

СПИСЪК НА ЦИТАТИТЕ

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Semkov, E. H., Tsvetkov, M. K., New H α emission stars in the field of the dark nebulae NGC 7129 and IC 5146, 1986, *Star Clusters and Associations*, Pub. of the Astr. Dep. Eotvos Univ., Budapest, **8**, 141

1. Magakian, T. Yu., Movsessian, T. A., Nikogossian, E. H., Search for HH Objects and Emission Stars in Star Formation Regions. III. PMS Stars in NGC 7129, 2004, *Astrophysics*, **47**, 519

2. Ibryamov, S., Activity of T Tauri Type Stars and Objects Similar to them, 2016, PhD Thesis, Institute of Astronomy and National Astronomical Observatory, BAS, Sofia, Bulgaria

Tsvetkov, M. K., Georgiev, Ts. B., Bilkina, B. P., Tsvetkova, A. G., Semkov, E. H., The Photometric UBV System of the 50/70 cm Schmidt Telescope of the National Astronomical Observatory Rozhen, 1987, *Comptes rendus de l'Academie Bulgar des Sciences*, **40**, 9

3. Mutafov, A.; Ilcheva, P.; Kusheva, M.; Michailov, M.; Borisov, Z.; Lazarov, N., Catalogue of the Rozhen Observatory Schmidt Telescope, 1994, *IAUS*, **161**, 377

4. van Cauteren, P.; Lampens, P.; Robertson, C. W.; Strigachev, A., Search for intrinsic variable stars in three open clusters: NGC 1664, NGC 6811, NGC 7209, 2005, *CoAst*, **146**, 21

5. Mihov, B., Slavcheva-Mihova, L., A Study of the High-Luminosity Quasar HS 1946+7658, 2019, *AIP Conference Proceedings*, **2075**, 090020

Skopal, A., Hric, L., Urban, Z., Pigulski, A., Blanco, C., Papousek, J., Hanzl, D., Agerer, F., Niarchos, P., Rovithis-Livaniou, H., Tsvetkova, K., Semkov, E., Velic, Z., Michalek, F., Komacka, L., Schweitzer, E., Korth, S., Photometry of Symbiotic Stars - an International Campaign. III, 1992, *CoSka*, **22**, 131

6. Formiggini, L., Leibowitz, E. M., The historical light curve of the symbiotic star AG Draconis: intense, magnetically induced cyclic activity, 2012, *MNRAS*, **422**, 2648

7. Jurdana-Šepić, R.; Munari, U., Symbiotic Stars on Asiago Archive Plates 2010, *PASP*, **122**, 35

8. Belczynski, K.; Mikolajewska, J., New binary parameters for the symbiotic recurrent nova T Coronae Borealis 1998, *MNRAS*, **296**, 77

9. Leibowitz, E. M.; Ofek, E. O.; Mattei, J. A., New clues on the nature of the recurrent nova T Coronae Borealis from a light curve of the system spanning 40 years, 1997, *MNRAS*, **287**, 634

10. Schmid, H. M.; Schild, H. Spectropolarimetry of symbiotic stars: AG Draconis, 1997, *A&A*, **321**, 791

11. Zamanov, R. K.; Zamanova, V. I., UVB Observations of T CrB, 1997, *IBVS*, **4461**, 1

12. Mikolajewska, J., Kenyon, S. J., The Inscrutable Hot Component in the Symbiotic Binary Z Andromedae, 1996, *AJ*, **112**, 1659

13. Tomov, N., Tomova, M., Photoelectric UVB observations of EG Andromedae, 1996, *IBVS*, **4341**, 1

14. Chinarova, L. L., Photographic brightness variations of the symbiotic stars UV AUR, TX CVN, V1016 CYG and V1329 CYG, 1996, *A&AT*, **9**, 103

15. Kolotilov, E. A.; Munari, U.; Yudin, B. F., UVB photometric properties of the symbiotic star V443 Herculis, 1995, *A&A*, **293**, 815

16. Blanco, C., Mammano, A., A giant's envelope in the eclipsing symbiotic EG Andromedae, 1995, *A&A*, **295**, 161

17. Murset, U., Nussbaumer, H., Temperatures and luminosities of symbiotic novae, 1994, *A&A*, **282**, 586

18. Schmid, H. M.; Schild, H., Raman scattered emission lines in symbiotic stars: A spectropolarimetric survey, 1994, *A&A*, **281**, 145
19. Zamanov, R. K., Stoyanov, K. A., Kostov, A., Kurtenkov, A., Nikolov, G., Latev, G., Bode, M. F., Marti, J., Luque-Escamilla, P. L., Tomov, N., Nikolov, Y. M., Boeva, S. S., The symbiotic binary ZZ CMi: intranight variability and suggested outbursting nature, 2021, *AN*, **342** (7-8), 952-959
20. Merc J., Multi-frequency research of symbiotic binaries, 2022, Charles University, Faculty of Mathematics and Physics, *PhD Thesis*, Prague, Czech Republic
- Semkov, E. H., Photographic Photometry of V 350 Cep, 1993, *IBVS*, **3825**, 1
21. Herbig, G. H., History and Spectroscopy of EXor Candidates, 2008, *AJ*, **135**, 637
22. Ibryamov, S., Activity Of T Tauri Type Stars And Objects Similar To Them, 2016, PhD Thesis, Institute of Astronomy and National Astronomical Observatory, BAS, Sofia, Bulgaria
- Semkov, E. H., New Variable Star in Cepheus, 1993, *IBVS*, **3870**, 1
23. Ibryamov, S., Activity Of T Tauri Type Stars And Objects Similar To Them, 2016, PhD Thesis, Institute of Astronomy and National Astronomical Observatory, BAS, Sofia, Bulgaria
- Semkov, E. H., CCD Observations of a New T Tauri Star in Cepheus, 1993, *IBVS*, **3918**, 1
24. Kazarovets, E. V., Samus, N. N., The 73rd name-list of variable stars, 1997, *IBVS*, **4471**, 1
25. Kun, M., Balog, Z., Kenyon, S. J., Mamajek, E. E., Gutermuth, R. A., Pre-Main-Sequence Stars in the Cepheus Flare Region, 2009, *ApJS*, **185**, 451
26. Ibryamov, S., Activity Of T Tauri Type Stars And Objects Similar To Them, 2016, PhD Thesis, Institute of Astronomy and National Astronomical Observatory, BAS, Sofia, Bulgaria
- Semkov, E. H., Tsvetkova, K. P., Tsvetkov, M. K., Prosser, C. F., Flare Star Search in the Alpha Persei Cluster, 1993, *IBVS*, **3917**, 1
27. Parsamian, E. S., On the Age of Flare Star FS2 and the Cluster of Alpha Persei, 1995, *IBVS*, **4162**, 1
28. Parsamian, E. S., Determination of the age of stellar aggregates and flare stars of the galactic field, 1995, *Astrophysics*, **38**, 206
29. Kazarovets, E. V., Samus, N. N., The 72nd name-list of variable stars, 1995, *IBVS*, **4140**, 1
- Hric, L., Skopal, A., Chochol, D., Komzik, R., Urban, Z., Papousek, J., Niarchos, P., Rovithis-Livaniou, H., Rovithis, P., Chianarova, L., Pikhun, A., Tsvetkova, K., Semkov, E., Velic, Z., Schweitzer, E., Photometry of Symbiotic Stars - an International Campaign V, 1994, *CoSka*, **24**, 31
30. Formigini, L., Leibowitz, E. M., The historical light curve of the symbiotic star AG Draconis: intense, magnetically induced cyclic activity, 2012, *MNRAS*, **422**, 2648
31. Jurdana-Šepić, R.; Munari, U., Symbiotic Stars on Asiago Archive Plates, 2010, *PASP*, **122**, 35
32. Tomov, N. A.; Tomova, M. T.; Ivanova, A., Analysis of the U-band orbital variation of the symbiotic binary AG Draconis during quiescence, 2000, *A&A*, **364**, 557
33. Tomov, N.; Tomova, M., UVB Observations of AG Dra in the End of the Latest Active Phase and After It, 2000, *IBVS*, **4953**, 1
34. Tomova, M. T.; Tomov, N. A., Spectral observations of AG Draconis during quiescence and outburst (1993-1995), 1999, *A&A*, **347**, 151
35. Belczynski, K.; Mikołajewska, J., New binary parameters for the symbiotic recurrent nova T Coronae Borealis, 1998, *MNRAS*, **296**, 77

36. Greiner, J.; Bickert, K.; Luthardt, R.; Viotti, R.; Altamore, A.; Gonzalez-Riestra, R.; Stencel, R. E., The UV/X-ray emission of the symbiotic star AG Draconis during quiescence and the 1994/1995 outbursts, 1997, *A&A*, **322**, 576
37. Schmid, H. M.; Schild, H., Spectropolarimetry of symbiotic stars: AG Draconis, 1997, *A&A*, **321**, 791
38. Zamanov, R. K.; Zamanova, V. I., UVB Observations of T CrB, 1997, *IBVS*, **4461**, 1
39. Tomov, N., Tomova, M., Photoelectric UVB observations of EG Andromedae, 1996, *IBVS*, **4341**, 1
40. Chinarova, L. L., Photographic brightness variations of the symbiotic stars UV AUR, TX CVN, V1016 CYG and V1329 CYG, 1996, *A&AT*, **9**, 103
41. Mártonfi, P., Gális, R., Merc, J., Long-Term Photometric Activity of AX Persei, 2021, Proceedings of the 52nd Conference on Variable Stars Research, *OEJV*, **220**, 26-44
42. Merc J., Multi-frequency research of symbiotic binaries, 2022, Charles University, Faculty of Mathematics and Physics, *PhD Thesis*, Prague, Czech Republic
- Georgiev, Ts., Getov, R., Semkov, E., Mutafov, A. Todorova, H., A CCD Camera (ST-6) at Rozhen Observatory: the BVRI System, 1994, *Working group on "Wide-field imaging"*, Newsletter 6, p 21
43. Mihov, B. M., Slavcheva-Mihova, L. S., Spatial dependent systematic error correction and colour coefficients for the 2-m telescope of the Rozhen National Astronomical Observatory, 2017, *BlgAJ*, **27**, 3
- Antov, A. P.; Konstantinova-Antova, R.; Semkov, E.; Borissov, N.; Georgiev, Tsv.; Umlenski, V. New Deep Minimum of the Cataclysmic Binary KR Aur in 1994-1995, 1996, *IBVS*, **4315**, 1
44. Mizusawa, T., Merritt, J., Ballouz, R.-L., Bonaro, M., Foran, S., Plumberg, Ch., Stewart, H., Wiley, T., Sion, E. M., Far Ultraviolet Spectroscopy of Seven Nova-Like Variables, 2010, *PASP*, **122**, 299
45. Sion, E. M.; Mizusawa, T., Ballouz, R.-L., The accreting white dwarfs in VY Scl nova-like variables, 2009, *JPhCS*, **172**, 2039
46. Kato, T.; Ishioka, R.; Uemura, M., Photometric Study of KR Aurigae during the High State in 2001, 2002, *PASJ*, **54**, 1033
47. Greiner, J., Soft X-ray emission of VY SCULPTORIS stars during optical high state, 1998, *A&A*, **336**, 626
- Tsvetkov, M., Semkov, E., Tsvetkova, K., Hambaryan, V., Observations of the Flare Star V 1929 Cygni, 1996, *IBVS*, **4328**, 1
48. Ibryamov, S., Activity Of T Tauri Type Stars And Objects Similar To Them, 2016, PhD Thesis, Institute of Astronomy and National Astronomical Observatory, BAS, Sofia, Bulgaria
- Semkov, E. H., Photographic and CCD Photometry of V 350 Cep, 1996, *IBVS*, **4339**, 1
49. Magakian, T. Y., Movsesian, T. A., Hovhannesian, E. R., Spectrum of V350 Cep: 1978-1994 observations. 1999, *Astrophysics*, **42**, 121
50. Herbig, G. H., History and Spectroscopy of EXOr Candidates, 2008, *AJ*, **135**, 637
51. Ibryamov, S., Activity Of T Tauri Type Stars And Objects Similar To Them, 2016, PhD Thesis, Institute of Astronomy and National Astronomical Observatory, BAS, Sofia, Bulgaria
- Tsvetkov, M. K., Stavrev, K. Y., Tsvetkova, K. P., Semkov, E. H., Mutafov, A. S., Michailov, M.-E., The Wide-Field Plate Database: Present Status and Future Development, 1997, *BaltA*, **6**, 271
52. Sergeeva, T. P.; Sergeev, A. V.; Pakulyak, L. K.; Golovnya, V. V., Wide-Field Plate Archive of the Main Astronomical Observatory of Ukraine: Electronic Plate Collection, 2004, *BaltA*, **13**, 677
53. Holl, A., Enhanced journals: A case study with general remarks, 2012, Proceedings of the Belgrade International Open Access Conference, vol. V, 1-9

54. Zlateva, N., Marinov, A., Dimov, D., Automatic Reseau Grid Lines Removal from Images of Carte du Ciel Plates, 2012, *Computer and communications engineering*, **6**, 1
55. Пенева, С. П., Фотометрично изследване на звезди от тип FU Orionis и EX Lupi, 2012, Дисертация за присъждане на образователната и научна степен Доктор, Българска академия на науките, Институт по астрономия с Национална астрономическа обсерватория
56. Sementsov, V. N., “Carte du Ciel” Catalogs and Their Importance for Modern Astrometry, 2018, *Astron. Rep.*, **62**, 1030–1035
57. Nikolov, G. D., Precise astrometry from half-century long observations of star cluster M 15, 2018, *Astronomical and Astrophysical Transactions*, 30(4), pp. 417-420
- Tsvetkov, M. K., Stavrev, K. Y., Tsvetkova, K. P.; Mutafov, A. S.; Semkov, E. H., Wide-Field Plate Database VizieR On-line Data Catalog: VI/90. Originally published in: IA, BAS. 05/1997
58. Meusinger, H.; Henze, M.; Birkle, K.; Pietsch, W.; Williams, B.; Hatzidimitriou, D.; Nesci, R.; Mandel, H.; Ertel, S.; Hinze, A.; Berthold, T., J004457+4123 (Sharov 21): not a remarkable nova in M 31 but a background quasar with a spectacular UV flare, 2010, *A&A*, **512**, A1
- Semkov, E. H., Non-stable Objects in the Region of NGC 7129, 1997, in Malbert, F. and Castets, A. (eds.), *Low Mass Star Formation from Infall to Outflow*, IAU Symposium **182**, 42
59. Ibryamov, S., Activity Of T Tauri Type Stars And Objects Similar To Them, 2016, PhD Thesis, Institute of Astronomy and National Astronomical Observatory, BAS, Sofia, Bulgaria
- Semkov, E. H., Mutafov, A. S., Wide-Field Spectroscopy with 3.5 Degree Objective Prism and 50/70 cm Rozhen Schmidt Telescope, 1997, Proc. of the International Conf. *Wide-Field Spectroscopy*, Kontizas, E., et al. (eds), Athens, Greece, Kluwer, p 125
60. Mihov, B., Slavcheva-Mihova, L., A Study of the High-Luminosity Quasar HS 1946+7658, 2019, *AIP Conference Proceedings*, **2075**, 090020
- Tsvetkov, M. K., Stavrev, K. Y., Tsvetkova, K. P., Semkov, E. H., Mutafov, A. S., Michailov, M.-E., The Wide-Field Plate Database - A New Tool in Observational Astronomy, 1998, *IAUS*, **179**, 462
61. Andernach, H., Internet Services for Professional Astronomy, 1999, IXth Canary Islands Winter School on Astrophysics, "Astrophysics with Large Databases in the Internet Age", Nov. 1997, eds. M. Kidger, I. et al., Cambridge Univ. Press, p. 1-28
- Semkov, E. H., Tsvetkova, K. P., Tsvetkov, M. K., Prosser, C. F., Flare Star Search in the Alpha Persei Cluster II, 1998, *IBVS*, **4600**, 1
62. Kazarovets, E. V., Samus, N. N., Durlevich, O. V., The 75nd name-list of variable stars, 2000, *IBVS*, **4870**, 1
- Tsvetkov, M. K., Stavrev, K. Y., Tsvetkova, K. P., Semkov, E. H., Mutafov, A. S., Borisova, A. P., The Wide-Field Plate Database: New Development and Applications, 1998, *Working group on “Sky Surveys”*, Newsletter **10**, 10
63. Andruk, V. M.; Butenko, G. Z.; Yatsenko, A. I., Photometry of plates digitized using Microtek ScanMaker 9800xl TMA scanner, 2010, *KPCB*, **26**, 146
64. Golovnya, V., Andruk, V., Yatsenko, A., Astrometry of the Plates of the DWA Digitized with the MICROTEK SCANMAKER 9800XL TMA Scanner, 2010, *Journal of Physical Studies*, **14(2)**, 2902-1-2902-8
65. Yatsenko, A. I.; Andruk, V. N.; Golovnya, V. V.; Pakulyak, L. K.; Ivanov, G. A., Scanning results of images of the 60th declination zone of the FON project. Measurement reduction methods and characterization of the output catalog, 2011, *KPCB*, **27**, 249
66. Borysenko, S. A.; Sizonenko, Yu. V.; Luk'yanyk, I. V.; Ivanova, A. V.; Voitsekhovskaya, A. D.; Sergeeva, T. P.; Golovin, A. V., Physical conditions in the plasma tail of comet C/1987 P1 bradfield, 2011, *KPCB*, **27**, 92

Semkov, E. H., Mutafov, A. S., Munari, U., Rejkuba, M., 1A Long-Term Photometric Study of the Pre-Main-Sequence Star V 350 Cep, 1999, *AN*, **320**, 57

67. Herbig, G. H., History and Spectroscopy of EXor Candidates, 2008, *AJ*, **135**, 637

68. Ibryamov, S., Activity Of T Tauri Type Stars And Objects Similar To Them, 2016, PhD Thesis, Institute of Astronomy and National Astronomical Observatory, BAS, Sofia, Bulgaria

Tsvetkov, M. K., Stavinschi, M., Tsvetkova, K. P., Stavrev, K. Y., Lukarski, H. D., Christov, S. T., Popov, V. N., Semkov, E. H., The Wide-Field Plate Database: Towards a European Plate Centre, 2000, *BaltA*, **9**, 613

69. Hudec, R.; Bašta, M.; Pihajoki, P.; Valtonen, M., The historical 1900 and 1913 outbursts of the binary blazar candidate OJ287, 2013, *A&A*, **559**, A20

70. Osborn, Wayne, Utilizing Astronomy's Photographic Heritage: Progress, Problems and Challenges, 2014, *Astroplate 2014*, Eds. L. Miskova, S. Vitek, Published by the Institute of Chemical Technology, Prague, 15-19

71. Kunzmann, Björn, Real and Virtual Heritage Historical Astronomical Plate Archives in Sonneberg, Bamberg and Hamburg Observatories, the Evolution of Astrophysics and their Influence on Human Knowledge and Culture, 2009, Proc. of the Int. ICOMOS Symposium in Hamburg, Oct. 14-17, 2008, Berlin, Hendrik Bäbeler Verlag, Ed. G. Wolfschmidt; 305 - 309

Semkov, E. H., Tsvetkova, K. P., Tsvetkov, M. K., Flare Star Activity in the Open Cluster Alpha Persei, 2000, *AN*, **321**, 161

72. Chang, S.-W., Byun, Y.-I., Hartman, J. D., Photometric Study on Stellar Magnetic Activity: I. Flare Variability of Red Dwarf Stars in the Open Cluster M37, 2015, *ApJ*, **814**, art. id. 35

Semkov, E. H., UBVRI observations of V350 Cep in the period 1998-2001, 2002, *IBVS*, **5214**, 1

73. Herbig, G. H., History and Spectroscopy of EXor Candidates, 2008, *AJ*, **135**, 637

74. Ibryamov, S., Activity Of T Tauri Type Stars And Objects Similar To Them, 2016, PhD Thesis, Institute of Astronomy and National Astronomical Observatory, BAS, Sofia, Bulgaria

Skopal, A., Vanko, M., Pribulla, T., Wolf, M., Semkov, E., Jones, A., Photometry of symbiotic stars X. EG And, Z And, BF Cyg, CH Cyg, V1329 Cyg, AG Dra, RW Hya, AX Per and IV Vir, 2002, *CoSka*, **32**, 62

75. Tomov, N. A.; Tomova, M. T.; Bisikalo, D. V., The Hydrogen and Helium Lines of the Symbiotic Binary Z And during Its Brightening at the End of 2002, 2010, *ARep*, **54**, 528

76. Formigini, L., Leibowitz, E. M., The historical light curve of the symbiotic star AG Draconis: intense, magnetically induced cyclic activity, 2012, *MNRAS*, **422**, 2648

77. Joseph Roche, EG Andromedae: A Symbiotic System as an Insight into Red Giant Chromospheres, 2012, PhD dissertation, University of Dublin

78. Hric, L.; Gális, R.; Leedjärv, L.; Burmeister, M.; Kundra, E., Outburst activity of the symbiotic system AG Dra, 2014, *MNRAS*, **443**, 1103

79. Hric, L.; Gális, R.; Kundra, E., AG Dra - A Symbiotic Mystery, 2010, *ASPC*, **435**, 339

80. Burmeister, M.; Leedjärv, L., Spectroscopy of the symbiotic binary CH Cygni from 1996 to 2007, 2009, *A&A*, **504**, 171

81. Contini, M.; Angeloni, R.; Rafanelli, P., The symbiotic system CH Cygni: An analysis of the shocked nebulae at different epochs, 2009, *AN*, **330**, 816

82. Angeloni, R., Gas and Dust Spectral Analysis of Galactic and Extragalactic Symbiotic Stars, 2009, PhD thesis, Department of Astronomy, University of Padova, Italy

83. Tomov, N. A.; Tomova, M. T.; Bisikalo, D. V., Spectral indications of ejection of mass by the symbiotic binary Z Andromedae during its 2000-2002 outburst 2008, *MNRAS*, **389**, 829

84. Tomova, M. T.; Tomov, N. A., Bisikalo, D. V., Two-velocity type mass outflow from the symbiotic binary Z And during its 2000 -- 2002 outburst, 2008, *BulgAJ*, **10**, 39

85. Bisikalo, D. V.; Boyarchuk, A. A.; Kilpio, E. Yu.; Tomov, N. A.; Tomova, M. T., A study of the outburst development in the classical symbiotic star Z And within the colliding-winds model, 2006, *ARep*, **50**, 722
86. Gromadzki, M.; Mikolajewski, M.; Tomov, T.; Bellas-Velidis, I.; Dapergolas, A.; Galan, C., Searching for Flickering Variability in Several Symbiotic Stars and Related Objects: BX Mon, V471 Per, RS Oph, V627 Cas, CI Cam, V886 Her, Z And, T CrB, MWC 560, V407 Cyg, 2006, *AcA*, **56**, 97
87. Sokoloski, J. L.; Kenyon, S. J.; Espey, B. R.; Keyes, Charles D.; McCandliss, S. R.; Kong, A. K. H.; Aufdenberg, J. P.; Filippenko, A. V.; Li, W.; Brocksopp, C.; Kaiser, Christian R.; Charles, P. A.; Rupen, M. P.; Stone, R. P. S., A "Combination Nova" Outburst in Z Andromedae: Nuclear Shell Burning Triggered by a Disk Instability, 2006, *ApJ*, **636**, 1002
88. Sokoloski, J. L.; Kenyon, S. J.; Kong, A. K. H.; Espey, B. R.; McCandliss, S. R.; Keyes, C. D.; Li, W.; Filippenko, A. V.; Aufdenberg, J.; Brocksopp, C.; Kaiser, C. R.; Charles, P. A.; Stone, R. P. S., A New Kind of Nova, 2005, *ASPC*, **330**, 293
89. Percy, J. R.; Harrett, A., Self-Correlation Analysis of the Brightness Variability of Symbiotic Stars: A Pilot Project, 2004, *JAVSO*, **33**, 34
90. Taranova, O. G.; Shenavrin, V. I., Dissipation of the hot dust envelope of CH Cygni (1996 2003), 2004, *ARep*, **48**, 813
91. Leedj r v, L.; Burmeister, M.; Miko ajewski, M.; Puss, A.; Annuk, K.; Ga an, C., Emission lines in the spectrum of the symbiotic star AG Draconis from 1997 to 2003, 2004, *A&A*, **415**, 273
92. Leedj r v, L., G alis, R., Hric, L., Merc, J., Burmeister, M., Spectroscopic view on the outburst activity of the symbiotic binary AG Draconis, 2016, *MNRAS*, **456**, 2558
93. Kondratyeva, I. N., Rspaev, F. K., Reva, I. V. Krugov, M. A., Photometric and Spectral Studies of the Object EG And, 2018, *Astrophysics*, **61**, 353
94. Merc, J., G alis, R., Wolf, M., Leedj r v, L., Teyssier, F., The activity of the symbiotic binary Z Andromedae and its latest outburst, 2019, Proc. of the 50th Conf. on Variable Stars Research, vol. 197, Brno, Czech Republic, ed. R. Koci an, p. 23
95. Merc J., Multi-frequency research of symbiotic binaries, 2022, Charles University, Faculty of Mathematics and Physics, *PhD Thesis*, Prague, Czech Republic
96. Sion, E. M, Accreting White Dwarfs, 2023, IOP Publishing, Bristol, UK, ISBN 978-0-7503-2042-9
- Borisov, G.; Dimitrov, D.; Semkov, E.; Apostolovska, G.; Bonev, T.; Ivanova, A.; Bilkina, B.; Ivanova, V.; Panov, K., UBVRI Photometry of SN 2002ap in M74, 2002, *IBVS*, **5264**, 1
97. Ferrero, P.; Kann, D. A.; Zeh, A. et al., The GRB 060218/SN 2006aj event in the context of other gamma-ray burst supernovae, 2006, *A&A*, **457**, 857
98. Vink o, J.; Blake, R. M.; S arneczky, K., et al., Distance of the hypernova SN 2002ap via the expanding photosphere method, 2004, *A&A*, **427**, 453
99. Pandey, S. B.; Anupama, G. C.; Sagar, R.; Bhattacharya, D.; Sahu, D. K.; Pandey, J. C., A flattening in the optical light curve of SN 2002ap, 2003, *MNRAS*, **340**, 375
100. Cook, L. M.; Katkova, E. V.; Sokolov, N. A.; Guseva, I. S., BVRI photometry of the type Ic Hypernova SN 2002ap, 2002, *IBVS*, **5283**, 1
- Semkov, E., GRB 030226 optical observations, 2003, *GCN Circ.* **1935**, 1
101. Dai, Z. G., Wu, X. F., GRB 030226 in a Density-Jump Medium, 2003, *ApJ*, **591**, L21
102. Pandaey, S. B., Sagar, R., Anupama, G. C., Bhattacharya, D., Sahu, D. K., Castro-Tirado, A., J., Bremer, M., Early optical and milimeter observations of GRB 030226 afterglow, 2004, *A&A*, **417**, 919
103. Tam, P. H., Pun, C. S. J., Huang, Y. F., Cheng, K. S., Early re-brightenings in GRB afterglows as signatures of low-to-high density boundary, 2005, *NewA*, **10**, 535

104. Kloise, S., Greiner, J., Rau, A. et al., Probing a Gamma-Ray Burst Progenitor at a Redshift of $z = 2$: A Comprehensive Observing Campaign of the Afterglow of GRB 030226, 2004, *AJ*, **128**, 1942

Semkov, E., GRB 030329 optical observations, 2003, *GCN Circ.* 2111

105. Uemura, M., Kato, T., Ishioka, R., Yamaoka, H., Monard, B., Nogami, D., Maehara, H., Sugie, A., Takahashi, S., Optical Variability of the Afterglow of GRB 030329, 2004, *PASJ*, **56**, 77

Semkov, E., GRB 030329 optical observations in Rozhen observatory, 2003, *GCN Circ.* **2179**

106. Nardini, M., Ghisellini, G., Ghirlanda, G., Tavecchio, F., Firmani, C., Lazzati, D., Clustering of the optical-afterglow luminosities of long gamma-ray bursts, 2006, *A&A*, **451**, 821

Semkov, E. H., Photometric and spectroscopic study of V 1184 Tauri, 2003, *A&A*, **404**, 655

107. Barsunova, O. Yu., Grinin, V. P., Sergeev, S. G., On the nature of the photometric activity of the T Tauri star V1184 Tau, 2006, *AstrL*, **32**, 832

108. Herbig, G. H., History and Spectroscopy of EXor Candidates, 2008, *AJ*, **135**, 637

109. Grinin, V. P., Arkharov, A. A., Barsunova, O. Yu., Sergeev, S. G., Tambovtseva, L. V., Photometric activity of the UX Ori star V1184 Tau in the optical and near-infrared spectral ranges, 2009, *AstrL*, **35**, 115

110. Giannini, T., Lorenzetti, D., Harutyunyan, A., Li Causi, G., Antonucci, S., Arkharov, A. A., Larionov, V. M., Strafella, F., Carini, R., Di Paola, A., Speziali, R., A new insight into the variability of V1184 Tauri, 2016, *A&A*, **588**, A20

Semkov, E. H., A Long-term Photometric Study of the PMS Star V 391 Cep, 2003, *IBVS*, **5373**, 1

111. Ibryamov, S., Activity Of T Tauri Type Stars And Objects Similar To Them, 2016, PhD Thesis, Institute of Astronomy and National Astronomical Observatory, BAS, Sofia, Bulgaria

Semkov, E. H., Tree New PMS Variables in the Vicinity of NGC 7129, 2003, *IBVS*, **5406**, 1

112. Kun, M., Balog, Z., Kenyon, S. J., Mamajek, E. E., Gutermuth, R. A., Pre-Main-Sequence Stars in the Cepheus Flare Region, 2009, *ApJS*, **185**, 451

113. Popov, A. A., Krushinsky, V. V., Avvakumova, E. A., Punanova, A. F., Zalozhni, I. S., Burdanov, A. Y., New Variable Stars in the Open Cluster NGC 7129, 2011, *Peremennye Zvezdy*, **11**, no. 27

114. Kun, M., Kiss, Z. T., Balog, Z., Star Forming Regions in Cepheus, 2008, *Handbook of Star Forming Regions, Vol 1: The Northern Sky*, ed. Bo Reipurth, 136

115. Ibryamov, S., Activity Of T Tauri Type Stars And Objects Similar To Them, 2016, PhD Thesis, Institute of Astronomy and National Astronomical Observatory, BAS, Sofia, Bulgaria

Semkov, E. H., Photometric and Spectroscopic Study of the FUOR Candidates V 1184 Tau and V 350 Cep, 2004, *BaltA*, **13**, 538

116. Herbig, G. H., History and Spectroscopy of EXor Candidates, 2008, *AJ*, **135**, 637

117. Kun, M., Kiss, Z. T., Balog, Z., Star Forming Regions in Cepheus, 2008, *Handbook of Star Forming Regions, Vol 1: The Northern Sky*, ed. Bo Reipurth, p. 136

118. Giannini, T., Lorenzetti, D., Harutyunyan, A., Li Causi, G., Antonucci, S., Arkharov, A. A., Larionov, V. M., Strafella, F., Carini, R., Di Paola, A., Speziali, R., A new insight into the variability of V1184 Tauri, 2016, *A&A*, **588**, A20

119. Ibryamov, S., Activity Of T Tauri Type Stars And Objects Similar To Them, 2016, PhD Thesis, Institute of Astronomy and National Astronomical Observatory, BAS, Sofia, Bulgaria

Skopal, A., Pribulla, T., Vanko, M., Semkov, E., Velic, Z., Wolf, M., Jones, A., Photometry of symbiotic stars XI. EG And, Z And, BF Cyg, CH Cyg, CI Cyg, V1329 Cyg, TX CVn, AG Dra, RW Hya, AR Pav, AG Peg, AX Per, QW Sge, IV Vir and the LMXB V934 Her, 2004, *CoSka*, **34**, 45

120. Tomov, N. A.; Tomova, M. T.; Bisikalo, D. V., The Hydrogen and Helium Lines of the Symbiotic Binary Z And during Its Brightening at the End of 2002, 2010, *ARep*, **54**, 528
121. Formigini, L., Leibowitz, E. M., The historical light curve of the symbiotic star AG Draconis: intense, magnetically induced cyclic activity, 2012, *MNRAS*, **422**, 2648
122. Angeloni, R., Contini, M., Ciroi, S., Rafanelli, P., The spectral energy distribution of D-type symbiotic stars: the role of dust shells, 2010, *MNRAS*, **402**, 2075
123. Rspaev, F.; Kondratyeva, L.; Aimuratov, E., CH Cygni: new brightening in 2014, 2014, *IBVS*, **6117**, 1
124. Hric, L.; Gális, R.; Leedjärv, L.; Burmeister, M.; Kundra, E., Outburst activity of the symbiotic system AG Dra, 2014, *MNRAS*, **443**, 1103
125. Hric, L.; Gális, R.; Kundra, E., AG Dra - A Symbiotic Mystery, 2010, *ASPC*, **435**, 339
126. Burmeister, M.; Leedjärv, L., Spectroscopy of the symbiotic binary CH Cygni from 1996 to 2007, 2009, *A&A*, **504**, 171
127. Contini, M.; Angeloni, R.; Rafanelli, P., The symbiotic system CH Cygni: An analysis of the shocked nebulae at different epochs, 2009, *AN*, **330**, 816
128. Contini, M.; Angeloni, R.; Rafanelli, P., The symbiotic star CH Cygni. The broad Ly α emission line explained by shocks, 2009, *A&A*, **496**, 759
129. Angeloni, R., Gas and Dust Spectral Analysis of Galactic and Extragalactic Symbiotic Stars, 2009, PhD thesis, Department of Astronomy, University of Padova, Italy
130. Tomov, N. A.; Tomova, M. T.; Bisikalo, D. V., Spectral indications of ejection of mass by the symbiotic binary Z Andromedae during its 2000-2002 outburst, 2008, *MNRAS*, **389**, 829
131. Tomova, M. T.; Tomov, N. A.; Bisikalo, D. V., Two-velocity type mass outflow from the symbiotic binary Z And during its 2000 -- 2002 outburst, 2008, *BlgAJ*, **10**, 39
132. Yoo, K.-H., High Resolution Spectrum of Symbiotic Star AG Pegasi, 2006, *PKAS*, **21**, 35
133. Bisikalo, D. V.; Boyarchuk, A. A.; Kilpio, E. Yu.; Tomov, N. A.; Tomova, M. T., A study of the outburst development in the classical symbiotic star Z And within the colliding-winds model, 2006, *ARep*, **50**, 722
134. Gromadzki, M.; Mikołajewski, M.; Tomov, T.; Bellas-Velidis, I.; Dapergolas, A.; Galan, C., Searching for Flickering Variability in Several Symbiotic Stars and Related Objects: BX Mon, V471 Per, RS Oph, V627 Cas, CI Cam, V886 Her, Z And, T CrB, MWC 560, V407 Cyg, 2006, *AcA*, **56**, 97
135. Tomov, N. A.; Tomova, M. T.; Taranova, O. G., Broad-band multicolour observations of the symbiotic binary Z And during quiescence and its activity at the end of 2002, 2004, *A&A*, **428**, 985
136. Leedjärv, L., Gális, R., Hric, L., Merc, J., Burmeister, M., Spectroscopic view on the outburst activity of the symbiotic binary AG Draconis, 2016, *MNRAS*, **456**, 2558
137. Kondratyeva, I. N., Rspaev, F. K., Reva, I. V. Krugov, M. A., Photometric and Spectral Studies of the Object EG And, 2018, *Astrophysics*, **61**, 353
138. Merc, J., Gális, R., Wolf, M., Leedjärv, L., Teyssier, F., The activity of the symbiotic binary Z Andromedae and its latest outburst, 2019, Proc. of the 50th Conf. on Variable Stars Research, vol. 197, Brno, Czech Republic, ed. R. Kocián, p. 23
139. Merc J., Multi-frequency research of symbiotic binaries, 2022, Charles University, Faculty of Mathematics and Physics, *PhD Thesis*, Prague, Czech Republic
- Semkov, E. H., A new deep minimum in the light curve of the PMS star V 1184 Tauri (CB 34V), 2004, *A&A*, **419**, L59
140. Barsunova, O. Yu., Grinin, V. P., Sergeev, S. G., On the nature of the photometric activity of the T Tauri star V1184 Tau, 2006, *AstrL*, **32**, 832
141. Herbig, G. H., History and Spectroscopy of EXor Candidates, 2008, *AJ*, **135**, 637
142. Grinin, V. P., Barsunova, O. Yu., Shugarov, S. Yu., Kroll, P., Sergeev, S. G., Large-scale photometric activity of the UX Ori type stars, 2008, *Astrophysics*, **51**, 1

143. Grinin, V. P., Arkharov, A. A., Barsunova, O. Yu., Sergeev, S. G., Tambovtseva, L. V., Photometric activity of the UX Ori star V1184 Tau in the optical and near-infrared spectral ranges, 2009, *AstrL*, **35**, 115

144. Giannini, T., Lorenzetti, D., Harutyunyan, A., Li Causi, G., Antonucci, S., Arkharov, A. A., Larionov, V. M., Strafella, F., Carini, R., Di Paola, A., Speziali, R., A new insight into the variability of V1184 Tauri, 2016, *A&A*, **588**, A20

Semkov, E. H., UBVRI Observations of V350 Cep in the period 2002-2004, 2004, *IBVS*, **5556**, 1

145. Herbig, G. H., History and Spectroscopy of EXor Candidates, 2008, *AJ*, **135**, 637

146. Ibryamov, S., Activity Of T Tauri Type Stars And Objects Similar To Them, 2016, PhD Thesis, Institute of Astronomy and National Astronomical Observatory, BAS, Sofia, Bulgaria

147. Jurdana-Šepić, R., Munari, U., Antonucci, S., Giannini, T., Lorenzetti, D., Towards a better classification of unclear eruptive variables: the cases of V2492 Cyg, V350 Cep, and ASASSN-15qi, 2018, *A&A*, **614**, A9

Semkov, E. H., VRI photometric observations of V 1647 Ori (IRAS 05436-0007), 2004, *IBVS*, **5578**, 1

148. Kospal, A., Abraham, P., Acosta-Pulido, J., Csizmadia, S., Eredics, M., Kun, M., Racz, M., The rapid fading of V1647 Orionis: the sudden end of a FUor-type eruption?, 2005, *IBVS*, **5661**, 1

149. Kospal, A., Csizmadia, S., Eredics, M., Kun, M., Racz, M., V1647 Orionis, 2005, *CBET*, **308**, 1

150. Ojha, D. K., Ghosh, S. K., Tej, A., Verma, R. P., Vig, S., Anupama, G. C., Sahu, D. K., Parihar, P., Bhatt, B. C., Prabhu, T. P., Maheswar, G., Bhatt, H. C., Anandaram, B. G., Venkataraman, V., Post-Outburst Phase of McNeil's Nebula (V1647 Orionis), 2006, *MNRAS*, **368**, 825

151. Saikia, D. J., Highlights from the Observatories, 2006, *BASI*, **34**, 413

152. Chochol, D.; Errico, L.; Magri, M.; Pribulla, T.; Vittone, A. A., On the nature of V1647 Ori, 2006, *CoSka*, **36**, 149

153. Acosta-Pulido, J. A., Kun, M., Abraham, P., Kospal, A., Csizmadia, Sz., Kiss, L. L., Moor, A., Szabados, L., Benko J. M., Delgado R., Barrena, Charcos-Llorens, M., Eredics, M., Kiss, Z. T., Manchado, A., Racz, M., Almeida, C. Ramos., Szekely, P., Vidal-Nunez, M. J., The 2004-2006 Outburst and Environment of V1647 Ori, 2007, *AJ*, **133**, 2020

154. Fedele, D., van den Ancker, M. E., Petr-Gotzens, M. G., Rafanelli, P., Optical and infrared properties of V1647 Orionis during the 2003-2006 outburst. II. Temporal evolution of the eruptive source, 2007, *A&A*, **472**, 207

155. Kun, M., Early spectroscopy and photometry of the new outburst of V1647 Ori, 2008, *IBVS*, **5850**, 1

156. Aspin, C., Beck, T. L., Reipurth, B., V1647 Orionis: One Year into Quiescence, 2008, *AJ*, **135**, 423

157. Aspin, C., Reipurth, B., V1647 Orionis: Optical Photometric and Spectroscopic Monitoring Through the 2003-2006 Outburst, 2009, *AJ*, **138**, 1137

158. Teets, W. K., Weintraub, D. A., Grosso, N., Principe, D., Kastner, J. H., Hamaguchi, K., Richmond, M., X-ray Production by V1647 Ori During Optical Outbursts, 2011, *ApJ*, **741**, 83

Semkov, E.; Bachev, R.; Strigachev, A., Spectral observations of bright quasars at NAO Rozhen, 2005, *ARBL*, **20**, 99

159. Mihov, B., Slavcheva-Mihova, L., Petrov, G., Spectral observations of Seyfert galaxies with the spectrograph UAGS at the Rozhen NAO, 2006, *BulgAJ*, **8**, 49

Mikolajewski, M., Galan, C., Gazeas, K., Niarchos, P., Zola, S., Kurpinska-Winiarska, M., Winiarski, M., Majewska, A., Siwak, M., Drahus, M., Waniak, W., Pigulski, A., Michalska, G.,

Kolaczowski, Z., Tomov, T., Gromadzki, M., Graczyk, D., Osiwala, J., Majcher, A., Hajduk, M., Cikala, M., Zajczyk, A., Kolev, D., Dimitrov, D., Semkov, E., Bilkina, B., Dapergolas, A., Bellas-Velidis, L., Csak, B., Gere, B., Nemeth, P., Apostolovska, G., Preliminary Photometric Results for the 2003 Eclipse of EE Cep, 2005, *Ap&SS*, **296**, 445

160. Mamajek, E. E., Quillen, A. C., Pecaut, M. J., Moolekamp, F., Scott, E. L., Kenworthy, M. A., Collier C. A., Parley, N. R., Planetary Construction Zones in Occultation: Discovery of an Extrasolar Ring System Transiting a Young Sun-like Star and Future Prospects for Detecting Eclipses by Circumsecondary and Circumplanetary Disks, 2012, *AJ*, **143**, 72

161. Parks, J. R., Plavchan, P., White, R. J., Gee, A. H., Periodic and Aperiodic Variability in the Molecular Cloud ho Ophiuchus, 2014, *ApJS*, **211**, id. 3

162. Meng, Z., Quillen, A. C., Bell, C. P. M., Mamajek, E. E., Scott, E. L., The fraction of young eclipsing binaries that host discs, 2014, *MNRAS*, **441**, 3733

163. Quillen, A. C., Ciocca, M., Carlin, J. L., Bell, C. P. M., Meng, Z., Variability in the 2MASS Calibration Fields: A Search for Transient Obscuration Events, 2014, *MNRAS*, **441**, 2691

164. Parks, J. R., Stellar Variability: A Broad and Narrow Perspective, 2014, PhD thesis, Department of Physics and Astronomy, Georgia State University, USA

165. Kenworthy, M. A.; Lacour, S.; Kraus, A.; Triaud, A. H. M. J.; Mamajek, E. E.; Scott, E. L.; Ségransan, D.; Ireland, M.; Hamsch, F.-J.; Reichart, D. E.; Haislip, J. B.; LaCluyze, A. P.; Moore, J. P.; Frank, N. R., Mass and period limits on the ringed companion transiting the young star J1407, 2015, *MNRAS*, **446**, 411

166. Kenworthy, M. A.; Mamajek, E. E., Modeling Giant Extrasolar Ring Systems in Eclipse and the Case of J1407b: Sculpting by Exomoons?, 2015, *ApJ*, **800**, id. 126

167. Kenworthy, M. A., Mamajek, E. E., Modeling of a Giant Exoring System Around the Substellar Companion J1407b, 2016, *IAUS*, **314**, 171

Bachev, R., Strigachev, A., Semkov, E., Short-term optical variability of high-redshift quasi-stellar objects, 2005, *MNRAS*, **358**, 774

168. Kumar, P.; Gopal-Krishna; Chand, H., Intranight Optical Variability of Radio-Quiet Weak Emission Line Quasars-III, 2015, *MNRAS*, **448**, 1463

169. Chand, H., Kumar, P.; Gopal-Krishna, Intranight optical variability of radio-quiet weak emission line quasars – II, 2014, *MNRAS*, **441**, 726

170. Goyal, A.; Mhaskey, M.; Gopal-Krishna; Wiita, P. J.; Stalin, C. S.; Sagar, R., On the Photometric Error Calibration for the Differential Light Curves of Point-like Active Galactic Nuclei, 2013, *JApA*, **34**, 273

171. Gopal-Krishna; Joshi, R.; Chand, H., Intranight optical variability of radio-quiet weak emission line quasars, 2013, *MNRAS*, **430**, 1302

172. Joshi, R., Chand, H., Intranight optical variability of radio-loud broad absorption line quasars, 2013, *MNRAS*, **429**, 1717

173. Petrov, G., 30 years studying of galaxies at Rozhen NAO, 2012, *BlgAJ*, **18**, 71

174. Joshi, R.; Chand, H., Gupta, A. C.; Wiita, P. J., Optical microvariability properties of BALQSOs, 2011, *MNRAS*, **412**, 2717

175. de Diego, J. A., Testing Tests on Active Galactic Nucleus Microvariability, 2010, *AJ*, **139**, 1269

176. Koptelova, E.; Oknyanskij, V. L.; Artamonov, B. P.; Burkhonov, O., Intrinsic quasar variability and time delay determination in the lensed quasar UM673, 2010, *MNRAS*, **401**, 2805

177. Goyal, A.; Gopal-Krishna; Joshi, S.; Sagar, R.; Wiita, P. J.; Anupama, G. C.; Sahu, D. K., Optical variability of radio-intermediate quasars, 2010, *MNRAS*, **401**, 2622

178. Mihov, B. M.; Slavcheva-Mihova, L. S., Johnson-Cousins magnitudes of comparison stars in the fields of ten Seyfert galaxies, 2008, *AN*, **329**, 418

179. Goyal, A.; Gopal-Krishna; Sagar, R., Anupama, G. C.; Sahu, D. K., Further evidence for intra-night optical variability of radio-quiet quasars, 2007, *BASI*, **35**, 141

180. Carini, M. T.; Noble, J. C.; Taylor, R.; Culler, R., Optical Microvariability in Radio-quiet Quasars, 2007, *AJ*, **133**, 303
181. Kumar, P., Chand, H., Gopal-Krishna, Intranight Optical Variability of Radio-Quiet Weak Emission Line Quasars-IV, 2016, *MNRAS*, **461**, 666
182. Kumar, P., Gopal-Krishna; Stalin, C. S., Chand, H., Srianand, R., Petitjean, P., Multi-epoch intra-night optical monitoring of eight radio-quiet BL Lac candidates, 2017, *MNRAS*, **471**, 606
183. Zhang, X., Wu, J., Meng, N., Intra-day optical multi-band quasi-simultaneous observation of BL Lacertae object S5 0716+714 from 2013 to 2016, 2018, *MNRAS*, **478**, 3513
184. Kim, J., Karouzos, M., Im, M., Choi, Ch., Kim, D., Jun, H. D., Lee, J. H., Mezcua, M., Intra-Night Optical Variability of Active Galactic Nuclei in the Cosmos Field with the KMTNE, 2018, *JKAS*, **51**, 89
185. Mihov, B., Slavcheva-Mihova, L., A Study of the High-Luminosity Quasar HS 1946+7658, 2019, *AIP Conference Proceedings*, **2075**, 090020
186. Ojha, V., Gopal-Krishna; Chand, H., Intra-Night Optical monitoring of three γ -ray detected Narrow-line Seyfert 1 galaxies, 2019, *MNRAS*, **483**, 3036
187. Pasierb, M., Goyal, A., Ostrowski, M., Stawarz, Ł., Wiita, P. J., Gopal-Krishna, Larionov, V. M., Morozova, D. A., Itoh, R., Alicavus, F., Erdem, A., Joshi, S., Zola, S., Borman, G. A., Grishina, T. S., Kopatskaya, E. N., Larionova, E. G., Savchenko, S. S., Nikiforova, A. A., Troitskaya, Y. V., Troitsky, I. S., Akitaya, H., Kawabata, M., Nakaoka, T., Multiband optical flux density and polarization microvariability study of optically bright blazars, 2020, *MNRAS*, **492**, 1295–1317
188. Ojha, V., Chand, H., Gopal-Krishna, Mishra, S., Chand, K., Comparative intra-night optical variability of X-ray and γ -ray detected narrow-line Seyfert 1 galaxies, 2020, *MNRAS*, **493**, 3642–3655
189. Chen, C., Hamann, F., Ma, B., Murphy, M., A Catalog of High-velocity C IV Mini-broad Absorption Lines in the VLT-UVES and Keck-HIRES Archives, 2021, *ApJ*, **907**, art. id.84
190. Minev, M., Ivanov, V. D., Trifonov, T., Ovcharov, E., Fabrika, S., Sholukhova, O., Vinokurov, A., Valcheva, A., Nedialkov, P., Periodic variability of the $z=2.0$ quasar QSO B1312+7837, 2021, *MNRAS*, **508**, 2937–2943
191. Chand, K., Gopal-Krishna, Omar, A., Chand, H., Mishra, S., Bisht, P. S., Britzen, S., Intranight variability of UV emission from powerful blazars, 2022, *MNRAS Lett.* **511**, L13–L18
192. Ojha, V., Jha, V. K., Chand, H., Singh, V., Evidence of jet induced optical microvariability in radio-loud Narrow Line Seyfert 1 Galaxies, 2022, *MNRAS*, **514**, 5607–5624
193. Gopal-Krishna, Chand, K., Chand, H., Negi, V., Mishra, S., Britzen, S., Bisht, P. S., Intranight optical variability of low-mass Active Galactic Nuclei: A Pointer to blazar-like activity, 2023, *MNRAS Letters*, **518**, L13–L18
194. Chand, K., Intranight variability of ultraviolet emission from high- z blazars, 2024, *Bulletin de la Societe Royale des Sciences de Liege*, accepted
- Semkov, E. H., VRI Light Curve of V1647 Ori in the Period August 2004 - November 2005, 2006, *IBVS*, **5683**, 1
195. Chochol, D.; Errico, L.; Magri, M.; Pribulla, T.; Vittone, A. A., On the nature of V1647 Ori, 2006, *CoSka*, **36**, 149
196. Acosta-Pulido, J. A., Kun, M., Abraham, P., Kospal, A., Csizmadia, Sz., Kiss, L. L., Moor, A., Szabados, L., Benko J. M., Delgado R., Barrena, Charcos-Llorens, M., Eredics, M., Kiss, Z. T., Manchado, A., Racz, M., Almeida, C. Ramos., Szekely, P., Vidal-Nunez, M. J., The 2004-2006 Outburst and Environment of V1647 Ori, 2007, *AJ*, **133**, 2020
197. Fedele, D., van den Ancker, M. E., Petr-Gotzens, M. G., Rafanelli, P., Optical and infrared properties of V1647 Orionis during the 2003-2006 outburst. II. Temporal evolution of the eruptive source, 2007, *A&A*, **472**, 207

198. Aspin, C., Beck, T. L., Reipurth, B., V1647 Orionis: One Year into Quiescence, 2008, *AJ*, **135**, 423
199. Aspin, C., Reipurth, B., V1647 Orionis: Optical Photometric and Spectroscopic Monitoring Through the 2003-2006 Outburst, 2009, *AJ*, **138**, 1137
200. Kóspál, Á., An Infrared and Optical View of Young Eruptive Stars, 2009, *PhD Thesis*, Eötvös Loránd University, Budapest, Hungary
201. Teets, W. K., Weintraub, D. A., Grosso, N., Principe, D., Kastner, J. H., Hamaguchi, K., Richmond, M., X-ray Production by V1647 Ori During Optical Outbursts, 2011, *ApJ*, **741**, 83
202. Hodapp, K. W., Denneau, L., Tucker, M., Shappee, B. J., Huber, M. E., Payne, A. V., Do, A., Lin, Ch.-Ch., Connelley, M. S., Varricatt, W. P., Tonry, J., Chambers, K., Magnier, E., The Outburst of the Young Star Gaia19bey, 2020, *AJ*, **160**, art. id. 164

Semkov, E., H., Photometric and spectroscopic variability of the pre-main-sequence star V 1184 Tauri (CB 34V), 2006, *AN*, **327**, 328

203. Herbig, G. H., History and Spectroscopy of EXor Candidates, 2008, *AJ*, **135**, 637
204. Reipurth, B., Yan, C.-H., Star Formation and Molecular Clouds towards the Galactic Anti-Center, 2008, *Handbook of Star Forming Regions, Volume I: The Northern Sky*, ASP Monograph Publications, Vol. 4. Ed. Bo Reipurth, 869
205. Grinin, V. P., Arkharov, A. A., Barsunova, O. Yu., Sergeev, S. G., Tambovtseva, L. V., Photometric activity of the UX Ori star V1184 Tau in the optical and near-infrared spectral ranges, 2009, *AstrL*, **35**, 115
206. Kun, M., Szegedi-Elek, E., Moór, A., Ábrahám, P., Acosta-Pulido, J. A., Apai, D., Kelemen, J., Pál, A., Rácz, M., Regály, Zs., Szakáts, R., Szalai, N., Szing, A., A Peculiar Young Eruptive Star in the Dark Cloud Lynds 1340, 2011, *ApJ*, **733**, L8
207. Giannini, T., Lorenzetti, D., Harutyunyan, A., Li Causi, G., Antonucci, S., Arkharov, A. A., Larionov, V. M., Strafella, F., Carini, R., Di Paola, A., Speziali, R., A new insight into the variability of V1184 Tauri, 2016, *A&A*, **588**, A20

Nordhagen, S., Herbst, W., Williams, E. C., Semkov, E., The recurrent eclipse of the unusual Pre-Main-Sequence star HMW 15 in IC 348, 2006, *ApJ*, **646**, L151

208. Sotnikova, N. Ya.; Grinin, V. P., Hydrodynamic processes in young binaries as a source of cyclic variations in circumstellar extinction, 2007, *AstrL*, **33**, 594
209. Grinin, V., Stempels, H. C., Gahm, G. F., Sergeev, S., Arkharov, A., Barsunova, O., Tambovtseva, L., The unusual pre-main-sequence star V718 Per (HMW 15), 2008, *A&A*, **489**, 1233
210. Goedhart, S., Langa, M. C., Gaylard, M. J., van der Walt, D. J., Short-period variability in the Class II methanol maser source G12.89+0.49 (IRAS 18089-1732), 2009, *MNRAS*, **398**, 955
211. Grinin, V. P., Arkharov, A. A., Barsunova, O. Yu., Sergeev, S. G., Detection of low-amplitude brightness oscillations in the unique eclipsing system V718 Per (HMW 15, H 187), 2009, *AstrL*, **35**, 828
212. Barsunova, O., Grinin, V., Arkharov, A., Sergeev, S., Shugarov, S., Observations of Low-Amplitude Brightness Oscillations in the Unusual Eclipsing System V718 Per (HMW 15, H 187) 2010, *Odessa Astr. Pub.*, **23**, 13
213. Grinin, V. P., Demidova, T. V., Sotnikova, N. Ya, Modulation of circumstellar extinction in a young binary system with a low-mass companion in a noncoplanar orbit, 2010, *AstrL*, **36**, 808
214. Fritzewski, D. J., Kitze, M., Mugrauer, M. et al., Long-Term Photometry of IC 348 with the YETI Network, 2016, *MNRAS*, **462**, 2396

Raiteri, C. M., Villata, M., ..., Semkov, E. et al., WEBT and XMM-Newton observations of 3C 454.3 during the post-outburst phase. Detection of the little and big blue bumps, 2007, *A&A*, **473**, 819

215. Perlman, E. S.; Addison, B., Georganopoulos, M., Wingert, B., Graff, P., Thermal AGN Signatures in Blazars, 2008, *Proceedings of the Workshop on Blazar Variability across the Electromagnetic Spectrum*. April 22-25, 2008, Palaiseau, France, 9
216. Jolley, E. J. D.; Kuncic, Z.; Bicknell, G. V.; Wagner, S., Accretion discs in blazars, 2009, *MNRAS*, **400**, 1521
217. Bonning, E. W.; Bailyn, C.; Urry, C. M.; Buxton, M.; Fossati, G.; Maraschi, L.; Coppi, P.; Scalzo, R.; Isler, J.; Kaptur, A., Correlated Variability in the Blazar 3C 454.3, 2009, *ApJ*, **697**, L81
218. Bonning, E. W.; Bailyn, C.; Urry, C. M.; Buxton, M.; Fossati, G.; Maraschi, L.; Coppi, P.; Isler, J., Variability in the Blazar 3C 454.3, 2010, *ASPC*, **427**, 265
219. Acosta-Pulido, J. A.; Agudo, I.; Barrena, R.; Ramos Almeida, C.; Machado, A.; Rodríguez-Gil, P. The redshift and broad-band spectral energy distribution of NRAO 150, 2010, *A&A*, **519**, A5
220. Sasada, M., Uemura, M., Arai, A., Fukazawa, Y., Kawabata, K. S.; Ohsugi, T., Yamashita, T., Isogai, M., Nagae, O., Uehara, T., Mizuno, T., Katagiri, H., Takahashi, H., Sato, S., Kino, M., Multiband Photopolarimetric Monitoring of an Outburst of the Blazar 3C 454.3 in 2007, 2010, *PASJ*, **62**, 645
221. Gu, M., Chen, Y., The Compact Radio Structure of Radio-loud Narrow Line Seyfert 1 Galaxies, 2010, *AJ*, **139**, 2612
222. Wu, Jianghua; Zhou, Xu; Ma, Jun; Jiang, Zhaoji, Optical variability and colour behaviour of 3C 345, 2011, *MNRAS*, **418**, 1640
223. Gu, M. F.; Ai, Y. L., The optical variability of steep-spectrum radio quasars in the SDSS stripe 82 region, 2011, *A&A*, **534**, A59
224. Ogle, P. M., Wehrle, A. E., Balonek, T., Gurwell, M. A., Blazar 3C 454.3 in Outburst and Quiescence during 2005-2007: Two Variable Synchrotron Emission Peaks, 2011, *ApJS*, **195**, 19
225. Ghisellini, G., Tavecchio, F., Foschini, L., Ghirlanda, G., The transition between BL Lac objects and flat spectrum radio quasars, 2011, *MNRAS*, **414**, 2674
226. Gu, M.-F., Ai, Y. L., The optical variability of flat-spectrum radio quasars in the SDSS stripe 82 region, 2011, *A&A*, **528**, A95
227. Bonnoli, G., Ghisellini, G., Foschini, L., Tavecchio, F., Ghirlanda, G., The γ -ray brightest days of the blazar 3C 454.3, 2011, *MNRAS*, **410**, 368
228. Hu, S. M., Wu, J., Guo, H. Y., Zhou, X., Zhang, X., Zheng, Y. G., Variability and spectral variation of 3C 66A, 2011, *Ap&SS*, **333**, 213
229. Petrov, G., 30 years studying of galaxies at Rozhen NAO, 2012, *BlgAJ*, **18**, 71
230. Sasada, M.; Uemura, M., Fukazawa, Y., Kawabata, K. S., Itoh, R., Sakon, I., Fujisawa, K., Kadota, A., Ohsugi, T., Yoshida, M., Yasuda, H., Yamanaka, M., Sato, S., Kino, M., Multi-Wavelength Photometric and Polarimetric Observations of the Outburst of 3C 454.3 in 2009 December, 2012, *PASJ*, **64**, 58
231. Bonning, E., Urry, C. M., Bailyn, C., Buxton, M., Chatterjee, R., Coppi, P., Fossati, G., Isler, J., Maraschi, L., SMARTS Optical and Infrared Monitoring of 12 Gamma-Ray Bright Blazars, 2012, *ApJ*, **756**, 13
232. Ghisellini, G., Jetted Active Galactic Nuclei, 2012, *IJMPS*, **8**, 1
233. Roustazadeh Sheikhyousefi, Parisa, Pair Cascades in Blazars and Radio Galaxies, 2012, PhD thesis, College of Arts and Sciences, Ohio University, USA
234. Gu, M. F., Li, S.-L., The ultraviolet/optical variability of steep-spectrum radio quasars: the change in accretion rate? 2013, *A&A*, **554**, A51
235. Isler, J. C., Urry, C. M., Coppi, P., Bailyn, C., Chatterjee, R., Fossati, G., Bonning, E. W., Maraschi, L., Buxton, M., A Time-resolved Study of the Broad-line Region in Blazar 3C 454.3, 2013, *ApJ*, **779**, 100
236. Lei, M.; Wang, J., Modeling the spectral energy distribution of 3C 454.3 in a "flat" broad-line region scenario, 2014, *PASJ*, **66**, 92

237. Sasada, M.; Uemura, M.; Fukazawa, Y.; Yasuda, H.; Itoh, R.; Sakimoto, K.; Ikejiri, Y.; Yoshida, M.; Kawabata, K. S.; Akitaya, H.; Ohsugi, T.; Yamanaka, M.; Komatsu, T.; Miyamoto, H.; Nagae, O.; Nakaya, H.; Tanaka, H.; Sato, S.; Kino, M., Extremely High Polarization in the 2010 Outburst of Blazar 3C 454.3, 2014, *ApJ*, **784**, 141
238. Zhou, Yao; Yan, Da-Hai; Dai, Ben-Zhong, The optical variability properties of flat spectrum radio quasar 3C 454.3, 2015, *NewA*, **36**, 19
239. Qian, Sh.-J., Model simulation for periodic double-peaked outbursts in blazar OJ 287: binary black hole plus lighthouse effect, 2015, *RAA*, **15**, 687
240. Hu, W., Fan, Z.-H., Dai, B.-Z., The nature of the γ -ray flare associated with blazar 3C 454.3, 2015, *RAA*, **15**, art. id. 1455
241. Marchesini, E. J., Andruchow, I., Cellone, S. A., Combi, J. A., Zibecchi, L., Martí, J., Romero, G. E., Muñoz-Arjonilla, A. J., Luque-Escamilla, P., Sánchez-Sutil, J. R., Optical flux behaviour of a sample of Fermi blazars, 2016, *A&A*, **591**, A21
242. Mao, L., Zhang, X., Long-term optical variability properties of blazars in the SDSS Stripe 2016, *A&SS*, **361**, art. 345
243. Malmrose, M. P., Thermal Emission Signatures in Non-thermal Blazars, 2016, PhD Dissertation, Boston University, Boston, MA, USA
244. Fernandes, S. A., Multiwavelength and Polarimetric Analysis of the Flat Spectrum Radio Quasars 3C 273 and 3C 279, 2016, PhD Dissertation, University of Texas at San Antonio, USA
245. Li, X.-P., Luo, Y.-H., Zhang, L., Yang, C., Yang, H.-T., Cai, Y., Simultaneous Swift and Rapid Eye Mount telescope observations of the blazar PKS 0537-441, 2017, *MNRAS*, **464**, 3972
246. Gaur, H., Mohan, P., Wiercholska, A., Gu, M., Signature of Inverse Compton emission from blazars, 2018, *MNRAS*, **473**, 3638
247. Yuan, Y.-H., Chen, Z.-X., He, Y.-X., Long-Term Optical and Spectral Variability of FSRQ 3C454.3, 2018, *Adv. in Astr.*, **Volume 2018**, Art. ID 3435814
248. Fan, X.-L., Li, S.-K., Liao, N.-H., Chen, L., Liu, H.-T., Lu, K.-X., Yan, D.-H., Zhang, R.-Y., Guo, Q., Wu, Q., Bai, J.-M., Optical and Gamma-Ray Variability Behaviors of 3C 454.3 from 2006 to 2011, 2018, *ApJ*, **856**, art. id. 80
249. Meng, N., Zhang, X., Wu, J., Ma, J., Zhou, X., Multi-color optical monitoring of ten blazars from 2005 to 2011, 2018, *ApJS*, **237**, art. id. 30
250. Agarwal, A., Cellone, S. A., Andruchow, I., Mammana, L., Singh, M., Anupama, G. C., Mihov, B., Raj, A., Slavcheva-Mihova, L., Ā-zdönmez, A., Ege, E., Multi-band optical variability of 3C 279 on diverse timescales, 2019, *MNRAS*, **488**, 4093–4105
251. Higgins, A. B., Multiwavelength observations of cosmological transients, 2019, PhD Thesis, Department of Physics and Astronomy, University of Leicester, UK
252. Titarchuk, L., Seifina, E., Chekhtma, A., Ocampo, I., Spectral index-mass accretion rate correlation and evaluation of black hole masses in AGNs 3C 454.3 and M87, 2020, *A&A*, **633**, A73
253. Feng, H.-C., Yang, S., Yang, Z.-X., Liu, H. T., Bai, J. M., Li, S.-S., Zhao, X. H., Zhang, J., Li, Y. B., Xiao, M., Xin, Y. X., Xing, L. F., Lu, K. X., Xu, L., Wang, J. G., Wang, C. J., Zhang, X. L., Zhang, J. J., Lun, B. L., He, S. S., Spectroscopic Monitoring of Blazar S5 0716+714: Brightness-Dependent Spectral Behavior, 2020, *ApJ*, **902**, art. id. 42
254. Hu, W., Yan, D.-h., Hu, Q.-l., Correlations between γ -ray luminosity and magnetization of the jet as well as relativistic electron injection power: cases for Mrk 421, 3C 454.3 and 3C 279, 2021, *MNRAS*, **503**, 2523–2538
255. Zhou, B., Dai, B., Yang, J., Long-term multiband correlation study and spectral energy distribution modeling of blazar 3C 454.3, 2021, *PASJ*, **73(4)**, 850–863
256. Qian, S. J., Britzen, S., Krichbaum, T. P., Witzel, A., Possible evidence for a supermassive binary black hole in 3C454.3, 2021, *A&A*, **653**, A7
257. Webb, J. R., Arroyave, V., Laurence, D., Revesz, S., Bhatta, G., Hollingsworth, H., Dhalla, S., Howard, E., Cioffi, M., The Nature of Micro-Variability in Blazars, 2021, *Galaxies*, **9(4)**, art. id. 114

258. Mohorian, M., Bhatta, G., Adhikari, T. P., Dhital, N., Pánis, R., Dinesh, A., Chaudhary, S. C., Bachchan, R. K., Stuchlík, Z., X-ray timing and spectral variability properties of blazars S5 0716+714, OJ 287, Mrk 501, and RBS 2070, 2022, *MNRAS*, **510**, 5280–5301
259. Kushwaha, P., The BL Lac Object OJ 287: Exploring a Complete Spectrum of Issues Concerning Relativistic Jets and Accretion, 2022, *JA&A*, **43**, art. id. 79
- Skopal, A., Vaňko, M., Pribulla, T., Chochol, D., Semkov, E., Wolf, M., Jones, A., Recent photometry of symbiotic stars, 2007, *AN*, **328**, 909
260. Munari, U.; Siviero, A.; Ochner, P.; Tomasoni, S.; Moschini, F.; Frigo, A.; Moretti, S.; Tomaselli, S.; Baldinelli, L.; Maitan, A.; Vagnozzi, A.; Bacci, S. Long term BVRCIC photometry of carbon and symbiotic stars in the Draco dwarf galaxy, 2008, *IBVS*, **5855**, 1
261. Burmeister, M.; Leedjårv, L., Discovery of Jets from the Spectra of Z~Andromedae, 2008, *ASPC*, **401**, 347
262. Burmeister, M.; Leedjårv, L., Spectroscopy of the symbiotic binary CH Cygni from 1996 to 2007, 2009, *A&A*, **504**, 171
263. Pedretti, E.; Monnier, J. D.; Lacour, S.; Traub, W. A.; Danchi, W. C.; Tuthill, P. G.; Thureau, N. D.; Millan-Gabet, R.; Berger, J.-P.; Lacasse, M. G.; Schuller, P. A.; Schloerb, F. P.; Carleton, N. P., Detection of non-radial pulsation and faint companion in the symbiotic star CH Cyg, 2009, *MNRAS*, **397**, 325
264. Formiggini, L.; Leibowitz, E. M., Discovery of the 1.80 h spin period of the white dwarf of the symbiotic system BF Cyg, 2009, *MNRAS*, **396**, 1507
265. Contini, M.; Angeloni, R.; Rafanelli, P., The symbiotic star CH Cygni. The broad Ly α emission line explained by shocks, 2009, *A&A*, **496**, 759
266. Hinkle, K. H.; Fekel, F. C.; Joyce, R. R., Infrared Spectroscopy of Symbiotic Stars. VII. Binary Orbit and Long Secondary Period Variability of CH Cygni, 2009, *ApJ*, **692**, 1360
267. Angeloni, R., Gas and Dust Spectral Analysis of Galactic and Extragalactic Symbiotic Stars, 2009, PhD thesis, Department of Astronomy, University of Padova, Italy
268. Fekel, F. C.; Hinkle, K. H.; Joyce, R. R.; Wood, P. R., Infrared Spectroscopy of Symbiotic Stars. VIII. Orbits for Three S-Type Systems: AE Arae, Y Coronae Australis, and SS 73-147, 2010, *AJ*, **139**, 1315
269. Angeloni, R.; Contini, M.; Ciroi, S.; Rafanelli, P., The spectral energy distribution of D-type symbiotic stars: the role of dust shells, 2010, *MNRAS*, **402**, 2075
270. Karovska, M., Gaetz, T. J.; Carilli, Ch. L.; Hack, W., Raymond, J. C.; Lee, N. P., A Precessing Jet in the CH Cyg Symbiotic System, 2010, *ApJ*, **710**, L132
271. Leibowitz, E. M., Formiggini, L., Period switching in the symbiotic star BX Mon, 2011, *MNRAS*, **414**, 2406
272. Tomov, N. A., Bisikalo, D. V., Tomova, M. T., Kil'Pio, E. Yu., Interpretation of the Line Spectrum of Classical Symbiotic Stars in the Scenario for their Prototype Z And, 2011, *AIPC*, **1356**, 35
273. McKeever, J., Lutz, J., Wallerstein, G., Munari, U., Siviero, A., High-Dispersion Spectroscopy of BF Cygni at the Beginning of the 2006 Outburst, 2011, *PASP*, **123**, 1062
274. Tomov, N. A.; Tomova, M. T.; Bisikalo, D. V., Mass Ejection from the Symbiotic Prototype Z And during its 2006 Outburst, 2012, *BaltA*, **21**, 112
275. Shore, S. N.; Genovali, K.; Wahlgren, G. M., The Long-Term Spectroscopic Misadventures of AG Dra with a Nod toward V407 Cyg: Degenerates Behaving Badly, 2012, *BaltA*, **21**, 139
276. Leedjårv, L.; Burmeister, M., News from AG Draconis, 2012, *BaltA*, **21**, 131
277. Formiggini, L., Leibowitz, E. M., The historical light curve of the symbiotic star AG Draconis: intense, magnetically induced cyclic activity, 2012, *MNRAS*, **422**, 2648
278. Godon, P., Sion, E. M., Levay, K., Linnell, A. P., Szkody, P., Barrett, P. E., Hubeny, I., Blair, W. P., An Online Catalog of Cataclysmic Variable Spectra from the Far-Ultraviolet Spectroscopic Explorer, 2012, *ApJS*, **203**, 29

279. Tomov, N. A., Tomova, M. T., Bisikalo, D. V., Symbiotic stars with similar line profiles during activity, 2013, *AIPC*, **1551**, 30
280. Calabrò, E., Interacting Winds in Eclipsing Symbiotic Systems - The Case Study of EG Andromedae, 2014, *JApA*, **35**, 69
281. Leedjårv, L., Gális, R., Hric, L., Merc, J., Burmeister, M., Spectroscopic view on the outburst activity of the symbiotic binary AG Draconis, 2016, *MNRAS*, **456**, 2558
282. Kenyon, S. J., Garcia, M. R., EG Andromedae: A New Orbit and Additional Evidence for a Photoionized Wind, 2016, *AJ*, 152, art. id. 1
283. Tomov, T. V., Stoyanov, K. A., Zamanov, R. K., AG Pegasi - now a classical symbiotic star in outburst?, 2016, *MNRAS*, **462**, 4435
284. Weston, J. H. S., Radio Observations as a Tool to Investigate Shocks and Asymmetries in Accreting White Dwarf Binaries, 2016, PhD Dissertations, Graduate School of Arts and Sciences, Columbia University, USA
285. Merc, J., Gális, R., Wolf, M., Leedjårv, L., Teyssier, F., The activity of the symbiotic binary Z Andromedae and its latest outburst, 2019, Proc. of the 50th Conf. on Variable Stars Research, vol. 197, Brno, Czech Republic, ed. R. Kocián, p. 23
286. Boneva, D., Zamanov, R., Detection of possible gamma emission flares in three interacting binary stars, 2020, *BlgAJ*, **32**, 3-11
287. Cho, S.-H., Yang, H., Yun, Y., Yoon, D.-H., Kim, J., Kim, D.-J., Detection of Periodicity in SiO Maser Intensity and Velocity Shift of the Symbiotic Star CH Cyg, 2020, *ApJL*, **897**, L26
288. Munari, U., Traven, G., Masetti, N., Valisa, P., Righetti, G. -L., Hamsch, F. -J., Frigo, A., Cotar, K., De Silva, G. M., Freeman, K. C., Lewis, G. F., Martell, S. L., Sharma, S., Simpson, J. D., Ting, Y. -S., Wittenmyer, R. A., Zucker, D. B., The GALAH Survey and Symbiotic Stars. I. Discovery and follow-up of 33 candidate accreting-only systems, 2021, *MNRAS*, **505**, 6121–6154
289. Merc J., Multi-frequency research of symbiotic binaries, 2022, Charles University, Faculty of Mathematics and Physics, *PhD Thesis*, Prague, Czech Republic
- Mihov, B., Bachev, R., Slavcheva-Mihova, L., Strigachev, A., Semkov, E., Petrov, G., Photometric monitoring of the blazar 3C 345 for the period 1996-2006, 2008, *AN*, **329**, 77
290. Dong, F.-T., Zhang, H.-J., Mao, L.-S., Zhang, X., Zheng, Y.-G., Tang, L., WWZ Analysis on the Variability Data of Quasar 3C 345, 2010, *ChA&A*, **34**, 357
291. Dong, F. T.; Zhang, H. J.; Mao, L. S.; Zhang, X.; Zheng, Y. G.; Tang, L., Wavelet Analysis of the Variability Periodicity Data of Quasar 3C 345, 2010, *AcASn*, **51**, 117
292. Wu, Jianghua; Zhou, Xu; Ma, Jun; Jiang, Zhaoji, Optical variability and colour behaviour of 3C 345, 2011, *MNRAS*, **418**, 1640
293. Goyal, A., Gopal-Krishna, Wiita, P. J., Anupama, G. C., Sahu, D. K., Sagar, R., Joshi, S., Intra-night optical variability of core dominated radio quasars: the role of optical polarization, 2012, *A&A*, **544**, A37
- Raiteri, C. M., Villata, M., Larionov, V. M., ..., Semkov, E., et al., Radio-to-UV monitoring of AO 0235+164 by the WEBT and Swift during the 2006-2007 outburst, 2008, *A&A*, **480**, 339
294. Fan, J.-H., Liu, Y., Qian, B.-Ch., Tao, J., Shen, Z.-Q., Zhang, J.-S., Huang, Y., Wang, J., Long-term variation time scales in OJ 287, 2010, *RAA*, **10**, 1100
295. Zhang, B.-K., Dai, B.-Z., Zhang, L., Cao, Z., Multi-band optical variability of BL Lac object OQ 530, 2010, *RAA*, **10**, 653
296. Zhang, B., Dai, B., Zhang, L., Liu, J., Cao, Z., The Correlated Multi-color Optical Variations of BL Lac Object S5 0716+714, 2010, *PASA*, **27**, 296
297. Zhang, Y. H., Evolution of the Synchrotron and Inverse Compton Emissions of the Low-energy-peaked BL Lac Object S5 0716+714, 2010, *ApJ*, **713**, 180
298. Ikejiri, Y., Uemura, M., Sasada, M., Ito, R., Yamanaka, M., Sakimoto, K., Arai, A., Fukazawa, Y., Ohsugi, T., Kawabata, K. S., Yoshida, M., Sato, S., Kino, M., Photopolarimetric

- Monitoring of Blazars in the Optical and Near-Infrared Bands with the Kanata Telescope. I. Correlations between Flux, Color, and Polarization, 2011, *PASJ*, **63**, 639
299. Sasada, M., Uemura, M., Fukazawa, Y., Kawabata, K. S., Ikejiri, Y., Itoh, R., Yamanaka, M., Sakimoto, K., Ohsugi, T., Yoshida, M., Sato, S., Kino, M., Prominent Polarized Flares of the Blazars AO 0235+164 and PKS 1510-089, 2011, *PASJ*, **63**, 489
300. Marchili, N., Krichbaum, T. P., Liu, X., Song, H.-G., Anderson, J. M., Witzel, A., Zensus, J. A., On the influence of the Sun on the rapid variability of compact extragalactic sources, 2011, *A&A*, **530**, A129
301. Durant, M., Shahbaz, T., Gandhi, P., Cornelisse, R., Muñoz-Darias, T., Casares, J., Dhillon, V., Marsh, T., Spruit, H., O'Brien, K., Steeghs, D., Hynes, R., High time resolution optical/X-ray cross-correlations for X-ray binaries: anticorrelations and rapid variability, 2011, *MNRAS*, **410**, 2329
302. Nesci, R.; Maselli, A.; Montagni, F., Sclavi, S., S5 1803+78 revisited, 2012, *Acta Polytechnica*, **52**, 39
303. Sasada, M., Prominent polarized flares of the blazars AO 0235+164 and PKS 1510-089, 2012, *JPhCS*, **355**, 2023
304. Bonning, E., Urry, C. M., Bailyn, C., Buxton, M., Chatterjee, R., Coppi, P., Fossati, G., Isler, J., Maraschi, L., SMARTS Optical and Infrared Monitoring of 12 Gamma-Ray Bright Blazars, 2012, *ApJ*, **756**, 13
305. Rainò, S., Madejski, G., do Couto e Silva, E., Gargano, F., Reyes, L., Nalewajko, K., Sikora, M., Study of the blazar AO 0235+164 during the multi-wavelength observation period from October 2008 to February 2009, 2013, *NuPhS*, **239**, 270
306. Zhang, B.-K., Wang, S., Zhao, X.-Y., Dai, B.-Zh., Zha, M., Long-term optical and infrared variability of the BL Lac object PKS 0537 – 441, 2013, *MNRAS*, **428**, 3630
307. Tang, J., Analysis on periodic variations of the radio flux of OJ 287 with ensemble empirical mode decomposition, 2013, *Acta Physica Sinica*, **62**, no. 129701
308. Williamson, K. A., Statistical study of multi-frequency emission of blazars, 2013, Master Thesis, Graduate school of arts and sciences, Boston University, USA
309. Wang, H., The optical periodic analysis of BL Lac object AO 0235+164, 2014, *Ap&SS*, **351**, 281
310. Wang, H., Analysis of Optical Variations of BL Lac Object AO 0235+164, 2014, *JAA*, **35**, 87
311. Dai, B.-Z, Zeng, W., Jiang, Z.-J., Fan, Z.-H., Hu, W., Zhang, P.-F., Yang, Q.-Y., Yan, D.-H., Wang, D., Zhang, L., Long-term Multi-band Photometric Monitoring of Blazar S5 0716+714, 2015, *ApJS*, **218**, art. id. 18
312. Marshall, P. J.; Lintott, C. J.; Fletcher, L. N., Ideas for Citizen Science in Astronomy, 2015, *ARA&A*, **53**, 247
313. Baldi, R. D., Behar, E., Laor, A., Horesh, A., Millimeter-band variability of the radio-quiet nucleus of NGC7469, 2015, *MNRAS*, **454**, 4277
314. Zhang, B. K., Zhao, X. Y., Zhang, L., Dai, B. Z., Correlation Investigation of Radio and Optical Variations in a Large Sample of Fermi Blazars, 2017, *ApJ Supp. Ser.*, **231**, art. id. 14
315. Li, X.-P., Luo, Y.-H., Yang, H.-Y., Yang, Ch., Cai, Y., Yang, H.-T., A Search for Quasi-periodic Oscillations in the Blazar 1ES 1959+650, 2017, *ApJ*, 847, art. no. 8
316. Yuan, Y.-H., Chen, Z.-X., He, Y.-X., Long-Term Optical and Spectral Variability of FSRQ 3C454.3, 2018, *Adv. in Astr.*, **Volume 2018**, Art. ID 3435814
317. Kharinov, M. A., Konnikova, V. K., Ipatov, A., V., Ipatova, I. A., Erkenov, A. K., Monitoring of the Blazar J0238+1636 with the RATAN-600 and RT-32 in 2014-2019, 2020, *Ast. Rep.*, **97(4)**, 328-340
318. Safna, P. Z., Stalin, C. S., Rakshit, S., Mathew, B., Long term optical and infrared variability characteristics of Fermi Blazars, 2020, *MNRAS*, **498**, 3578–3591
319. Silva Junior, F. B. D., Caproni, A., Kinematics of the parsec-scale jet of the blazar AO 0235+164, 2021, *Proc. of IAU Symp.*, **359**, pp. 345-346

- Semkov, E. H., Tsvetkov, M. K., Borisova A. P., Stavrev, K. Y., Krol, P., Birkle, K., Mandel, H., Mito, H., Tarusawa K., A Long-term photometric study of V 1184 Tau, 2008, *A&A*, **483**, 537
320. Grinin, V. P., Arkharov, A. A., Barsunova, O. Yu., Sergeev, S. G., Tambovtseva, L. V., Photometric activity of the UX Ori star V1184 Tau in the optical and near-infrared spectral ranges, 2009, *AstrL*, **35**, 115
321. Reipurth, B., Aspin, C., FUors and Early Stellar Evolution, in *Evolution of Cosmic Objects through their Physical Activity*, Proc. of the Conf. dedicated to Viktor Ambartsumian's 100th anniversary, 15-18 Sep 2008, 2010, Yerevan and Byurakan, Armenia, Eds. H.A. Harutyunian, A.M. Mickaelian, Y. Terzian, Yerevan, "Gitutyun" Publishing House of NAS RA, 19
322. Giannini, T., Lorenzetti, D., Harutyunyan, A., Li Causi, G., Antonucci, S., Arkharov, A. A., Larionov, V. M., Strafella, F., Carini, R., Di Paola, A., Speziali, R., A new insight into the variability of V1184 Tauri, 2016, *A&A*, **588**, A20
- Semkov, E. H., Peneva, S. P., BVRI photometric observations of V733 Cep (Persson's star), 2008, *IBVS*, **5831**, 1
323. Munari, U., Plate Archive Photometry of Candidate Variable Stars in Cepheus OB3 Association, 2009, *IBVS*, **5885**, 1
324. Melikian, N. D., Gomez, J., Karapetian, A. A., New H α Emission Stars in Cep OB3 Region. A Rapid Brightness Variation of V 733 Cep, 2014, *Astrophysics*, **57**, 500
325. Sergison, D. J., Untangling the signals: Investigating accretion and photometric variability in young stars. An observational analysis, 2015, PhD thesis, University of Exeter, Exeter, Devon UK
326. Postel, A., Audard, M., Vorobyov, E., Dionatos, O., Rab, C., Güdel, M., Infrared and sub-mm observations of outbursting young stars with Herschel and Spitzer, 2019, *A&A*, **631**, A30
- Bachev, R., Strigachev, A., Semkov, E., Mihov, B., Spectroscopy of bright quasars: emission lines and internal extinction, 2008, *A&A*, **488**, 887
327. Petrov, G, 30 years studying of galaxies at Rozhen NAO, 2012, *BlgAJ*, **18**, 71
328. Tilton, E. M., The Ultraviolet Spectra of Active Galactic Nuclei: Intrinsic Properties and Intervening Material, 2017, *PhD Dissertation*, University of Colorado at Boulder, USA
329. Vivian, U., Barth, A. J., Vogler, H. A. et al., The Lick AGN Monitoring Project 2016: Velocity-Resolved H β Lags in Luminous Seyfert Galaxies, 2022, *ApJ*, **925**, art. id. 52
- Raiteri, C. M., Villata, M., Larionov, V. M., ..., Semkov, E., et al., A new activity phase of the blazar 3C 454.3 - Multifrequency observations by the WEBT and XMM-Newton in 2007–2008, 2008, *A&A*, **491**, 755
330. Bauer, A., Baltay, C., Coppi, P., Ellman, N., Jerke, J, Rabinowitz, D., Scalzo, R., Blazar Optical Variability in the Palomar-Quest Survey, 2009, *ApJ*, **699**, 1732
331. Bonning, E. W.; Bailyn, C.; Urry, C. M.; Buxton, M.; Fossati, G.; Maraschi, L.; Coppi, P.; Scalzo, R.; Isler, J.; Kaptur, A., Correlated Variability in the Blazar 3C 454.3, 2009, *ApJ*, **697**, L81
332. Pushkarev, A. B.; Kovalev, Y. Y.; Lister, M. L., Radio/Gamma-ray Time Delay in the Parsec-scale Cores of Active Galactic Nuclei, 2010, *ApJ*, **722**, L7
333. Yuan, Y. H., A New Method to Calculate the Time Delays in Blazars, 2010, *AcASn*, **51**, 228
334. Sasada, M., Uemura, M., Arai, A., Fukazawa, Y., Kawabata, K. S.; Ohsugi, T., Yamashita, T., Isogai, M., Nagae, O., Uehara, T., Mizuno, T., Katagiri, H., Takahashi, H., Sato, S., Kino, M., Multiband Photopolarimetric Monitoring of an Outburst of the Blazar 3C 454.3 in 2007, 2010, *PASJ*, **62**, 645
335. Wu, Jianghua; Zhou, Xu; Ma, Jun; Jiang, Zhaoji, Optical variability and colour behaviour of 3C 345, 2011, *MNRAS*, **418**, 1640

336. Ogle, P. M., Wehrle, A. E., Balonek, T., Gurwell, M. A., Blazar 3C 454.3 in Outburst and Quiescence during 2005-2007: Two Variable Synchrotron Emission Peaks, 2011, *ApJS*, **195**, 19
337. Ikejiri, Y., Uemura, M., Sasada, M., Ito, R., Yamanaka, M., Sakimoto, K., Arai, A., Fukazawa, Y., Ohsugi, T., Kawabata, K. S., Yoshida, M., Sato, S., Kino, M., Photopolarimetric Monitoring of Blazars in the Optical and Near-Infrared Bands with the Kanata Telescope. I. Correlations between Flux, Color, and Polarization, 2011, *PASJ*, **63**, 639
338. Zhai, M., Zheng, W. K., Wei, J. Y., Multi-colour optical variability of the blazar 3C 454.3 in 2007-2010, 2011, *A&A*, **531**, A90
339. Hu, S. M., Wu, J., Guo, H. Y., Zhou, X., Zhang, X., Zheng, Y. G., Variability and spectral variation of 3C 66A, 2011, *Ap&SS*, **333**, 213
340. Yu-hai, Y., A New Method for Processing the Correlation of Light Variation Time Delays, 2011, *ChAA*, **35**, 218
341. Sasada, M., Uemura, M., Fukazawa, Y., Kawabata, K. S., Itoh, R., Sakon, I., Fujisawa, K., Kadota, A., Ohsugi, T., Yoshida, M., Yasuda, H., Yamanaka, M., Sato, S., Kino, M., Multi-Wavelength Photometric and Polarimetric Observations of the Outburst of 3C 454.3 in 2009 December, 2012, *PASJ*, **64**, 58
342. Donnarumma, I., A review of the multiwavelength studies on the blazars detected by AGILE, 2012, *JPhCS*, **355**, 2004
343. Roustazadeh Sheikhyousefi, P., Pair Cascades in Blazars and Radio Galaxies, 2012, PhD thesis, College of Arts and Sciences of Ohio University, USA
344. Stefan Rügamer, Multi-Wavelength Observations of the high-peaked BL Lacertae objects 1ES 1011+496 and 1ES 2344+514, 2013, PhD thesis, Julius-Maximilians-Universität, Würzburg, Germany
345. Wehrle, A. E., Wiita, P. J., Unwin, S. C., Di Lorenzo, P., Revalschi, M., Silano, D., Sprague, D., Kepler Photometry of Four Radio-loud Active Galactic Nuclei in 2010-2012, 2013, *ApJ*, **773**, 89
346. Lei, M., Wang, J., Modeling the spectral energy distribution of 3C 454.3 in a "flat" broad-line region scenario, 2014, *PASJ*, **66**, 92
347. Hu, S. M.; Chen, X.; Guo, D. F.; Jiang, Y. G.; Li, K., Quasi-simultaneous multicolour optical variability of S5 0716+714, 2014, *MNRAS*, **443**, 2940
348. Sasada, M., Uemura, M., Fukazawa, Y., Yasuda, H., Itoh, R., Sakimoto, K., Ikejiri, Y., Yoshida, M., Kawabata, K. S., Akitaya, H., Ohsugi, T., Yamanaka, M., Komatsu, T., Miyamoto, H., Nagae, O., Nakaya, H., Tanaka, H., Sato, S., Kino, M., Extremely High Polarization in the 2010 Outburst of Blazar 3C 454.3, 2014, *ApJ*, **784**, 141
349. Wang, H., Analysis of Optical Variations of BL Lac Object AO 0235+164, 2014, *JApA*, **35**, 87
350. Zhou, Y.; Yan, D.-H.; Dai, B.-Z., The optical variability properties of flat spectrum radio quasar 3C 454.3, 2015, *NewA*, **36**, 19
351. Li, X.; Zhang, L.; Luo, Y., Wang, L., Zhou, L., Colour variation of the BL Lacertae object PKS 0537-441, 2015, *MNRAS*, **449**, 2750
352. Hu, W., Fan, Z.-H., Dai, B.-Z., The nature of the γ -ray flare associated with blazar 3C 454.3, 2015, *RAA*, **15**, art. id. 1455
353. Mao, L., Zhang, X., Long-term optical variability properties of blazars in the SDSS Stripe, 2016, *A&SS*, **361**, art. 345
354. Balenderan, Sh., On the Connection between the Gamma-ray and (Sub-)mm Emission in Active Galactic Nuclei, 2016, PhD thesis, Department of Physics, Durham University, UK
355. Zhang, B. K., Zhao, X. Y., Zhang, L., Dai, B. Z., Correlation Investigation of Radio and Optical Variations in a Large Sample of Fermi Blazars, 2017, *ApJ Supp. Ser.*, **231**, art. id. 14
356. Bhatta, G., Radio and γ -ray variability in the BL Lac PKS 0219 -164: Detection of quasi-periodic oscillations in the radio light curve, 2017, *ApJ*, **847**, art. id. 7
357. Gaur, H., Mohan, P., Wierzcholska, A., Gu, M., Signature of Inverse Compton emission from blazars, 2018, *MNRAS*, **473**, 3638

358. Fan, X-L., Li, S-K., Liao, N.-H., Chen, L., Liu, H.-T., Lu, K.-X., Yan, D.-H., Zhang, R.-Y., Guo, Q., Wu, Q., Bai, J.-M., Optical and Gamma-Ray Variability Behaviors of 3C 454.3 from 2006 to 2011, 2018, *ApJ*, **856**, art. id. 80
359. Gopal-Krishna, Wiita, P. J., Optical monitoring of Active Galactic Nuclei from ARIES, 2018, Bulletin of Liège Royal Society of Sciences, **87**, Actes de colloques, 281-290
360. Zhang, X., Wu, J., Meng, N., Intra-day optical multi-band quasi-simultaneous observation of BL Lacertae object S5 0716+714 from 2013 to 2016, 2018, *MNRAS*, **478**, 3513
361. Hernández-García, L., Vietri, G., Panessa, F., Piconcelli, E. Chavushyan, V., Jiménez-Andrade, E. F., Bassani, L., Bazzano, A., Cazzoli, S., Malizia, A., Masetti, N., Monaco, L., Pović, M., Saviane, I., Ubertini, P., Variable broad lines and outflow in the weak blazar PBC J2333.9-2343, 2018, *MNRAS*, **478**, 4634
362. Meng, N., Zhang, X., Wu, J., Ma, J., Zhou, X., Multi-color optical monitoring of ten blazars from 2005 to 2011, 2018, *ApJS*, **237**, art. id. 30
363. Patel, S. R., Chitnis, V. R., Shukla, A., Rao, A. R., Nagare, B. J., Temporal variability and estimation of jet parameters for Ton 599, 2018, *ApJ*, **886**, art. id. 102
364. Titarchuk, L., Seifina, E., Chekhtma, A., Ocampo, I., Spectral index-mass accretion rate correlation and evaluation of black hole masses in AGNs 3C 454.3 and M87, 2020, *A&A*, **633**, A73
365. Xiong, D., Bai, J., Fan, J., Yan, D., Gu, M., Fan, X., Mao, J., Ding, N., Xue, R., Yi, W., Multicolor Optical Monitoring of the Blazar S5 0716+714 from 2017 to 2019, 2020, *ApJS*, **247**, art. id. 49
366. Sahakyan, N., Modeling the Broadband Emission of 3C 454.3, 2021, *MNRAS*, **504**, 5074–5086
367. Zhou, B., Dai, B., Yang, J., Long-term multiband correlation study and spectral energy distribution modeling of blazar 3C 454.3, 2021, *PASJ*, **73(4)**, 850–863
368. Dai, Y., Fang, Y., Zhang, X., Meng, N., Wu, J., Zhu, Z.-H., Intra-day multi-band optical variability of BL Lacertae object S5 0716+714, 2021, *MNRAS*, **507**, 455–465
369. Guise, E., Hönic, S. F., Almeyda, T., et al., Multi-wavelength Optical and NIR Variability Analysis of the Blazar PKS 0027-426, 2022, *MNRAS*, **510**, 3145–3177
370. Fang, Y., Zhang, Y., Chen, Q., Wu, J., Intraday Optical Multiband Observation of BL Lacertae, 2022, *ApJ*, **926**, art. id. 91
371. Zhang, Y., Fang, Y., Wu, J.-h., Dai, Y., Meng, N.-k., Multi-Wavelength Optical Variability of High Redshift Blazar 4C 38.41, 2022, *Chinese Astronomy and Astrophysics*, **46(1)**, 36-48
372. Zhang, B.-K., Zhao, X.-Y., Wu, Q., Optical Spectral Variations of a Large Sample of Fermi Blazars, 2022, *ApJ Supp. Ser.*, **259**, art. id 49
373. Yuan, Y. H., Wang, G. G., Xiao, H. B., Fan, J. H., Huang, H. R., Ding, G. Z., Wen, G. Z., Wu, F. J., Optical Monitoring and Variability Analyses of the FSRQ 3C 454.3, 2022, *ApJ Supp. Ser.*, **262**, art. id 43
374. Guise, E., Probing the Inner Regions of Active Galactic Nuclei through Variability Analysis, 2022, PhD thesis, University of Southampton, Faculty of Engineering and Physical Sciences School of Physics and Astronomy, UK
375. Sinitsyna, V. G., Sinitsyna, V. Y., Borisov, S., Studies of bright flat-spectrum radio quasar 3C 454. 3 at high and very-high-energies, 2024, *AN*, **345 (2-3)**, e240007
- Böttcher, M., Fultz, K., Aller, H. D.,..., Semkov, E. et al., The Whole Earth Blazar Telescope Campaign on the Intermediate BL Lac Object 3C 66A in 2007-2008, 2009, *ApJ*, **694**, 174
376. Fan, J. H.; Peng, Q. S.; Tao, J.; Qian, B. C.; Shen, Z. Q. Optical Observations of 3C 273 From 2000 to 2008, 2009, *AJ*, **138**, 1428
377. Fan, J.-H., Liu, Y., Qian, B.-C., Tao, J. Shen, Z.-Q., Zhang, J.-S., Huang, Y., Wang, J., Long-term variation time scales in OJ 287, 2010, *RAA*, **10**, 1100
378. Yang, J.; Wang, J., Mechanism of very high-energy radiation in BL Lacertae object 3C 66A, 2010, *A&A*, **511**, A11

379. Wu, Jianghua; Zhou, Xu; Ma, Jun; Jiang, Zhaoji, Optical variability and colour behaviour of 3C 345, 2011, *MNRAS*, **418**, 1640
380. Fan, J. H., Xu, W., Pan, J., Yuan, Y. H., Radio variability of blazars, 2011, *IAUS*, **275**, 164
381. Fan, J. H.; Liu, Y.; Li, Y.; Zhang, Q. F.; Tao, J.; Kurtanidze, O., Variability of Blazars, 2011, *JApA*, **32**, 67
382. Yan, D.-H., Fan, Zh.-H., Zhou, Y., Dai, B.-Zh., Multi-wavelength emission from 3C 66A: clues to its redshift and gamma-ray emission location, 2013, *RAA*, **13**, 411
383. Tang, J., Analysis on periodic variations of the radio flux of OJ 287 with ensemble empirical mode decomposition, 2013, *Acta Physica Sinica*, **62**, no. 129701
384. Li, X.; Zhang, L.; Luo, Y., Wang, L., Zhou, L., Colour variation of the BL Lacertae object PKS 0537-441, 2015, *MNRAS*, **449**, 2750
385. Torres Zafra, J., Caracterización espectrofotométrica del entorno de una muestra de objetos BL Lac en el óptico, 2017, Tesis de doctorado, Facultad de Ciencias Astronómicas y Geofísicas, Universidad Nacional de La Plata, Argentina
386. Kaur, N., Sameer, Baliyan, K. S., Ganesh, S., Optical intra-day variability in 3C 66A: 10 years of observations, 2017, *MNRAS*, **469**, 2305
387. Fan, J. H., Tao, J., Liu, Y., Yuan, Y. H., Sawangwit, U., Yang, J. H., Huang, Y., Zhang, Y. T., Zhang, J. Y., Zhang, L. X., Zhu, J. T., Optical Photometric Monitoring for 3C 66A during 1996–2009 and Its Periodicity Analysis, 2018, *AJ*, **155**, article id. 90
388. Gopal-Krishna, Wiita, P. J., Optical monitoring of Active Galactic Nuclei from ARIES, 2018, Bulletin of Liège Royal Society of Sciences, **87**, Actes de colloques, 281-290
389. Krishna Mohana, A., Bhattacharya, D., Misra, R., Bhattacharyya, S., Bhatt, N., Long term multi-band monitoring of blazar 3C 66A: Evidence of the two distinct states with different baseline flux, 2021, *MNRAS*, **507**, 3653–3659
390. Agarwal, A., Pandey, A., Özdönmez, A., Ege, E., Das, A. K., Karakulak, V., Characterizing the optical nature of the blazar S5 1803+784 during its 2020 flare, 2022, *ApJ*, **933**, art. id. 42
391. Zeng, W., Wen, T., Gong, Z.-L., Chen, S., Wu, F., Zhang, H.-Y., Dai, B.-Z., Photometric Monitoring of Blazar 3C 66A with the Yunnan University Astronomical Observatory 1m telescope, 2023, *RAA*, **23**, art. id. 045014
- Bachev, R., Grupe, D., Boeva, S., Ovcharov, E., Valcheva, A., Semkov, E., Georgiev, Ts., Gallo, L. C., Studying X-ray reprocessing and continuum variability in quasars: PG 1211+143, 2009, *MNRAS*, **399**, 750
392. Takahashi, H., Hayashida, K., Anabuki, N., Suzaku Wide-Band X-Ray Observation of the Narrow-Line Seyfert 1 Galaxy Ton S180, 2010, *PASJ*, **62**, 1483
393. Koptelova, E., Oknyanskij, V., Optical Observations of Lensed Quasars: Multiwavelength Correlations and Interband Time Delays, 2010, *OAJ*, **3**, 184
394. Reeves, J. N., Porquet, D., Braitto, V., Gofford, J., Nardini, E., Turner, T. J., Crenshaw, D. M., Kraemer, S. B., A High Resolution View of the Warm Absorber in the Quasar MR 2251-178, 2013, *ApJ*, **776**, 99
395. Hiroaki Takahashi, Study of the X-ray Spectral Components in Narrow-Line Seyfert 1 Galaxies, 2013, PhD thesis, Department of Earth and Space Science, Osaka University, Japan
396. Lohfink, A. M., Reynolds, C. S., Vasudevan, R., Mushotzky, R. F., Miller, N. A., The Fast UV Variability of the Active Galactic Nucleus in Fairall 9, 2014, *ApJ*, **788**, 10
397. Lohfink, A. M., Probing the Central Regions of Active Galactic Nuclei, 2014, PhD Dissertation, University of Maryland, USA
398. Pounds, K. A., The soft X-ray spectrum of the luminous narrow line Seyfert galaxy PG 1211+143 - evidence for a second high-velocity outflow component, 2014, *MNRAS*, **437**, 3221

399. Fukumura, K., Tombesi, F., Kazanas, D., Shrader, C., Behar, E., Contopoulos, I., Magnetically Driven Accretion Disk Winds and Ultra-fast Outflows in PG 1211+143, 2015, *ApJ*, **805**, 17
400. Lobban, A., Vaughan, S., Pounds, K., Reeves, J., X-ray timing analysis of the quasar PG 1211+143, 2016, *MNRAS*, **457**, 38
401. Papadakis, I. E., Nicastro, F., Panagiotou, C., Modelling the variable broad-band optical/UV/X-ray spectrum of PG1211+143: Implications for the ionized outflow, 2016, *A&A*, **591**, A102
402. Buisson, D. J. K., Lohfink, A. M., Alston, W. N., Fabian, A. C., Ultraviolet and X-ray variability of active galactic nuclei with Swift, 2017, *MNRAS*, **464**, 3194
403. Zhu, F.-F., Wang, J.-X., Cai, Z.-Y., Sun, Y.-H., Sun, M.-Y., Zhang, J.-X., On the UV/optical variation in NGC 5548: new evidence against the reprocessing diagram, 2018, *ApJ*, **860**, art. id. 29
404. Liu, H., Luo, B., Brandt, W. N., Brotherton, M. S., Du, P., Gallagher, S. C., Hu, C., Shemmer, O., Wang, J.-M., SDSS J075101.42+291419.1: A Super-Eddington Accreting Quasar with Extreme X-ray Variability, 2019, *ApJ*, **878**, art. id. 79
405. Buisson, D. J. K., Spectra and variability of accreting blackholes Using X-ray observations, 2019, Dissertation for the degree of Doctor of Philosophy, Institute of Astronomy, University of Cambridge, UK
406. Pu, X., Luo, B., Brandt, W. N., Timlin, J. D., Liu, H., Ni, Q., Wu, J., On the Fraction of X-ray Weak Quasars from the Sloan Digital Sky Survey, 2020, *ApJ*, **900**, art. id. 141
407. Lira, P., A status report on AGN variability. 2021, Proc. of IAU, S356, 101-115
408. Liu, H., Luo, B., Brandt, W. N., Brotherton, M. S., Gallagher, S. C., Ni, Q., Shemmer, O., Timlin, J. D. III, On the Observational Difference Between the Accretion Disk-Corona Connections among Super- and Sub-Eddington Accreting Active Galactic Nuclei, 2021, *ApJ*, **910**, art. id. 103
409. Zhang, W. J., Shu, X. W., Sheng, Z. F., Sun, L. M., Dou, L. M., Jiang, N., Wang, J. G., Hu, X. Y., Wang, Y. B., Wang, T. G., Discovery of late-time X-ray flare and anomalous emission line enhancement after the nuclear optical outburst in a narrow-line Seyfert 1 Galaxy, 2022, *A&A*, **660**, A119
410. Sou, H., Wang, J.-X., Xie, Z.-L., Kang, W.-Y., Cai, Z.-Y., The Relation between X-ray and Ultraviolet Variability of Quasars, 2022, *MNRAS*, **512**, 5511–5519
411. Zhang, Z., Luo, B., Brandt, W. N., Du, P., Hu, C., Huang, J., Pu, X., Wang, J.-M., Yi, W., XMM-Newton Observations of Two Archival X-ray Weak Type 1 Quasars: Obscuration Induced X-ray Weakness and Variability, 2023, *ApJ*, **954**, art. id. 159
- Raiteri, C. M., Villata, M., Capetti, A.,..., Semkov, E. et al., WEBT multiwavelength monitoring and XMM-Newton observations of BL Lacertae in 2007–2008. Unveiling different emission components, 2009, *A&A*, **507**, 769
412. Ogle, P. M., Wehrle, A. E., Balonek, T., Gurwell, M. A., Two Variable Synchrotron Emission Peaks, 2011, *ApJS*, **195**, 19
413. Zhai, M.; Wei, J. Y., Intra-night optical multiband variability of BL Lacertae during the 2011 outburst, 2012, *A&A*, **538**, 125
414. Niinuma, K.; Kino, M.; Nagai, H.; Isobe, N.; Gabanyi, K. E.; Hada, K.; Koyama, S.; Asada, K.; Oyama, T.; Fujisawa, K., Possible Detection of Apparent Superluminal Inward Motion in Markarian 421 after the Giant X-Ray Flare in 2010 February, 2012, *ApJ*, **759**, 84
415. Riva, A., Gai, M., Solid telescopes for interferometric enhancement of existing telescopes, 2012, *Proceedings of SPIE*, **8444**, id. 845008-845008-7
416. Zhang, Y.-H., Bian, F.-Y., Li, J.-Zh., Shang, R.-Ch., Optical observations of BL Lacertae in 2004-2005, 2013, *MNRAS*, **432**, 1189
417. Falomo, R., Pian, E., Treves, A., An optical view of BL Lacertae objects, 2014, *A&Arv*, **22**, 73

418. Vince, O.; Damjanovic, G., Research of Blazars at the Astronomical Observatory of Belgradem, 2014, *SerAJ*, **188**, 67
419. Guo, Y. C.; Hu, S. M.; Xu, C.; Liu, C. Y.; Chen, X.; Guo, D. F.; Meng, F. Y.; Xu, M. T.; Xu, J. Q., Long-term optical and radio variability of BL Lacertae, 2015, *NewA*, **36**, 9
420. Wierzcholska, A., Wagner, S., X-ray spectral studies of TeV gamma-ray emitting blazars, 2016, *MNRAS*, **458**, 56
421. Guo, Y. C., Hu, S. M., Li, Y. T., Chen, X., Statistical Analysis on Temporal Properties of BL Lacertae, 2016, *MNRAS*, **460**, 1790
422. Balenderan, Sh., On the Connection between the Gamma-ray and (Sub-)mm Emission in Active Galactic Nuclei, 2016, PhD thesis, Department of Physics, Durham University, UK
423. Meng, N., Wu, J., Webb, J. R.; Zhang, X., Dai, Y., Intraday optical variability of BL Lacertae, 2017, *MNRAS*, **469**, 3588
424. Titarchuk, L., Seifina, E., BL Lacertae: X-ray spectral evolution and a black-hole mass estimate, 2017, *A&A*, **602**, id. A113
425. Gaur, H., Mohan, P., Wierzcholska, A., Gu, M., Signature of Inverse Compton emission from blazars, 2018, *MNRAS*, **473**, 3638
426. Yan, D., Wu, Q., Fan, X., Zhang, L., Wang, J., A Method for Locating High Energy Dissipation Region in Blazars, 2018, *ApJ*, **859**, art. id. 168
427. Gopal-Krishna, Wiita, P. J., Optical monitoring of Active Galactic Nuclei from ARIES, 2018, Bulletin of Liège Royal Society of Sciences, **87**, Actes de colloques, 281-290
428. Aditya, J. N. H. S., Kanekar, N., A Giant Metrewave Radio Telescope survey for associated HI 21 cm absorption in the Caltech-Jodrell Flat-spectrum sample, 2018, *MNRAS*, **481**, 1578
429. Yan, D., Zhou, J., Zhang, P., Zhu, Q., Wang, J., Testing relativistic boost as the cause of gamma-ray quasi-periodic oscillation in blazar, 2018, *ApJ*, **867**, art. id. 53
430. Gazeas, K., Long-Term Optical Monitoring of Blazars, 2019, *Galaxies*, **7(2)**, art. id. 58
431. Sosa, M., Estudio observacional de la emisión óptica de blazares detectados a altas energías, 2019, Tesis Doctoral, Universidad Nacional de La Plata, Facultad de Ciencias Astronómicas y Geofísicas, Argentina
432. Hu, W., Yan, D.-h., Hu, Q.-l., Correlations between γ -ray luminosity and magnetization of the jet as well as relativistic electron injection power: cases for Mrk 421, 3C 454.3 and 3C 279, 2021, *MNRAS*, **503**, 2523–2538
433. Rajput, B., Shah, Z., Stalin, C. S., Sahayanathan, S., Rakshit, S., Correlation between optical and γ -ray flux variations in BL Lacs, 2021, *MNRAS*, **504**, 1772–1786
434. Li, T., Wu, J.-H., Meng, N.-K., Dai, Y., Zhang, X.-Y., Intra-day variability of BL Lacertae from 2016 to 2018, 2021, *RAA*, **21**, art. id. 259
435. Prince, R., Broadband study of BL Lac during flare of 2020: Spectral evolution and emergence of HBL component, 2021, *MNRAS*, **507**, 5602–5612
436. Fan, X.-L., Yan, D.-H., Wu, Q.-W., Chen, X., Constraining Evolution of Magnetic Field Strength in Dissipation Region of Two BL Lac Objects, 2021, *RAA*, **21(12)**, art. id. 302
437. D'Ammando, F., NICER, NuSTAR and Swift follow-up observations of the g-ray flaring blazar BL Lacertae in 2020 August–October, 2022, *MNRAS*, **509**, 52–67
438. Fang, Y., Zhang, Y., Chen, Q., Wu, J., Intraday Optical Multiband Observation of BL Lacertae, 2022, *ApJ*, **926**, art. id. 91
439. Mondal, S., Rani, P., Stalin, C. S., Chakrabarti, S. K., Rakshit, S., Flux and spectral variability of Mrk 421 during its moderate activity state using NuSTAR: Possible accretion disc contribution?, 2022, *A&A*, **663**, A178
440. Sahakyan, N., Giommi, P., A 13-yr-long broad-band view of BL Lac, 2022, *MNRAS*, **513**, 4645–4656
441. Rajput, B., Pandey, A., Stalin, C. S., Mathew, B., Study of correlation between optical flux and polarization variations in BL Lac objects, 2022, *MNRAS*, **517**, 3236–3256

- Peneva, S. P., Semkov, E. H., Stavrev, K. Y., Photometric study of the FUor star V 1735 Cyg (Elias 1-12), 2009, *Ap&SS*, **323**, 329-335
442. Wendeborn, J., Espaillat, C. C., Macias, E., Feher, O., Kospal, A., Hartmann, L., Zhu, Z., Dunham, M. M., Kounkel, M., A Study of Millimeter Variability in FUor Objects, 2020, *ApJ*, **897**, art. id. 54
- Semkov, E., Bachev, R., Strigachev, A., Gupta, A. C., Rani, B., Gaur, H., Ovcharov, E., Mihov, B., Valcheva, A., Peneva, S., Boeva, S., Kacharov, N., Short term optical variability of blazars: first results from joint international collaborations, 2010, *BlgAJ*, **14**, 37
443. Sabzi, S. M., Aghaee, A., Data reduction and analysis of the multiband optical images of the blazar Mrk180, 2012, *Iranian Journal of Physics Research*, **12**, 17
- Peneva, S. P., Semkov, E. H., Stavrev, K. Y., Long-term light curves of four young variable stars, 2010, *BlgAJ*, **14**, 79
444. Tsvetkov, M., The Wide-Field Plate Database: Development and Access via Internet, 2012, *Serdika J. Computing*, **6**, 1-18
445. Tsvetkov, M., Wide-Field Plate Database: Development and Access via Internet in the Period January 2009 - June 2010, 2012, *Publ. Astron. Society R. Boskovic*, **11**, 25
446. Grinin, V. P., Discs around A-type and related stars Putting A Stars into Context: Evolution, Environment, and Related Stars, Proc. of the int. conf., June 3-7, 2013, Moscow, Russia, 2014, 36-44
447. Vorobyov, E. I., Elbakyan, V. G., Liu, H. B., Takami, M., Distinguishing between different mechanisms of FU-Orionis-type luminosity outbursts, 2021, *A&A*, **647**, A44
- Semkov, E. H., Peneva, S. P., Optical photometry of Parsamian 21, 2010, *IBVS*, No. 5939, 1-4
448. Connelley, M., Reipurth, B., A Near-infrared Spectroscopic Survey of FU Orionis Objects, 2018, *ApJ*, **861**, art. id. 145
- Peneva, S. P., Semkov, E. H., Munari, U., Birkle, K., A long-term photometric study of the FU Orionis star V733 Cep, 2010, *A&A*, **515**, A24
449. Aaron J. Maxwell, Kicking at the Darkness: Detecting Deeply Embedded Protostars at 1–10 μm , 2010, A Thesis Submitted in Partial Fulfillment of the Requirements for the Degree of MASTER OF SCIENCE, Department of Physics & Astronomy, University of Victoria
450. Covey, K. R., Hillenbrand, L. A., Miller, A. A. et al., PTF10nvg: An Outbursting Class I Protostar in the Pelican/North American Nebula, 2011, *AJ*, **141**, 40
451. Stamatellos, D., Whitworth, A. P., Hubber, D. A., The Importance of Episodic Accretion for Low-mass Star Formation, 2011, *ApJ*, **730**, 32
452. Stamatellos, D., Hubber, D., Whitworth, A., Episodic accretion, radiative feedback, and their role in low-mass star formation, 2011, *ASPC*, **511**, 213
453. Stamatellos, D., Whitworth, A. P., Hubber, D. A., Episodic accretion, protostellar radiative feedback, and their role in low-mass star formation, 2012, *MNRAS*, **427**, 1182-1193
454. Lomax, O. D., Simulations of Star Formation in Ophiuchus, 2013, PhD thesis, School of Physics and Astronomy, Cardiff University
455. Tsvetkov, M., The Wide-Field Plate Database: Development and Access via Internet, 2012, *Serdika J. Computing*, **6**, 1-18
456. Tsvetkov, M., Wide-Field Plate Database: Development and Access via Internet in the Period January 2009 - June 2010, 2012, *Publ. Astron. Society R. Boskovic*, **11**, 25
457. Lomax, O.; Whitworth, A. P.; Hubber, D. A.; Stamatellos, D.; Walch, S., Simulating star formation in Ophiuchus, 2014, *MNRAS*, **439**, 3039
458. Audard, M., Ábrahám, P., Dunham, M. M., Green, J. D., Grosso, N., Hamaguchi, K., Kastner, J. H., Kóspál, Á., Lodato, G., Romanova, M., Skinner, S. L., Vorobyov, E. I., Zhu, Z.,

Episodic Accretion in Young Stars, 2014, Protostars and Planets VI, University of Arizona Press, eds. H. Beuther, et al., 387

459. Gramajo, L. V., Rodon, J. A., Gomez, M., SED analysis of class I and class II FU Orionis stars, 2014, *AJ*, **147**, id. 140

460. Melikian, N. D., Gomez, J., Karapetian, A. A., New H α Emission Stars in Cep OB3 Region. A Rapid Brightness Variation of V 733 Cep, 2014, *Astrophysics*, **57**, 500

461. Sergison, D. J., Untangling the signals: Investigating accretion and photometric variability in young stars. An observational analysis, 2015, PhD thesis, University of Exeter, Exeter, Devon UK

462. Lomax, O., Whitworth, A. P., Hubber, D. A., The Role of Discs in the Collapse and Fragmentation of Prestellar Cores, 2016, *PASA*, **33**, id.e004

463. Mercer, A., Stamatellos, D., The effect of radiative feedback on disc fragmentation, 2017, *MNRAS*, **465**, 2

464. Liu, H. B., Dunham, M. M., Pascucci, I., Bourke, T. L., Hirano, N., Longmore, S., Andrews, S., Carrasco-González, C., Forbrich, J., Galván-Madrid, R., Girart, J. M., Green, J. D., Juárez, C., Kóspál, Á., Manara, C. F., Palau, A., Takami, M., Testi, L., Vorobyov, E. I., A 1.3 mm SMA Survey of 29 Variable Young Stellar Objects, 2018, *A&A*, **612**, A54

465. Lomax, O., Whitworth, A. P., Synthetic observations of protostellar multiple systems, 2018, *MNRAS*, **475**, 1696

466. Connelley, M., Reipurth, B., A Near-infrared Spectroscopic Survey of FU Orionis Objects, 2018, *ApJ*, **861**, art. id. 145

467. Mercer, A., A numerical study of the gravitational instability in protostellar discs, 2019, PhD thesis, Jeremiah Horrocks Institute for Mathematics, Physics and Astronomy University of Central Lancashire, UK

468. Stevens, D. J., Zhou, G., Johnson, M. C., Rizzuto, A. C., Rodriguez, J. E., Bieryla, A., Villanueva, S. Jr., Wright, J. T., Gaudi, B. S., Latham, D. W., Beatty, T. G., Lund, M. B., Siverd, R. J., Kraus, A. L., Berlind, P., Calkins, M. L., Esquerdo, G. A., Kuhn, R. B., Pepper, J., An Extreme-mass Ratio, Short-period Eclipsing Binary Consisting of a B Dwarf Primary and a Pre-main Sequence M Star Companion Discovered by KELT, 2020, *MNRAS*, **499**, 3775–3791

469. Miao, D., Chen, X., Song, S.-M., Sobolev, A. M., Breen, S. L., MacLeod, G. C., Li, B., Parfenov, S., Bisyarina, A., Shen, Z.-Q., New Methanol Maser Transitions and Maser Variability Identified from an Accretion Burst Source G358.93-0.03, 2022, *ApJ Supp.* **263**, art. id. 9

470. Marton, G., Ábrahám, P., Rimoldini, L., Audard, M., Kun, M., Nagy, Z., Kóspál, Á., Szabados, L., Holl, B., Gavras, P., Mowlavi, N., Nienartowicz, K., Jevardat de Fombelle, G., Lecoeur-Taïbi, I., Karbevská, L., Garcia-Lario, P., Eyer, L., Gaia Data Release 3 Validating the classification of variable Young Stellar Object candidates, 2023, *A&A*, **674**, A21

471. Ashraf, M., Jose, J., Lee, H.-G., Contreras Peña, C., Herczeg, G., Liu, H., Johnstone, D., Lee, J.-E., An outburst and FU Ori-type disk of a former low luminosity protostar, 2024, *MNRAS*, **527**, 11651–11663

Rani, B., Gupta, A. C., Strigachev, A., Bachev, R., Wiita, P. J., Semkov, E., Ovcharov, E., Mihov, B., Boeva, S., Peneva, S., Spassov, B., Tsvetkova, S., Stoyanov, K., Valcheva, A., Short Term Flux and Colour Variations in Low-Energy Peaked Blazars, 2010, *MNRAS*, **404**, 1992

472. Wu, J.; Zhou, X.; Ma, J.; Jiang, Z., Optical variability and colour behaviour of 3C 345, 2011, *MNRAS*, **418**, 1640

473. Gu, M. F.; Ai, Y. L., The optical variability of steep-spectrum radio quasars in the SDSS stripe 82 region, 2011, *A&A*, **534**, A59

474. Ikejiri, Y., Uemura, M., Sasada, M., Ito, R., Yamanaka, M., Sakimoto, K., Arai, A., Fukazawa, Y., Ohsugi, T., Kawabata, K. S., Yoshida, M., Sato, S., Kino, M., Photopolarimetric Monitoring of Blazars in the Optical and Near-Infrared Bands with the Kanata Telescope. I. Correlations between Flux, Color, and Polarization, 2011, *PASJ*, **63**, 639

475. Gu, M., Ai, Y. L., Spectral Variability of FSRQs, 2011, *JApA*, **32**, 87

476. Hu, S. M., Wu, J., Guo, H. Y., Zhou, X., Zhang, X., Zheng, Y. G., Variability and spectral variation of 3C 66A, 2011, *Ap&SS*, **333**, 213
477. Gu, M.-F., Ai, Y. L., The optical variability of flat-spectrum radio quasars in the SDSS stripe 82 region, 2011, *A&A*, **528**, A95
478. Dai, Yan; Wu, Jianghua; Zhu, Zong-Hong; Zhou, Xu; Ma, Jun, Color Behavior of BL Lacertae Object OJ 287 during an Optical Outburst, 2011, *AJ*, **141**, 65
479. Wu, J., Böttcher, M., Zhou, X., He, X., Ma, J., Jiang, Z., Simultaneous B'V'R' Monitoring of BL Lacertae Object S5 0716+714 and Detection of Inter-band Time Delay, 2012, *AJ*, **143**, 108
480. Bonning, E., Urry, C. M., Bailyn, C., Buxton, M., Chatterjee, R., Coppi, P., Fossati, G., Isler, J., Maraschi, L., SMARTS Optical and Infrared Monitoring of 12 Gamma-Ray Bright Blazars, 2012, *ApJ*, **756**, 13
481. Sabzi, S., M., Aghaee, A., Data reduction and analysis of the multiband optical images of the blazar Mrk180, 2012, *Iranian Journal of Physics Research*, **12**, 17
482. Gu, M. F., Li, S.-L., The ultraviolet/optical variability of steep-spectrum radio quasars: the change in accretion rate? 2013, *A&A*, **554**, A51
483. Gu, M., Ai, Y. L., The optical variability of radio-loud quasars, 2013, *IAUS*, **290**, 217
484. Stefan Rügamer, Multi-Wavelength Observations of the high-peaked BL Lacertae objects 1ES 1011+496 and 1ES 2344+514, 2013, PhD thesis, Julius-Maximilians-Universität, Würzburg, Germany
485. Man, Z., Zhang, X., Wu, J., Zhou, X., Yuan, Q., Six-year Optical Monitoring of the BL Lacertae Object 1ES 0806+52.4 2014, *AJ*, **148**, 110
486. Hu, S. M., Chen, X., Guo, D. F., Jiang, Y. G., Li, K. Quasi-simultaneous multicolour optical variability of S5 0716+714, 2014, *MNRAS*, **443**, .2940
487. Zhang, B.-K., Zhao, X.-Y., Wang, C.-X., Dai, B.-Z., Optical quasi-periodic oscillation and color behavior of blazar PKS 2155–304, 2014, *RAA*, **14**, 933
488. Gu, M., Spectral Variability in Radio-Loud Quasars, 2014, *JApA*, **35**, 369
489. Zhou, Y., Yan, D.-H., Dai, B.-Z., The optical variability properties of flat spectrum radio quasar 3C 454.3, 2015, *NewA*, **36**, 19
490. Li, X.; Zhang, L.; Luo, Y., Wang, L., Zhou, L., Colour variation of the BL Lacertae object PKS 0537-441, 2015, *MNRAS*, **449**, 2750
491. Covino, S.; Baglio, M. C. et al., Short Timescale Photometric and Polarimetric Behavior of two BL Lacertae Type Objects, 2015, *A&A*, **578**, A68
492. Zhang, B.-K., Zhou, X.-S., Zhao, X.-Y., Dai, B.-Z., Long-term optical-infrared color variability of blazars, 2015, *RAA*, **15**, 1784
493. Guo, H., Gu, M., The optical variability of SDSS quasars from multi-epoch spectroscopy. II. color variation, 2016, *ApJ*, **822**, art. id. 26
494. Heinis, S., Gezari, S., Kumar, S., Burgett, W. S., Flewelling, H., Huber, M. E., Kaiser, N., Wainscoat, R. J., Waters, C., The host galaxy properties of variability selected AGN in the Pan-STARRS1 Medium-Deep Survey, 2016, *ApJ*, **826**, art. id. 62
495. Mao, L., Zhang, X., Long-term optical variability properties of blazars in the SDSS Stripe 2016, *A&SS*, **361**, art. 345
496. Li, Xiaopan, Search for X-ray quasi-periodic oscillations with weighted wavelet z-transform technique, 2016, Pros. of the 2016 Int. Con. on Mechatronics Engineering and Information Technology, *Advances in Engineering Research*, **57**, 86-89
497. Castignani, G., Pian, E., Belloni, T. M., D'Ammando, F., Foschini, L., Ghisellini, G., Pursimo, T., Bazzano, A., Beckmann, V., Bianchin, V., Fiacchi, M. T., Impiombato, D., Raiteri, C. M., Soldi, S., Tagliaferri, G., Treves, A., Türler, M., Multiwavelength variability study and search for periodicity of PKS 1510-089, 2017, *A&A*, **601**, A30
498. Kaur, N., Sameer, Baliyan, K. S., Ganesh, S. Optical intra-day variability in 3C 66A: 10 years of observations, 2017, *MNRAS*, **469**, 2305

499. Li, X.-P., Luo, Y.-H., Zhou, L., Shan, Y.-Q., Chen, J.F., Optical spectral behaviour of the blazar PKS 0537–441, 2017, *Scientia Sinica: Physica, Mechanica et Astronomica*, **47(3)**, art. id. 039501
500. Zeng, W., Zhao, Q.-J., Dai, B.-Z., Jiang, Z.-J., Geng, X.-F., Yang, S.-B., Liu, Z., Wang, D.-D., Feng, Z.-J., Zhang, L., Study on Variability and Spectral Properties of Blazar 3C 273 with Long-term Multi-band Optical Monitoring from 2006 to 2015, 2018, *PASP*, **130**, pp. 024102
501. Li, X.-P., Wang, L.-S., Yang, C., Yang, H.-Y., Zhou, L., Xu, G.-Y., Shan, Y.-Q., Liu, J., Luo, Y.-H., Zhang, L., Multiband optical–IR variability of the blazar PKS 0537–441, 2018, *JA&A*, **39**, art. id. 30
502. Zhang, X., Wu, J., Meng, N., Intra-day optical multi-band quasi-simultaneous observation of BL Lacertae object S5 0716+714 from 2013 to 2016, 2018, *MNRAS*, **478**, 3513
503. Kaur, N., Baliyan, K. S., Chandra, S., Sameer; G. S., Optical variability in IBL S5 0716+714 during the 2013-2015 outburst, 2018, *AJ*, **156**, art. id. 36
504. Li, X.-P., Yang, H.-Y., Luo, Y.-H. Yang, Ch., Cai, Y., Yang, H.-T., Zhang, Li., Multicolour optical and near-infrared variability of the blazar PKS 2155–304 on diverse time-scales, *MNRAS*, **479**, 4073
505. Meng, N., Zhang, X., Wu, J., Ma, J., Zhou, X., Multi-color optical monitoring of ten blazars from 2005 to 2011, 2018, *ApJS*, 237, art. id. 30
506. Li, X.-P., Luo, Y.-H., Yang, H.-T., Yang, H.-Y., Yang, C., Cai, Y., Long-term optical color behavior of a sample of blazars, 2018, *RAA*, **18**, art. id. 150
507. Zibecchi, L. C., Estudio del comportamiento del flujo óptico y de rayos X en blazares, 2018, Tesis Doctoral, Universidad Nacional de La Plata, Facultad de Ciencias Astronómicas y Geofísicas, Argentina
508. Sosa, M., Estudio observacional de la emisión óptica de blazares detectados a altas energías, 2019, Tesis Doctoral, Universidad Nacional de La Plata, Facultad de Ciencias Astronómicas y Geofísicas, Argentina
509. Żywucka, N., Tarnopolski, M., Böttcher, M., Stawarz, Ł., Marchenko, V., Optical variability modeling of newly identified blazar candidates behind Magellanic Clouds, 2020, *ApJ*, **888**, art. id. 107
510. Li, Y.-R., Zhang, Z.-X., Jin, Ch., Du, P., Cui, L., Liu, X., Wang, Jian-Min, Untangling Optical Emissions of the Jet and Accretion Disk in the Flat-Spectrum Radio Quasar 3C 273 with Reverberation Mapping Data, 2020, *ApJ*, **897**, art. id. 18
511. Tarnopolski, M., Żywucka, N., Marchenko, V., Pascual-Granado, J., A Comprehensive Power Spectral Density Analysis of Astronomical Time Series I: The Fermi-LAT Gamma-Ray Light Curves of Selected Blazars, 2020, *ApJS*, **250**, art. id. 1
512. Li, F., Zhang, H., Xiong, D., Xu, H., Ren, G., Yan, P., Study on Color Index of the Fermi Blazars, 2020, *Astronomical Research and Technology*, **17(4)**, 405-413
513. Yuan, Y.-H., Fan, J.-H., Wu, H., Hao, J.-M., Huang, W.-R., Liu, X.-L., Huang, H.-R., Optical monitoring and intra-day variabilities of BL Lac Objects OJ 287, 2021, *RAA*, **21(6)**, art. id. 138
514. Hwang, S., Im, M., Taak, Y. C., Paek, I., Choi, Ch., Shin, S., Lee, S.-Y., Ji, T.-G., Pak, S., Lee, H.-I., Ahn, H., Han, J., Kim, Ch., Marshall, J., Johns-Krull, C. M., Gibson, C. A., Schmidt, L. Prochaska, T., Medium-band observation of the neutrino emitting blazar, TXS 0506+056, 2021, *ApJ*, **908**, art. id. 113
515. Zhang, B.-K., Jin, M., Zhao, X.-Y., Zhang, L., Dai, B.-Zh., Long-term multi-wavelength variations of Fermi blazar 3C 279, 2021, *RAA*, **21**, art. id. 186
516. Mao, L., Yi, T., A Search for Rapid Mid-infrared Variability in Gamma-Ray-emitting Narrow-line Seyfert 1 Galaxies, 2021, *ApJS*, **255**, art. id. 1
517. Lu, L, Zhang, H.-J., Ren, G.-W., Zhang, H., Yan, P.-L., Ma, K.-X., Analysis of Long-period Optical Variation and Study on Color Index Variation about Optical Band in FSRQ 0208–512, 2021, *Acta Astronomica Sinica*, **62(3)**, art. id. 32

518. Dai, Y., Fang, Y., Zhang, X., Meng, N., Wu, J., Zhu, Z.-H., Intra-day multi-band optical variability of BL Lacertae object S5 0716+714, 2021, *MNRAS*, **507**, 455–465
519. Krishna Mohana, A., Bhattacharya, D., Misra, R., Bhattacharyya, S., Bhatt, N., Long term multi-band monitoring of blazar 3C 66A: Evidence of the two distinct states with different baseline flux, 2021, *MNRAS*, **507**, 3653–3659
520. Lu, L., Zhang, H.-J., Ren, G.-W., Zhang, H., Yan, P.-L., Ma, K.-X., Analysis of Optical Long-period Light Variation and Study of Color Index Variation in FSRQ 0208-512, 2021, *Chinese Astronomy and Astrophysics*, **45** (4), 445-457
521. Otero-Santos, J., Acosta-Pulido, J. A., Becerra González, J., Luashvili, A., Castro Segura, N., González-Martín, O., Raiteri, C. M., Carnerero, M. I., A statistical study of the optical spectral variability in gamma-ray blazars, 2022, *MNRAS*, **511**, 5611–5638
522. Zhang, B.-K., Zhao, X.-Y., Wu, Q., Optical Spectral Variations of a Large Sample of Fermi Blazars, 2022, *ApJ Supp. Ser.*, **259**, art. id 49
523. Fang, Y., Chen, Q., Zhang, Y., Wu, J., Multi-wavelength Variation Phenomena of PKS 0735+178 on Diverse Timescale, 2022, *ApJ*, **933**, art. id. 224
524. Guise, E., Probing the Inner Regions of Active Galactic Nuclei through Variability Analysis, 2022, PhD thesis, University of Southampton, Faculty of Engineering and Physical Sciences School of Physics and Astronomy, UK
525. Otero-Santos, J., Peñil, P., Acosta-Pulido, J. A., Becerra González, J., Raiteri, C. M., Carnerero, M. I., Villata, M., Multiwavelength periodicity search in a sample of γ -ray bright blazars, 2023, *MNRAS*, **518**, 5788–5807
526. Özdönmez, A., Shortterm optical variability of 4C 29.45, 2023, *Turkish Journal of Physics*, **47**, 124-140
527. Zhang, B.-K., Tang, W.-F., Wang, C.-X., Wu, Q., Jin, M., Dai, B.-Z., Zhu, F.-R., The optical spectral features of 27 Fermi blazars, 2023, *MNRAS*, **519**, 5263–5270
528. Weitian, H., Gongming, N., Lisheng, M., Mid-infrared Variability Properties of Gamma-ray-loud Narrow Line Seyfert 1 Galaxy TXS 1206+549, 2023, *Astronomical Research and Technology*, **20**(5), 383-395
529. Wang, G., Xiao, H., Fan, J., Zhang, X., GeV Variability Properties of TeV Blazars Detected by Fermi-LAT, 2024, *ApJ Supp.*, **270**, art. no. 22
- Semkov, E., Peneva, S., A possible new FUor star in NGC 7000, 2010, *ATel*, **2801**, 1
530. Leoni, R., Larionov, V. M., Centrone, M., Giannini, T., Lorenzetti, D., Near-IR observations of the outbursting source HBC 722, 2010, *Atel*, **2854**, 1
531. Pooley, D., Green, J., X-ray and Ultraviolet detection of the new FU Orionis object HBC 722, 2010, *ATel* **3040**, 1
532. Miller, A. A., Hillenbrand, L. A., Covey, K. R. et al., Evidence for an FU Orionis-like Outburst from a Classical T Tauri Star, 2011, *ApJ*, **730**, 80
533. Aspin, C., V2492 Cygni: The Early Evolution of the 2010 Outburst, 2011, *AJ*, **141**, 196
534. Kóspál, Á., Ábrahám, P., Acosta-Pulido, J. A., Arévalo Morales, M. J., Carnerero, M. I., Elek, E., Kelemen, J., Kun, M., Pál, A., Szakáts, R., Vida, K., The outburst and nature of two young eruptive stars in the North America/Pelican Nebula Complex, 2011, *A&A*, **527**, A133
535. Green, J. D., Evans, N.J., II; Kóspál, Á., van Kempen, T. A., Herczeg, G., Quanz, S. P., Henning, T., Lee, J.-E., Dunham, M. M., Meeus, G., Bouwman, J., van Dishoeck, E., Chen, J.-H., Güdel, M., Skinner, S. L., Merello, M., Pooley, D., Rebull, L. M., Guieu, S., Disentangling the Environment of the FU Orionis Candidate HBC 722 with Herschel, 2011, *ApJ*, **731**, L25
536. Dunham, M. M., Arce, H. G., Bourke, T. L., Chen, X., van Kempen, T. A., Green, J. D., Revealing The Millimeter Environment of the New FU Orionis Candidate HBC722 with the Submillimeter Array, 2012, *ApJ*, **755**, 157
537. Lorenzetti, D., Efimova, N., Larionov, V., Arkharov, A., Gorshanov, D., Giannini, T., Antonucci, S., Di Paola, A., Near-IR spectroscopy of the eruptive variable source V2493 Cyg (HBC 722), 2012, *ATel*, **4123**, 1

538. Lorenzetti, D., Antonucci, S., Giannini, T., Causi, G. Li, Ventura, P., Arkharov, A. A., Kopatskaya, E. N., Larionov, V. M., Di Paola, A., Nisini, B., On the nature of the EXor accretion events: an unfrequent manifestation of a common phenomenology?, 2012, *ApJ*, **749**, 188
539. Antonucci, S., Arkharov, A., Klimanov, S., Lorenzetti, D., Giannini, T., Di Paola, A., Larionov, V., Continuous brightening of the eruptive variable V2493 Cyg (HBC 722), 2013, *ATel*, **5023**, 1
540. Green, J. D., Robertson, P., Baek, G., Pooley, D., Pak, S., Im, M., Lee, J.-E., Jeon, Y., Choi, C., Meschiari, S., Variability at the Edge: Optical Near/IR Rapid Cadence Monitoring of Newly Outbursting FU Orionis Object HBC 722, 2013, *ApJ*, **764**, 22
541. Green, J. D., Evans, N. J., II; Kospal, A., Herczeg, G., Quanz, S. P., Henning, Th., van Kempen, T. A., Lee, J.-E., Dunham, M. M., Meeus, G., Bouwman, J., Chen, J., Guedel, M., Skinner, S. L., Liebhart, A.; Merello, M., An Analysis of the Environments of FU Orionis Objects with Herschel, 2013, *ApJ*, **772**, id. 117
542. Sung, H.-I., Park, W.-K., Yang, Y.; Lee, S.-G., Yoon, T. S., Lee, J.-E., Kang, W., Park, K.-H., Cho, D.-H., Park, S., Near-IR Photometric Study of the FU Orionis Object HBC 722, 2013, *JKAS*, **46**, 253
543. Miller, A. A., Time-Domain Studies as a Probe of Stellar Evolution, 2013, PhD dissertation, University of California, Berkeley, USA
544. Lorenzetti, D., The EXor Phenomenon, 2016, The Star Formation Newsletter, 278, 8-13
545. Green, J. D., Kraus, A. L., Rizzuto, A. C., Ireland, M. J.; Dupuy, T. J., Mann, A. W., Kuruwita, R., Testing the Binary Trigger Hypothesis in Fuors, 2016, *ApJ*, **830**, art. id. 29
546. Kóspál, Á.; Ábrahám, P.; Acosta-Pulido, J. A.; Dunham, M. M.; García-Álvarez, D.; Hogerheijde, M. R.; Kun, M.; Moór, A.; Farkas, A.; Hajdu, G.; Hodosán, G.; Kovács, T.; Kriskovics, L.; Marton, G.; Molnár, L.; Pál, A.; Sárneczky, K.; Sódor, Á.; Szakáts, R.; Szalai, T.; Szegedi-Elek, E.; Szing, A.; Tóth, I.; Vida, K.; Vinkó, J., Multi-wavelength study of the low-luminosity outbursting young star HBC 722, 2016, *A&A*, **596**, A52
547. Postel, A., Audard, M., Vorobyov, E., Dionatos, O., Rab, C., Güdel, M., Infrared and sub-mm observations of outbursting young stars with Herschel and Spitzer, 2019, *A&A*, **631**, A30
548. Postel, A. Modelling the eruptive young stellar object Re 50 N IRS 1 with ProDiMo, 2024, *ApJ*, accepted
- Munari, U., Milani, A., Valisa, P., Semkov, E., Spectroscopic confirmation of HBC 722 as a new FU Orionis star in NGC 7000, 2010, *Atel*, **2808**, 1
549. Leoni, R., Larionov, V. M., Centrone, M., Giannini, T., Lorenzetti, D., Near-IR observations of the outbursting source HBC 722, 2010, *Atel*, **2854**, 1
550. Pooley, D., Green, J., X-ray and Ultraviolet detection of the new FU Orionis object HBC 722, 2010, *Atel*, **3040**, 1
551. Miller, A. A., Hillenbrand, L. A., Covey, K. R. et al., Evidence for an FU Orionis-like Outburst from a Classical T Tauri Star, 2011, *ApJ*, **730**, 80
552. Green, J. D., Evans, N.J., II; Kóspál, Á., van Kempen, T. A., Herczeg, G., Quanz, S. P., Henning, T., Lee, J.-E., Dunham, M. M., Meeus, G., Bouwman, J., van Dishoeck, E., Chen, J.-H., Güdel, M., Skinner, S. L., Merello, M., Pooley, D., Rebull, L. M., Guieu, S., Disentangling the Environment of the FU Orionis Candidate HBC 722 with Herschel, 2011, *ApJ*, **731**, L25
553. Dunham, M. M., Arce, H. G., Bourke, T. L., Chen, X., van Kempen, T. A., Green, J. D., Revealing The Millimeter Environment of the New FU Orionis Candidate HBC722 with the Submillimeter Array, 2012, *ApJ*, **755**, 157
554. Miller, A. A., Time-Domain Studies as a Probe of Stellar Evolution, 2013, PhD dissertation, University of California, Berkeley, USA
555. Gramajo, L. V., Rodon, J. A., Gomez, M., SED analysis of class I and class II FU Orionis stars, 2014, *AJ*, **147**, id. 140

556. Park, W.-K.; Sung, H.-I.; Yang, Y.; Lee, S.-G.; Yoon, T. S.; Lee, J.-E.; Kang, W.; Park, K.-H.; Cho, D.-H.; Park, S. Near-infrared Photometric Study on HBC 722 after its Outburst, 2014, *ASP Conference Series*, **482**, 49

557. Liu, H. B., Dunham, M. M., Pascucci, I., Bourke, T. L., Hirano, N., Longmore, S., Andrews, S., Carrasco-González, C., Forbrich, J., Galván-Madrid, R., Girart, J. M., Green, J. D., Juárez, C., Kóspál, Á., Manara, C. F., Palau, A., Takami, M., Testi, L., Vorobyov, E. I., A 1.3 mm SMA Survey of 29 Variable Young Stellar Objects, 2018, *A&A*, **612**, A54

558. Connelley, M., Reipurth, B., A Near-infrared Spectroscopic Survey of FU Orionis Objects, 2018, *ApJ*, **861**, art. id. 145

Semkov, E., Peneva, S., Photometric follow-up observations of the new FUor candidate HBC 722, 2010, *ATel* **2819**, 1

559. Aspin, C., V2492 Cygni: The Early Evolution of the 2010 Outburst, 2011, *AJ*, **141**, 196

560. Leoni, R., Larionov, V. M., Centrone, M., Giannini, T., Lorenzetti, D., Near-IR observations of the outbursting source HBC 722, 2010, *Atel*, **2854**, 1

561. Pooley, D., Green, J., X-ray and Ultraviolet detection of the new FU Orionis object HBC 722, 2010, *Atel*, **3040**, 1

562. Miller, A. A., Hillenbrand, L. A., Covey, K. R., et al., Evidence for an FU Orionis-like Outburst from a Classical T Tauri Star, 2011, *ApJ*, **730**, 80

563. Kazarovets, E. V., Reipurth, B., Samus, N. N., GCVS Names for Interesting Young Variable Stars, 2011, *Peremennye Zvezdy*, **31**, No. 2

564. Dunham, M. M., Arce, H. G., Bourke, T. L., Chen, X., van Kempen, T. A., Green, J. D., Revealing The Millimeter Environment of the New FU Orionis Candidate HBC722 with the Submillimeter Array, 2012, *ApJ*, **755**, 157

565. Siwak, M., Rucinski, S. M., Matthews, J. M., Kuschnig, R., Guenther, D. B., Moffat, A. F. J., Rowe, J. F., Sasselov, D., Weiss, W. W., Photometric variability in FU Ori and Z CMa as observed by MOST, 2013, *MNRAS*, **432**, 194

566. Miller, A. A., Time-Domain Studies as a Probe of Stellar Evolution, 2013, PhD dissertation, University of California, Berkeley, USA

567. Park, W.-K.; Sung, H.-I.; Yang, Y.; Lee, S.-G.; Yoon, T. S.; Lee, J.-E.; Kang, W.; Park, K.-H.; Cho, D.-H.; Park, S. Near-infrared Photometric Study on HBC 722 after its Outburst, 2014, *ASPC*, **482**, 49

Semkov, E. H., Peneva, S. P., Munari, U., Milani, A., Valisa, P., The large amplitude outburst of the young star HBC 722 in NGC 7000/IC 5070, a new FU Orionis candidate, 2010, *A&A*, **523**, L3

568. Miller, A. A., Hillenbrand, L. A., Covey, K. R. et al., Evidence for an FU Orionis-like Outburst from a Classical T Tauri Star, 2011, *ApJ*, **730**, 80

569. Kóspál, Á., Ábrahám, P., Acosta-Pulido, J. A., Arévalo Morales, M. J., Carnerero, M. I., Elek, E., Kelemen, J., Kun, M., Pál, A., Szakáts, R., Vida, K., The outburst and nature of two young eruptive stars in the North America/Pelican Nebula Complex, 2011, *A&A*, **527**, A133

570. Green, J. D., Evans, N.J., II; Kóspál, Á., van Kempen, T. A., Herczeg, G., Quanz, S. P., Henning, T., Lee, J.-E., Dunham, M. M., Meeus, G., Bouwman, J., van Dishoeck, E., Chen, J.-H., Güdel, M., Skinner, S. L., Merello, M., Pooley, D., Rebull, L. M., Guieu, S., Disentangling the Environment of the FU Orionis Candidate HBC 722 with Herschel, 2011, *ApJ*, **731**, L25

571. Armond, T., Reipurth, B., Bally, J., Aspin, C., Star Formation in the Gulf of Mexico, 2011, *A&A*, **528**, A125

572. Lorenzetti, D., Arkharov, A. A., Kopatskaya, E. N., Larionov, V. M., Optical and near-IR photometry indicate that HBC722 is now fading, 2011, *ATel*, **3165**, 1

573. Lee, J.-E., Kang, W., Lee, S.-G., Sung, H.-I., Lee, B.-C., Sung, H. S., Green, J. D., Jeon, Y.-B., High Resolution Optical Spectra of HBC 722 After Outburst, 2011, *JKAS*, **44**, 39

574. Bonev, T., National roadmap for research infrastructure, 2011, *BulgAJ*, **17**, 3

575. Reipurth, B., Aspin, C., Herbig, G. H., V900 Mon and Thommes' Nebula: A New FUor in Monoceros, 2012, *ApJ*, **748**, L5
576. Fischer, W. J., Megeath, S. Th., Tobin, J. J., Stutz, A. M., Ali, B., Remming, I.; Kounkel, M., Stanke, Th., Osorio, M., Henning, Th., Manoj, P., Wilson, T.L., Multiwavelength Observations of V2775 Ori, an Outbursting Protostar in L 1641: Exploring the Edge of the FU Orionis Regime, 2012, *ApJ*, **756**, 99
577. Hillenbrand, L. A., Miller, A. A., Covey, K. R., Carpenter, J. M., Cenko, S. B., Silverman, J. M., Muirhead, P., Fischer, W., Crepp, J. R., Bloom, J. S., Filippenko, A. V., Highly Variable Extinction and Accretion in the Jet-driving Class I Type Young Star PTF 10nvg (V2492 Cyg, IRAS 20496+4354), 2012, *AJ*, **145**, 59
578. Dunham, M. M., Arce, H. G., Bourke, T. L., Chen, X., van Kempen, T. A., Green, J. D., Revealing The Millimeter Environment of the New FU Orionis Candidate HBC722 with the Submillimeter Array, 2012, *ApJ*, **755**, 157
579. Sung, H.-I., Park, W.-K., Yang, Y.; Lee, S.-G., Yoon, T. S., Lee, J.-E., Kang, W., Park, K.-H., Cho, D.-H., Park, S., Near-IR Photometric Study of the FU Orionis Object HBC 722, 2013, *JKAS*, **46**, 253
580. Miller, A. A., Time-Domain Studies as a Probe of Stellar Evolution, 2013, PhD dissertation, University of California, Berkeley, USA
581. Gramajo, L. V., Rodon, J. A., Gomez, M., SED analysis of class I and class II FU Orionis stars, 2014, *AJ*, **147**, id. 140
582. Park, W.-K.; Sung, H.-I.; Yang, Y.; Lee, S.-G.; Yoon, T. S.; Lee, J.-E.; Kang, W.; Park, K.-H.; Cho, D.-H.; Park, S. Near-infrared Photometric Study on HBC 722 after its Outburst, 2014, *ASPC*, **482**, 49
583. Baek, G.; Pak, S.; Green, J. D.; Lee, J.-E.; Bae, M. K.; Jeon, Y.; Choi, C.; Im, M.; Meschiari, S. Multi-Color Variability Study of HBC 722, 2014, *ASPC*, **482**, 67
584. Liebhart, A., Guedel, M., Skinner, S., Green, J., X-ray emission from an FU Ori star in early outburst: HBC 722, 2014, *A&A*, **570**, L11
585. Bally, J., Ginsburg, A., Probst, R., Reipurth, B., Shirley, Y. L., Stringfellow, G. S., Outflows, Dusty Cores, and a Burst of Star Formation in the North America and Pelican Nebulae, 2014, *AJ*, **148**, id. 120
586. Baek, G., Pak, S., Green, J. D., Meschiari, S., Lee, J.-E., Jeon, Y., Choi, C., Im, M., Sung, H.-I., Park, W.-K., Color Variability of HBC 722 in the Post-Outburst Phases, 2015, *AJ*, **149**, id. 73
587. Audard, M., Ábrahám, P., Dunham, M. M., Green, J. D., Grosso, N., Hamaguchi, K., Kastner, J. H., Kóspál, Á., Lodato, G., Romanova, M., Skinner, S. L., Vorobyov, E. I., Zhu, Z., Episodic Accretion in Young Stars, 2014, Protostars and Planets VI, University of Arizona Press, eds. H. Beuther, et al., 387
588. Lee, J.-E., Park, S., Green, J. D., Cochran, W. D., Kang, W., Lee, S.-G., Sung, H.-I., High Resolution Optical and NIR Spectra of HBC 722, 2015, *ApJ*, **807**, id. 84
589. Hillenbrand, L. A., Findeisen, K. P., A Simple Calculation in Service of Constraining the Rate of FU Orionis Outburst Events from Photometric Monitoring Surveys, 2015, *ApJ*, **808**, art. id. 68
590. Green, J. D., Kraus, A. L., Rizzuto, A. C., Ireland, M. J.; Dupuy, T. J., Mann, A. W., Kuruwita, R., Testing the Binary Trigger Hypothesis in Fuors, 2016, *ApJ*, **830**, art. id. 29
591. Kóspál, Á.; Ábrahám, P.; Acosta-Pulido, J. A.; Dunham, M. M.; García-Álvarez, D.; Hogerheijde, M. R.; Kun, M.; Moór, A.; Farkas, A.; Hajdu, G.; Hodosán, G.; Kovács, T.; Kriskovics, L.; Marton, G.; Molnár, L.; Pál, A.; Sárneczky, K.; Sódor, Á.; Szakáts, R.; Szalai, T.; Szegedi-Elek, E.; Szing, A.; Tóth, I.; Vida, K.; Vinkó, J., Multi-wavelength study of the low-luminosity outbursting young star HBC 722, 2016, *A&A*, **596**, A52
592. Ibryamov, S., Activity Of T Tauri Type Stars And Objects Similar To Them, 2016, PhD Thesis, Institute of Astronomy and National Astronomical Observatory, BAS, Sofia, Bulgaria

593. Damiani, F., Pillitteri, I., Prisinzano, L., X-ray survey of the North-America and Pelican star-forming complex (NGC7000/IC5070), 2017, *A&A*, **602**, id. A115
594. Ruíz-Rodríguez, D., Cieza, L.A., Williams, J. P., Principe, D., Tobin, J. J., Zhu, Z., Zurlo, A., The ALMA Early Science View of FUor/EXor objects. III. The Slow and Wide Outflow of V883 Ori, 2017, *MNRAS*, **468**, 3266
595. Ruíz-Rodríguez, D., Studying young stellar objects with near-IR non-redundant aperture masking and millimeter interferometry, 2017, PhD thesis, Australian National University, Austria
596. Lucas, P. W., Smith, L. C., Contreras Pena, C., Froebrich, D., Drew, J. E., Kumar, M. S. N., Borissova, J., Minniti, D., Kurtev, R., Monguio, M., Extreme infrared variables from UKIDSS - II. an end-of-survey catalogue of eruptive YSOs and unusual stars, 2017, *MNRAS*, **472**, 2990–3020
597. Liu, H. B., Dunham, M. M., Pascucci, I., Bourke, T. L., Hirano, N., Longmore, S., Andrews, S., Carrasco-González, C., Forbrich, J., Galván-Madrid, R., Girart, J. M., Green, J. D., Juárez, C., Kóspál, Á., Manara, C. F., Palau, A., Takami, M., Testi, L., Vorobyov, E. I., A 1.3 mm SMA Survey of 29 Variable Young Stellar Objects, 2018, *A&A*, **612**, A54
598. Connelley, M., Reipurth, B., A Near-infrared Spectroscopic Survey of FU Orionis Objects, 2018, *ApJ*, **861**, art. id. 145
599. Hillenbrand, L. A., Contreras Peña, C., Morrell, S., Naylor, T., Kuhn, M. A., Cutri, R. M., Rebull, L. M., Hodgkin, S., Froebrich, D., Mainzer, A. K., Gaia 17bpi: An FU Ori Type Outburst, 2018, *ApJ*, **869**, art. id. 146
600. Hillenbrand, L. A., Miller, A. A., Carpenter, J. M., Kasliwal, M. M., Isaacson, H., Tang, S., Joshi, V., Banerjee, D. P. K., Cutri, R., PTF 14jg: The Remarkable Outburst and Post-Burst Evolution of a Previously Anonymous Galactic Star, 2019, *ApJ*, **874**, art. id. 82
601. Contreras Peña, C., Naylor, T., Morrell, S., Determining the recurrence timescale of long-lasting YSO outbursts, 2019, *MNRAS*, **486**, 4590–4611
602. Siwak, M., Drózdź, M., Gut, K., Winiarski, M., Ogłóza, W., Stachowski, G. Mount Suhora High Cadence Photometric Survey of T Tauri-Type Stars, 2019, *AcA*, **69**, 227-260
603. Zhu, Z., Jiang, Y.-F., Stone, J. M., Global 3-D Radiation Magnetohydrodynamic Simulations for FU Ori's Accretion Disk and Observational Signatures of Magnetic Fields, 2020, *MNRAS*, **495**, 3494–3514
604. Fang, M., Hillenbrand, L. A., Kim, J. S., Findeisen, K., Herczeg, G. J., Carpenter, J. M., Rebull, L. M., Wang, H., The First Extensive Spectroscopic Study of Young Stars in the North America and Pelican Nebulae Region, 2020, *ApJ*, **904**, art. id. 146
605. Siwak, M., Ogłóza, W., Krzesinski J., Disc light variability in the FUor star V646 Puppis as observed by TESS and from the ground, 2020, *A&A*, **644**, A135
606. Vorobyov, E. I., Elbakyan, V. G., Liu, H. B., Takami, M., Distinguishing between different mechanisms of FU-Orionis-type luminosity outbursts, 2021, *A&A*, **647**, A44
607. Rodriguez, A. C., Hillenbrand, L. A., Application of a Steady-State Accretion Disk Model to Spectrophotometry and High-Resolution Spectra of Two Recent FU Ori Outbursts, 2022, *ApJ*, **927**, art. id. 144
608. Strafella, F., Altavilla, G., Giannini, T., Giunta, A., Lorenzetti, D., Nucita, A., Franco, A., Automatic detection of accretion bursts in young stellar objects: A new algorithm for long-term sky surveys, 2022, *New Astronomy*, **95**, art. id. 101813
609. Ghosh, A., Sharma, S., Ninan, J. P., Ojha, D. K., Bhatt, B. C., Sahu, D. K., Baug, T., Yadav, R. K., Irawati, P., Gour, A. S., Panwar, N., Pandey, R., Sinha, T., Verma, A., Post-outburst evolution of bonafide FUor V2493 Cyg: A Spectro-photometric monitoring, 2023, *ApJ*, **954**, art. id. 82
610. Siwak, M., Hillenbrand, L. A., Kóspál, Á., Ábrahám, P., Giannini, T., De, K., Moór, A., Szilágyi, M., Janík, J., Koen, C., Park, S., Nagy, Z., Cruz-Sáenz de Miera, F., Fiorellino, E., Marton, G., Kun, M., Lucas, P. W., Udalski, A., Szabó, Z. M., Gaia21bty: An EXor lightcurve exhibiting an FUor spectrum, 2023, *MNRAS*, **524**, 5548–5565
611. Fischer, W. J., Hillenbrand, L. A., Herczeg, G. J., Johnstone, D., Kóspál, Á., Dunham, M. M., Accretion Variability as a Guide to Stellar Mass Assembly, 2023, *Protostars and Planets*

VII, Eds.: Inutsuka, S.-i. et al., ASP Conference Series, Vol. 534, San Francisco: Astronomical Society of the Pacific, p.355

612. Ashraf, M., Jose, J., Lee, H.-G., Contreras Peña, C., Herczeg, G., Liu, H., Johnstone, D., Lee, J.-E., An outburst and FU Ori-type disk of a former low luminosity protostar, 2024, *MNRAS*, **527**, 11651–11663

Galan, C., M. Mikolajewski, T. Tomov, E. Swierczynski, M. Wiecek, T. Brozek, G. Maciejewski, P. Wychudzki, P. Rozanski, E. Ragan, B. Budzisz, P. Dobierski, S. Frackowiak, M. Kurpińska-Winiarska, M. Winiarski, S. Zola, W. Ogloza, A. Kuzmich, M. Drozd, E. Kuligowska, J. Krzesinski, T. Szymanski, M. Siwak, T. Kundera, B. Staels, J. Hopkins, J. Pye, L. Elder, G. Myers, D. Dimitrov, V. Popov, E. Semkov, S. Peneva, D. Kolev, I. Iliev, I. Barzova, I. Stateva, N. Tomov, S. Dvorak, I. Miller, L. Brat, P. Niarchos, A. Liakos, K. Gazeas, A. Pigulski, Y. Ogmen, A. Oksanen, H. Kucakova, T. Lister, T.A. Heras, A. Dapergolas, I. Bellas-Velidis, R. Kocian, A. Majcher, Multi-ring structure of the eclipsing disc in EE Cep - possible planets, 2010, *ASP Conf.*, **435**, 423

613. Mamajek, E. E., Quillen, A. C., Pecaut, M. J., Moolekamp, F., Scott, E. L., Kenworthy, M. A., Collier C. A., Parley, N. R., Planetary Construction Zones in Occultation: Discovery of an Extrasolar Ring System Transiting a Young Sun-like Star and Future Prospects for Detecting Eclipses by Circumsecondary and Circumplanetary Disks, 2012, *AJ*, **143**, 72

614. Parks, J. R., Plavchan, P., White, R. J., Gee, A. H., Periodic and Aperiodic Variability in the Molecular Cloud ρ Ophiuchus, 2014, *ApJS*, **211**, id. 3

615. Parks, J. R., Stellar Variability: A Broad and Narrow Perspective, 2014, PhD thesis, Department of Physics and Astronomy, Georgia State University, USA

616. Wright, J. T., Cartier, K. M. S., Zhao, M., Jontof-Hutter, D., Ford, E. B., The Search for Extraterrestrial Civilizations with Large Energy Supplies. IV. The Signatures and Information Content of Transiting Megastructures, 2016, *ApJ*, **816**, art. id. 17

617. Wright, J. T., Sigurdsson, S., Families of Plausible Solutions to the Puzzle of Boyajian's Star, 2016, *ApJL*, **829**, L3

618. Stuik, R., Bailey III, J. I., Dorval, P., Talens, G. J. J., Laginja, I., Mellon, S. N., Lomberg, B. B. D., Crawford, S. M., Ireland, M. J., Mamajek, E. E., Kenworthy, M. A., bRing: An observatory dedicated to monitoring the β Pictoris b Hill sphere transit, 2017, *A&A*, 607, A45

619. Pilecki, B., Derviřođlu, A., Gieren, W., Smolec, R., Soszyński, I., Pietrzyński, G., Thompson, I. B., Taormina, M., The dynamical mass and evolutionary status of the type-II Cepheid in the eclipsing binary system OGLE-LMC-T2CEP-211 with a double-ring disk, 2018, *ApJ*, **868**, art. id. 30

Semkov, E., Peneva, S., Bachev, R., Strigachev, A., Optical follow-up observations of blazar 3C 454.3, 2010, *ATel*, **3005**, 1

620. Bonning, E., Bailyn, C., Buxton, M., Chatterjee, R., Coppi, P., Isler, J., Urry, C. M., Maraschi, L., Fossati, G., Continued optical and IR flaring in 3C 454.3, 2010, *ATel*, **3022**, 1

621. Striani, E., Lucarelli, F., Vercellone, S. et al., AGILE detects another extraordinary gamma-ray flare from the blazar 3C 454.3, 2010, *ATel*, **3034**, 1

622. Gurwell, M. A., Wehrle, A. E., Intense 1.3-Millimeter Band Emission from 3C454.3, 2010, *ATel*, **3036**, 1

623. Krajci, T., Sokolovsky, K., Henden, A., 2010, griz photometry of 3C 454.3 following its extreme gamma-ray flare, *ATel*, **3047**, 1

Bachev, R., Boeva, S., Stoyanov, K., Semkov, E., No optical counterpart to the huge gamma-ray outburst of PKS 1510-089, 2011, *Atel*, **3479**, 1

624. Orienti, M., Koyama, S., D'Ammando, F., Giroletti, M., Kino, M., Nagai, H., Venturi, T., Dallacasa, D., Giovannini, G., Angelakis, E., Fuhrmann, L., Hovatta, T., Max-Moerbeck, W., Schinzel, F. K., Akiyama, K., Hada, K., Honma, M., Niinuma, K., Gasparri, D., Krichbaum, T. P.,

Nestoras, I., Readhead, A. C. S., Richards, J. L., Riquelme, D., Sievers, A., Ungerechts, H., Zensus, J. A., 2013, *MNRAS*, **428**, 2418

625. Fuhrmann, L., Angelakis, E., Nestoras, I., Schmidt, R., Krichbaum, T. P., Zensus, J. A., Ungerechts, H., Sievers, A., Riquelme, D., Radio re-brightening of the gamma-ray flaring blazar PKS 1510-089, 2011, *ATel*, **3500**, 1

626. Beaklini, P. P., Dominici, T. P., Abraham, Z., Radio observations of PKS 1510-089 at 43 GHz during July 2011, 2011, *ATel*, **3523**, 1

Bachev, R., Semkov, E., Strigachev, A., Mihov, B., Gupta, A. C., Peneva, S., Ovcharov, E., Valcheva, A., Lalova, A., Intra-night variability of 3C 454.3 during its November 2010 Outburst, 2011, *A&A*, **528**, L10

627. Nkundabakura, P., Meintjes, P. J., Unveiling the nature of two unidentified EGRET blazar candidates through spectroscopic observations, 2012, *MNRAS*, **427**, 859

628. Iliev, I., What astronomy with meter-class telescopes? Sharing experience with the next-door observatory, 2014, *CoSka*, **43**, 169

629. Zhou, Y.; Yan, D.-H.; Dai, B.-Z., The optical variability properties of flat spectrum radio quasar 3C 454.3, 2015, *NewA*, **36**, 19

630. Li, H. Z.; Chen, L. E.; Yi, T. F.; Jiang, Y. G.; Chen, X.; Lü, L. Z.; Li, K. Y., Multiband Variability Analysis of 3C 454.3 and Implications for the Center Structure, 2015, *PASP*, **127**, 1

631. Gorshkov, A. G., Ipatov, A. V., Ipatova, I. A., Konnikova, V. K., Mardyshkin, V. V., Mingaliev, M. G., Kharinov, M. A., Long-Term and Rapid Radio Variability of the Blazar 3C 454.3 in 2010-2017, 2018, *Astronomy Reports*, **62**, 183

632. Belete, A., Femmam, S., Tornikosk, M., Lähtenmäki, A., Tammi, J., Leao, I. C., Canto Martins, B. L., De Medeiros, J. R., Cosmological evolution of quasar radio emission in the view of multifractality, 2019, *ApJ*, **873**, art. id. 108

633. Weaver, Z. R., Balonek, T. J., Jorstad, S. G., Marscher, A. P., Larionov, V. M., Smith, P. S., Boni, S. J., Borman, G. A., Chapman, K. J., Jenks, L. G., Kopatskaya, E. N., Larionova, E. G., Morozova, D. A.; Nikiforova, A. A., Sabyr, A., Savchenko, S. S., Stahlin, R. W., Troitskaya, Y. V., Troitsky, I. S., Zhang, S., The June 2016 Optical and Gamma-Ray Outburst and Optical Micro-Variability of the Blazar 3C454.3, 2019, *ApJ*, **875**, art. id. 15

634. Fan, J. H., Kurtanidze, S. O., Liu, Y., Kurtanidze, O. M., Nikolashvili, M. G., Liu, X., Zhang, L. X., Cai, J. T., Zhu, J. T., He, S. L., Yang, W. X., Yang, J. H., Gu, M. F., Luo, G. Y., Yuan, Y. H., Optical Photometry of the Quasar 3C 454.3 during the Period 2006-2018 and the Long-term Periodicity Analysis, 2021, *ApJ Supl. Ser.*, **253**, art. id. 10

635. Yuan, Y. H., Wang, G. G., Xiao, H. B., Fan, J. H., Huang, H. R., Ding, G. Z., Wen, G. Z., Wu, F. J., Optical Monitoring and Variability Analyses of the FSRQ 3C 454.3, 2022, *ApJ Suppl. Ser.*, **262**, art. id 43

Bachev, R., Semkov, E., Kacharov, N., Gupta, A. C., Ovcharov, E., Strigachev, A., Photometric Study of the Close Eclipsing Binary MM Dra, 2011, *BlgAJ*, **15**, 93-95

636. Hicks, S., Laney, C. D., Carini, M. T., Richardson, W. N., Antoniuk, K., Pit, N., 14 years of photometric monitoring of MM Dra and a suspected variable in the field of blazar 1ES 1959+650, 2017, *IBVS*, **6222**, 1

Semkov, E., Peneva, S., Dennefeld, M., The FUor Candidate V582 Aurigae: First Photometric and Spectroscopic Observations, 2011, *BlgAJ*, **15**, 65

637. Audard, M., Abrahám, P., Dunham, M. M., Green, J. D., Grosso, N., Hamaguchi, K., Kastner, J. H., Kóspál, Á., Lodato, G., Romanova, M., Skinner, S. L., Vorobyov, E. I., Zhu, Z., Episodic Accretion in Young Stars, 2014, *Protostars and Planets VI*, University of Arizona Press, eds. H. Beuther, et al., 387

638. Oh, H.-I., Yoony, T. S., Sung, H.-I., Near-Ir Photometric and Optical Spectroscopic Study of the FU Orionis Object V582 Aurigae, 2015, *PKAS*, **30**, 269

639. Kóspál, Á., Ábrahám, P., Carmona, A., Chen, L., Green, J. D., van Boekel, R., White, J. A., Grain growth in newly discovered young eruptive stars, 2020, *ApJ Lett.*, **895**, L48
- Semkov, E. H., Photometric Variability of the Pre-Main Sequence Stars, 2011, *Bul. Astr. J.*, **15**, 49
640. Michalska, G., Variable Stars in Young Open Cluster NGC 2244, 2019, *MNRAS*, **487**, 3505–3522
641. Bhardwaj, A., Panwar, N., Herczeg, G. J., Chen, W. P., Singh, H. P., Variability of young stellar objects in the star-forming region Pelican Nebula, 2019, *A&A*, **627**, A135
642. Sinha, T., Sharma, S., Panwar, N., Matsunaga, N., Ogura, K., Kobayashi, N., Yadav, R. K., Ghosh, A., Pandey, R., Bisht, P. S., Photometric variability of the pre-main sequence stars towards the Sh 2-190 region, 2021, *ApJ*, **921**, art. id. 165
643. Jiang, S. D., Hillenbrand, L. A., The Emerging Stellar Complex in Mon R2: Membership and Optical Variability Classification, 2024, *AJ*, **167**, art. id. 221
- Semkov, E., Peneva, S., The new FUor star HBC 722 - one year after the outburst, 2011, *BlgAJ*, **17**, 88
644. Bonev, T., National roadmap for research infrastructure, 2011, *BlgAJ*, **17**, 3
645. Liebhart, A., Guedel, M., Skinner, S., Green, J., X-ray emission from an FU Ori star in early outburst: HBC 722, 2014, *A&A*, **570**, L11
- Rani, B, Gupta, A. C., Bachev, R., Strigachev, A., Semkov, E., D'Ammando, F., Wiita, P. J., Gurwell, M. A., Ovcharov, E., Mihov, B., Boeva, S., Peneva, S., Spectral Energy Distribution variation in BL Lacs and FSRQs, 2011, *MNRAS*, **417**, 1881
646. Schneider, M. D., Becker, R. H., de Vries, W., White, R. L., Foreground Predictions for the Cosmic Microwave Background Power Spectrum from Measurements of Faint Inverted Radio Sources at 5 GHz, 2012, *ApJ*, **750**, 154
647. Wu, Z., Jiang, D. R., Gu, M., The radio structure of ultra-high-energy synchrotron-peak BL Lacs, 2012, *MNRAS*, **424**, 2733
648. Linford, J. D.; Taylor, G. B.; Schinzel, F. K., Gamma-Ray Loudness, Synchrotron Peak Frequency, and Parsec-scale Properties of Blazars Detected by the Fermi Large Area Telescope, 2012, *ApJ*, **757**, L25
649. Linford, J. D., Parsec-Scale Properties of Gamma-Ray Bright Blazars, 2012, PhD Dissertation, The University of New Mexico, Albuquerque, New Mexico, USA
650. Chen, L., Curvature of the Spectral Energy Distributions of Blazars, 2014, *ApJ*, **788**, 179
651. Archambault, S., Archer, A., Benbow, W., et al., Upper limits from five years of blazar observations with the VERITAS Cherenkov telescopes, 2016, *AJ*, **151**, art. id. 142
652. Yang, J., Zhou, B., Radiation Mechanisms and Physical Properties of GeV γ -Ray Source GB 1310+487, 2016, *PASP*, **128 (962)**, pp. 044101
653. Xue, R., Luo, D., Du, L. M., Wang, Z. R., Xie, Z. H., Yi, T. F., Xiong, D. R., Xu, Y. B., Liu, W. G., Yu, X. L., Curvature of the spectral energy distribution, the dominant process for inverse Compton component and other jet properties in Fermi 2LAC blazars, 2016, *MNRAS*, **463**, 3038
654. Ding, N., Zhang, X., Xiong, D. R., Zhang, H. J., The physical properties of Fermi TeV BL Lac objects jets, 2017, *MNRAS*, **464**, 599
655. Kim, D.-W., Trippe, S., Lee, S.-S., Park, J.-H., Kim, J.-Y., Algaba, J.-C., Hodgson, J. A., Kino, M., Zhao, G.-Y., Wajima, K., Kang, S., Oh, J., Lee, T., Byun, D.-Y., Kim, S.-W., Kim, J.-S., The Millimeter-Radio Emission of BL Lacertae During Two gamma-ray Outbursts, 2017, *JKAS*, **50**, 167
656. Tan, C., Xue, R., Du, L.-M., Xi, S.-Q., Wang, Z.-R., Xie, Z.-H., The physical properties of Fermi-4LAC flat spectrum radio quasars, 2020, *ApJ Supp.*, **248**, art. id. 27
657. Anjum, M., Chen, L., Gu, M., On the Origin and Evolution of Curvature of the Spectral Energy Distribution of Fermi Bright Blazars, 2020, *ApJ*, **898**, art. id. 48

658. Fernandes, S., Patiño-Álvarez, V. M., Chavushyan, V., Schlegel, E. M., Ramón Valdés, J., Multiwavelength Analysis of the Variability of the Blazar 3C 273, 2020, *MNRAS*, **497**, 2066–2077
659. Yang, J.-H., Fan, J.-H., Liu, Y., Tuo, M.-X., Pei, Z.-Y., Yang, W.-X., Yuan, Y.-H., He, S.-L., Wang, S.-H., Qu, X.-H., Zhang, Y.-L., Nie, J.-J., Chen, X.-H., Estimation of inverse Compton peak frequency for 4FGL Blazars, 2023, *Science China Physics, Mechanics and Astronomy*, **66**, art. num. 249511
660. Harper, S. E., Barr, A., Dickinson, C., Peel, M. W., Cepeda-Arroita, R., Copley, C. J., Grumitt, R. D. P., Leahy, J. P., Jonas, J. L., Jones, M. E., Leech, J., Pearson, T. J., Readhead, A. C. S., Taylor, A. C., The C-Band All-Sky Survey (C-BASS): New Constraints on the Integrated Radio Spectrum of M 31, 2023, *MNRAS*, **523**, 3471–3486
- Garcia-Alvarez, D., Wright, N. J., Drake, J. J., Abraham, P., Anandarao, B. G., Kashyap, V., Kospal, A., Kun, M., Marengo, M., Moor, A., Peneva, S., Semkov, E., Venkat, V., Sanz-Forcada, J., Multi-Wavelength Study of the 2008-2009 Outburst of V1647 Ori, 2011, *ASP Conference Series*, **448**, 609
661. Ibryamov, S., Activity Of T Tauri Type Stars And Objects Similar To Them, 2016, PhD Thesis, Institute of Astronomy and National Astronomical Observatory, BAS, Sofia, Bulgaria
- Semkov, E., Peneva, S., Optical Photometry of GM Cep: Evidence for UXor Type of Variability, 2012, *Ap&SS*, **338**, 95
662. Chen, W. P., Hu, S. C.-L., Errmann, R., et al., A Possible Detection of Occultation by a Proto-planetary Clump in GM Cephei, 2012, *ApJ*, **751**, id. 118
663. Hillenbrand, L. A., Miller, A. A., Covey, K. R., Carpenter, J. M., Cenko, S. B., Silverman, J. M., Muirhead, P., Fischer, W., Crepp, J. R., Bloom, J. S., Filippenko, A. V., Highly Variable Extinction and Accretion in the Jet-driving Class I Type Young Star PTF 10nvg (V2492 Cyg, IRAS 20496+4354), 2012, *AJ*, **145**, 59
664. Chen, W. P., Hu, S. C.-L., Detection of a Proto-planetary Clump in the Habitable Zone of GM Cephei, 2014, *IAUS*, **293**, 74
665. Audard, M., Abraham, P., Dunham, M. M., Green, J. D., Grosso, N., Hamaguchi, K., Kastner, J. H., Kóspál, Á., Lodato, G., Romanova, M., Skinner, S. L., Vorobyov, E. I., Zhu, Z., Episodic Accretion in Young Stars, 2014, *Protostars and Planets VI*, University of Arizona Press, eds. H. Beuther, et al., 387
666. Sicilia-Aguilar, A., Roccatagliata, V., Getman, K., Rivière-Marichalar, P., Birnstiel, T., Merín, B., Fang, M., Henning, T., Eiroa, C., Currie, T., The Herschel/PACS view of the Cep OB2 region: Global protoplanetary disk evolution and clumpy star formation, 2015, *A&A*, **573**, A19
667. Catelan, M., Smith, H. A., 2015, *Pulsating Stars*, Wiley-VCH, Weinheim, Germany, 472 pages
668. Giannini, T., Lorenzetti, D., Harutyunyan, A., Li Causi, G., Antonucci, S., Arkharov, A. A., Larionov, V. M., Strafella, F., Carini, R., Di Paola, A., Speziali, R., A new insight into the variability of V1184 Tauri, 2016, *A&A*, **588**, A20
669. Munari, U., Castellani, F., Giannini, T., Antonucci, S., Lorenzetti, D., A sudden brightness decrease of the young pre-MS object GM Cep, 2017, *Atel*, **11004**; 1
670. Andreasyan, H., Magakian, T., Movsessian, T., Simultaneous photometric and spectral analysis of a new outburst of V1686 Cyg, 2020, *RAA*, **20(4)**, art. id. 53
671. Andreasyan, H., The investigation of young eruptive stars, 2021, PhD thesis, Byurakan Astrophysical Observatory, Byurakan, Armenia
672. Mutafov, A., Eclipse Variables of UX Ori Type, 2024, *BlgAJ*, 41, accepted
- Gaur, H., Gupta, A. C., Strigachev, A., Bachev, R., Semkov, E., Wiita, P. J., Peneva, S., Boeva, S., Kacharov, N., Mihov, B., Ovcharov, E., Quasi-simultaneous two band optical rapid variability of the blazars 1ES 1959+650 and 1ES 2344+514, 2012, *MNRAS*, **420**, 3147

673. Kapanadze, B. Z., Catalog and Statistical Study of X-Ray Selected BL Lacertae Objects, 2013, *AJ*, **145**, 31
674. Stefan Rügamer, Multi-Wavelength Observations of the high-peaked BL Lacertae objects 1ES 1011+496 and 1ES 2344+514, 2013, PhD thesis, Julius-Maximilians-Universität, Würzburg, Germany
675. de Diego, J. A., On the Reliability of Microvariability Tests in Quasars, 2014, *AJ*, **148**, 93
676. Kapanadze, B., Romano, P., Vercellone, S., Kapanadze, S., The X-ray behaviour of the high-energy peaked BL Lacertae source PKS 2155-304 in the 0.3-10 keV band, 2014, *MNRAS*, **444**, 1077
677. Hu, Shao Ming; Chen, X., Guo, D. F., Jiang, Y. G., Li, K., Quasi-simultaneous multicolour optical variability of S5 0716+714, 2014, *MNRAS*, **443**, 2940
678. Iliev, I., What astronomy with meter-class telescopes? Sharing experience with the next-door observatory, 2014, *CoSka*, **43**, 169
679. Chen, X., Hu, S.-M., Guo, D. F., Microvariability Detection of Mrk 421 2014, *JAA*, **35**, 261
680. Shao M., Chen, X., Guo, D. F., Variability of OI 090.4, 2014, *JAA*, **35**, 465
681. Yuan, Y. H., Fan, J. H., Pan, H. J., Optical Photometry of the BL Lac Object 1ES 1959+650, 2015, *AJ*, **150**, article id. 67
682. Kapanadze, B., Romano, P., Vercellone, S., Kapanadze, S., Mdzinarishvili, T., Kharshiladze, G., The long-term Swift observations of the high-energy peaked BL Lacertae source 1ES 1959+650, 2016, *MNRAS*, **457**, 704
683. Xiong, D., Bai, J., Zhang, H., Fan, J., Gu, M., Yi, T., Zhang, X., Multi-color optical monitoring of the quasar 3C 273 from 2005 to 2016, 2017, *ApJS*, **229**, art. no. 21
684. Zhang, Y.-H., Li, J.-C., Optical variability of the high synchrotron energy peaked blazar 1ES 1959+650 on various time-scales, 2017, *MNRAS*, **469**, 1682
685. Bhattacharya, D., Mohana, K. A., Gulati, S., Bhattacharyya, S., Bhatt, N., Sreekumar, P., Stalin, C. S., Unusual long-term low activity states of EGRET Blazars in the Fermi Era, 2017, *MNRAS*, **471**, 5008
686. Li, X.-P., Luo, Y.-H., Yang, H.-Y., Yang, Ch., Cai, Y., Yang, H.-T., A Search for Quasi-periodic Oscillations in the Blazar 1ES 1959+650, 2017, *ApJ*, 847, art. no. 8
687. Kapanadze, S., Kapanadze, B., Romano, P., Vercellone, S., Tabagari, L., The swift observations of BL Lacertae object 1ES 2344+514, 2017, *Ap&SS*, **362**, article id. 196
688. Sosa, M., von Essen, C., Andruchow, I., Cellone, S., Impact of seeing and host galaxy into the analysis of photo-polarimetric microvariability in blazars - Case study of the nearby blazars 1ES 1959+650 and HB89 2201+044, 2017, *A&A*, **607**, A49
689. Qin, L., Wang, J., Yan, D., Yang, Ch., Yuan, Z., Zhou, M., Constraining the redshifts of TeV BL Lac objects, 2018, *MNRAS*, **473**, 3755
690. Qin, L., Wang, J., Yang, Ch., Yuan, Z., Kang, S., Mao, J., Using the Markov Chain Monte Carlo method to study the physical properties GeV-TeV BL Lac objects, 2018, *PASJ*, **70**, art. id. 5
691. Zhang, X., Wu, J., Meng, N., Intra-day optical multi-band quasi-simultaneous observation of BL Lacertae object S5 0716+714 from 2013 to 2016, 2018, *MNRAS*, **478**, 3513
692. Kaur, N., Baliyan, K. S., Chandra, S., Sameer; G. S., Optical variability in IBL S5 0716+714 during the 2013-2015 outburst, 2018, *AJ*, **156**, art. id. 36
693. Meng, N., Zhang, X., Wu, J., Ma, J., Zhou, X., Multi-color optical monitoring of ten blazars from 2005 to 2011, 2018, *ApJS*, **237**, art. id. 30
694. Bhattacharya, D., Gulati, S., Stalin, C. S., Intra-night optical variability of misaligned active galaxies, 2019, *MNRAS*, **483**, 3382
695. Sosa, M., Estudio observacional de la emission óptica de blazares detectados a altas energías, 2019, Tesis Doctoral, Universidad National de La Plata, Facultad de Ciencias Astronómicas y Geofísicas, Argentina

696. Liu, H. T., Feng, H. C., Xin, Y. X., Bai, J. M., Search for Intra-day Optical Variability in gamma-ray--loud Blazars S5 0716+714 and 3C 273, 2019, *ApJ*, **880**, art. id. 155
697. Li, H.-Z., Qin, L.-H., Gao, Q.-G., Yi, T.-F., Gong, Y.-L., Guo, D.-F., Jiang, Y.-G., Lu, F.-W., Ma, J., Ren, J.-Y., Liu, Y.-L., Multiband Emission Properties of 1ES 1959+650, 2022, *PASP*, **134**, art. id. 044101
698. Li, H.-Z., Gao, Q.-G., Qin, L.-H., Yi, T.-F., Chen, Q.-R., Quasi-periodic Oscillation Analysis for the BL Lacertae Object 1823+568, 2022, *RAA*, **22**, id. 055017
699. Dong, F., Gai, N., Tang, Y., Wang, Y.-F., Yi, T.-F., Evidence of quasi-periodic oscillation in the optical band of the blazar 1ES 1959+650, 2022, *RAA*, **22**, art. id. 115001
700. Rajput, B., Pandey, A., Stalin, C. S., Mathew, B., Study of correlation between optical flux and polarization variations in BL Lac objects, 2022, *MNRAS*, **517**, 3236–3256
701. Chang, X., Yi, T. F., Xiong, D. R., Liu, C. X., Yang, X., Li, H. Z., Gong, Y. L., Na, W. W., Li, Y., Chen, Z. H., Chen, J. P., Mao, L. S., Multicolour Optical Variability Monitoring of Blazars with High Time Resolution, 2023, *MNRAS*, **520**, 4118–4133
702. Li, H.-Z., Guo, D.-F., Qin, L.-H., Yi, T.-F., Liu, F., Gao, Q.-G., Chang, X., The optical intra-day variability of BL laceratae object 2200 + 420, 2024, *MNRAS*, **528**, 6823-6835
- Skopal, A., Shugarov, S., Vanko, M., Dubovsky, P., Peneva, S. P., Semkov, E., Wolf, M., Recent photometry of symbiotic stars – XIII, 2012, *AN*, **333**, 242
703. Angeloni, R.; Di Mille, F.; Ferreira Lopes, C. E.; Masetti, N., Discovery of Fast, Large-amplitude Optical Variability of V648 Car (=SS73-17), 2012, *ApJ*, **756**, L21
704. Leibowitz, E. M., Formiggini, L., The Peculiar Light Curve of the Symbiotic Star AX Per of the Last 125 Years, 2013, *AJ*, **146**, 117
705. Tomov, N. A., Tomova, M. T., Bisikalo, D. V., Symbiotic stars with similar line profiles during activity, 2013, *AIPC*, **1551**, 30
706. Kondratyeva, L., Rspaev, F., New outburst of AX Persei in 2012, 2013, *IBVS*, **6056**, 1
707. Rspaev, F., Kondratyeva, L., Aimuratov, E., CH Cygni: new brightening in 2014, 2014, *IBVS*, **6117**, 1
708. Hric, L.; Gális, R.; Leedjärv, L.; Burmeister, M.; Kundra, E., Outburst activity of the symbiotic system AG Dra, 2014, *MNRAS*, **443**, 1103
709. Tomov, N. A.; Tomova, M. T.; Bisikalo, D. V., Symbiotic stars with spectral indication of bipolar ejection and stellar wind, 2014, *AN*, **335**, 178
710. Arkhipova, V. P., Esipov, V. F., Ikonnikova, N. P., Komissarova, G. V., Photometric and spectral evolution of the symbiotic eclipsing variable V1329 Cygni at a late stage of its nova-like outburst, 2015, *AstL*, **41**, 128
711. Hümmerich, S., Otero, S., Tisserand, P., Bernhard, K., The Curious Case of ASAS J174600-2321.3: an Eclipsing Symbiotic Nova in Outburst?, 2015, *JAVSO*, **43**, no. 1, p. 14
712. Catelan, M., Smith, H. A., Pulsating Stars, 2015, Wiley-VCH, Weinheim, Germany, 472 pages
713. Tomov, N. A., Tomova, M. T., Bisikalo, D. V., Transient accretion disc-like envelope in the symbiotic binary BF Cygni during its 2006 - 2015 optical outburst, 2015, *AN*, **336**, 690
714. Tomov, N. A., Tomova, M. T., Bisikalo, D. V., Interpretation of the UBV R_cI_c light variations of the symbiotic binary BF Cyg during its 2006-2014 optical outburst, 2016, *AIPC*, **1714**, id. 020004
715. Kenyon, S. J., Garcia, M. R., EG Andromedae: A New Orbit and Additional Evidence for a Photoionized Wind, 2016, *AJ*, **152**, art. id. 1
716. Tomov, T. V., Stoyanov, K. A., Zamanov, R. K., AG Pegasi - now a classical symbiotic star in outburst?, 2016, *MNRAS*, **462**, 4435
717. Kondratyeva, L. N., Rspaev, F. K., Krugov, M. A., Serebryanskiy, A. V., Active Stage of the Object CH Cyg B in 2014-2015, 2017, *Astrophysics*, **60**, 153
718. Kondratyeva, I. N., Rspaev, F. K., Reva, I. V. Krugov, M. A., Photometric and Spectral Studies of the Object EG And, 2018, *Astrophysics*, **61**, 353

719. Vrašták, M., Recent photometry of selected symbiotic stars, 2018, Proceedings of the 49th Conference on Variable Stars Research, vol. 187, 3-5 Nov., 2017, Brno, Czech Republic, 2017, Ed. R. Kocián, 24-29

720. Merc, J., Gális, R., Wolf, M., Leedjäv, L., Teyssier, F., The activity of the symbiotic binary Z Andromedae and its latest outburst, 2019, Proc. of the 50th Conf. on Variable Stars Research, vol. 197, Brno, Czech Republic, ed. R. Kocián, p. 23

721. Boneva, D., Zamanov, R., Detection of possible gamma emission flares in three interacting binary stars, 2020, *BlgAJ*, **32**, 3-11

722. Munari, U., Traven, G., Masetti, N., Valisa, P., Righetti, G. -L., Hamsch, F. -J., Frigo, A., Cotar, K., De Silva, G. M., Freeman, K. C., Lewis, G. F., Martell, S. L., Sharma, S., Simpson, J. D., Ting, Y. -S., Wittenmyer, R. A., Zucker, D. B., The GALAH Survey and Symbiotic Stars. I. Discovery and follow-up of 33 candidate accreting-only systems, 2021, *MNRAS*, **505**, 6121–6154

723. Zamanov, R. K., Stoyanov, K. A., Kostov, A., Kurtenkov, A., Nikolov, G., Latev, G., Bode, M. F., Marti, J., Luque-Escamilla, P. L., Tomov, N., Nikolov, Y. M., Boeva, S. S., The symbiotic binary ZZ CMi: intranight variability and suggested outbursting nature, 2021, *AN*, **342** (7-8), 952-959

724. Merc J., Multi-frequency research of symbiotic binaries, 2022, Charles University, Faculty of Mathematics and Physics, *PhD Thesis*, Prague, Czech Republic

Semkov, E., Peneva, S., Munari, U., Tsvetkov, M., Jurdana-Sepic, R., de Miguel, E., Schwartz, R., Dimitrov, D., Kjurkchieva, D., Radeva, V., Optical photometric and spectral study of the new FU Orionis object V2493 Cygni (HBC 722), 2012, *A&A*, **542**, A43

725. Dunham, M. M., Arce, H. G., Bourke, T. L., Chen, X., van Kempen, T. A., Green, J. D., Revealing The Millimeter Environment of the New FU Orionis Candidate HBC722 with the Submillimeter Array, 2012, *ApJ*, **755**, 157

726. Lorenzetti, D., Efimova, N., Larionov, V., Arkharov, A., Gorshanov, D., Giannini, T., Antonucci, S., Di Paola, A., Near-IR spectroscopy of the eruptive variable source V2493 Cyg (HBC 722), 2012, *ATel*, **4123**, 1

727. Antonucci, S., Arkharov, A., Klimanov, S., Lorenzetti, D., Giannini, T., Di Paola, A., Larionov, V., Continuous brightening of the eruptive variable V2493 Cyg (HBC 722), 2013, *ATel*, **5023**, 1

728. Green, J. D., Evans, N. J., II; K'osp'al, A., Herczeg, G., Quanz, S. P., Henning, Th., van Kempen, T. A., Lee, J.-E., Dunham, M. M., Meeus, G., Bouwman, J., Chen, J., Guedel, M., Skinner, S. L., Liebhart, A.; Merello, M., An Analysis of the Environments of FU Orionis Objects with Herschel, 2013, *ApJ*, **772**, id. 117

729. Green, J. D., Robertson, P., Baek, G., Pooley, D., Pak, S., Im, M., Lee, J.-E., Jeon, Y., Choi, C., Meschiari, S., Variability at the Edge: Optical Near/IR Rapid Cadence Monitoring of Newly Outbursting FU Orionis Object HBC 722, 2013, *ApJ*, **764**, 22

730. Siwak, M., Rucinski, S. M., Matthews, J. M., Kuschnig, R., Guenther, D. B., Moffat, A. F. J., Rowe, J. F., Sasselov, D., Weiss, W. W., Photometric variability in FU Ori and Z CMA as observed by MOST, 2013, *MNRAS*, **432**, 194

731. Osborn, W., Man versus Machine: Eye Estimates in the Age of Digital Imaging, Regional Variable Star Conference: Physics & Astronomy Department, Michigan State University: “40 Years of Variable Stars: A Celebration of Contributions by Horace A. Smith”, 30-31 May 2013, K. Kinemuchi et al. (eds.), 2013, 63

732. Sung, H.-I., Park, W.-K., Yang, Y.; Lee, S.-G., Yoon, T. S., Lee, J.-E., Kang, W., Park, K.-H., Cho, D.-H., Park, S., Near-IR Photometric Study of the FU Orionis Object HBC 722, 2013, *JKAS*, **46**, 253

733. Gramajo, L. V., Rodon, J. A., Gomez, M., SED analysis of class I and class II FU Orionis stars, 2014, *AJ*, **147**, id. 140

734. Park, W.-K.; Sung, H.-I.; Yang, Y.; Lee, S.-G.; Yoon, T. S.; Lee, J.-E.; Kang, W.; Park, K.-H.; Cho, D.-H.; Park, S. Near-infrared Photometric Study on HBC 722 after its Outburst, 2014, *ASPC*, **482**, 49
735. Baek, G.; Pak, S.; Green, J. D.; Lee, J.-E.; Bae, M. K.; Jeon, Y.; Choi, C.; Im, M.; Meschiari, S. Multi-Color Variability Study of HBC 722, 2014, *ASPC*, **482**, 67
736. Liebhart, A., Guedel, M., Skinner, S., Green, J., X-ray emission from an FU Ori star in early outburst: HBC 722, 2014, *A&A*, **570**, L11
737. Bally, J., Ginsburg, A., Probst, R., Reipurth, B., Shirley, Y. L., Stringfellow, G. S., Outflows, Dusty Cores, and a Burst of Star Formation in the North America and Pelican Nebulae, 2014, *AJ*, **148**, id. 120
738. Baek, G., Pak, S., Green, J. D., Meschiari, S., Lee, J.-E., Jeon, Y., Choi, C., Im, M., Sung, H.-I., Park, W.-K., Color Variability of HBC 722 in the Post-Outburst Phases, 2015, *AJ*, **149**, id. 73
739. Audard, M., Abraham, P., Dunham, M. M., Green, J. D., Grosso, N., Hamaguchi, K., Kastner, J. H., Kóspál, Á., Lodato, G., Romanova, M., Skinner, S. L., Vorobyov, E. I., Zhu, Z., Episodic Accretion in Young Stars, 2014, Protostars and Planets VI, University of Arizona Press, eds. H. Beuther, et al., 387
740. Kóspál, Á.; Abraham, P.; Acosta-Pulido, J. A.; Dunham, M. M.; García-Álvarez, D.; Hogerheijde, M. R.; Kun, M.; Moór, A.; Farkas, A.; Hajdu, G.; Hodosán, G.; Kovács, T.; Kriskovics, L.; Marton, G.; Molnár, L.; Pál, A.; Sárneczky, K.; Sódor, Á.; Szakáts, R.; Szalai, T.; Szegedi-Elek, E.; Szing, A.; Tóth, I.; Vida, K.; Vinkó, J., Multi-wavelength study of the low-luminosity outbursting young star HBC 722, 2016, *A&A*, **596**, A52
741. Ibryamov, S., Activity Of T Tauri Type Stars And Objects Similar To Them, 2016, PhD Thesis, Institute of Astronomy and National Astronomical Observatory, BAS, Sofia, Bulgaria
742. Damiani, F., Pillitteri, I., Prisinzano, L., X-ray survey of the North-America and Pelican star-forming complex (NGC7000/IC5070), 2017, *A&A*, **602**, id. A115
743. Ruíz-Rodríguez, D., Cieza, L.A., Williams, J. P., Principe, D., Tobin, J. J., Zhu, Z., Zurlo, A., The ALMA Early Science View of FUor/EXor objects. III. The Slow and Wide Outflow of V883 Ori, 2017, *MNRAS*, **468**, 3266
744. Ruíz-Rodríguez, D., Studying young stellar objects with near-IR non-redundant aperture masking and millimeter interferometry, 2017, PhD thesis, Australian National University, Austria
745. Liu, H. B., Dunham, M. M., Pascucci, I., Bourke, T. L., Hirano, N., Longmore, S., Andrews, S., Carrasco-González, C., Forbrich, J., Galván-Madrid, R., Girart, J. M., Green, J. D., Juárez, C., Kóspál, Á., Manara, C. F., Palau, A., Takami, M., Testi, L., Vorobyov, E. I., A 1.3 mm SMA Survey of 29 Variable Young Stellar Objects, 2018, *A&A*, **612**, A54
746. Connelley, M., Reipurth, B., A Near-infrared Spectroscopic Survey of FU Orionis Objects, 2018, *ApJ*, **861**, art. id. 145
747. Liu, H., Herczeg, G. J., Johnstone, D., Contreras-Peña, C., Lee, J.-E., Yang, H., Zhou, X., Yoon, S.-Y., Lee, H.-G., Kunitomo, M., Jose, J., Diagnosing FUor-like Sources: The Parameter Space of Viscously Heated Disks in the Optical and Near-IR, 2022, *ApJ*, **936**, art. id. 152
748. Ghosh, A., Sharma, S., Ninan, J. P., Ojha, D. K., Bhatt, B. C., Sahu, D. K., Baug, T., Yadav, R. K., Irawati, P., Gour, A. S., Panwar, N., Pandey, R., Sinha, T., Verma, A., Post-outburst evolution of bonafide FUor V2493 Cyg: A Spectro-photometric monitoring, 2023, *ApJ*, **954**, art. id. 82
749. Lucas, P. W., Smith, L. C., Guo, Z., Contreras Peña, C., Minniti, D., Miller, N., Alonso-García, J., Catelan, M., Borissova, J., Saito, R. K., Kurtev, R., Navarro, M. G., Morris, C., Muthu, H., Froebrich, D., Ivanov, V. D., Bayo, A., Caratti o Garatti, A., Sanders, J. L., The most variable VVV sources: eruptive protostars, dipping giants in the nuclear disc and others, 2024, *MNRAS*, **528**, 1789-1822

- Semkov, E. H., Peneva, S. P., Munari, U., Tsvetkov, M. K., Jurdana-Sepic, R., de Miguel, E., Schwartz, R. D., Dimitrov, D. P., Kjurkchieva, D. P., Radeva, V. S., V2493 Cyg BVRI long term photometry (Semkov+, 2012), 2012, *VizieR On-line Data Catalog*, 354, 29043
750. Green, J. D., Robertson, P., Baek, G., Pooley, D., Pak, S., Im, M., Lee, J.-E., Jeon, Y., Choi, C., Meschiari, S., Variability at the Edge: Optical Near/IR Rapid Cadence Monitoring of Newly Outbursting FU Orionis Object HBC 722, 2013, *ApJ*, **764**, 22
751. Baek, G.; Pak, S.; Green, J. D.; Lee, J.-E.; Bae, M. K.; Jeon, Y.; Choi, C.; Im, M.; Meschiari, S. Multi-Color Variability Study of HBC 722, 2014, *ASPC*, **482**, 67
752. Baek, G., Pak, S., Green, J. D., Meschiari, S., Lee, J.-E., Jeon, Y., Choi, C., Im, M., Sung, H.-I., Park, W.-K., Color Variability of HBC 722 in the Post-Outburst Phases, 2015, *AJ*, **149**, id. 73
- Gałań, C., Mikołajewski, M., Tomov, T. ..., Semkov, E., et al., International observational campaigns of the last two eclipses in EE Cephei: 2003 and 2008/9, 2012, *A&A*, **544**, A53
753. Dong, S., Katz, B., Prieto, J. L.; Udalski, A., Kozłowski, S., Street, R. A., OGLE-LMC-ECL-11893: The discovery of a long-period eclipsing binary with a circumstellar disk, 2014, *ApJ*, **788**, id. 41
754. Meng, Z., Quillen, A. C., Bell, C. P. M., Mamajek, E. E., Scott, E. L., The fraction of young eclipsing binaries that host discs, 2014, *MNRAS*, **441**, 3733
755. Quillen, A. C., Ciocca, M., Carlin, J. L., Bell, C. P. M., Meng, Z., Variability in the 2MASS Calibration Fields: A Search for Transient Obscuration Events, 2014, *MNRAS*, **441**, 2691
756. Scott, E. L., Mamajek, E. E., Pecaut, M. J., Quillen, A. C.; Moolekamp, F., Bell, C. P. M., Modeling Transiting Circumstellar Disks: Characterizing the Newly Discovered Eclipsing Disk System OGLE LMC-ECL-11893, 2014, *ApJ*, **797**, id. 6
757. Rattenbury, N. J.; Wyrzykowski, Ł.; Kostrzewa-Rutkowska, Z.; Udalski, A.; Kozłowski, S.; Szymański, M. K.; Pietrzyński, G.; Soszyński, I.; Poleski, R.; Ulaczyk, K.; Skowron, J.; Pietrukowicz, P.; Mróz, P.; Skowron, D., OGLE-BLG182.1.162852: An Eclipsing Binary with a Circumstellar Disk, 2015, *MNRAS*, **447**, L31
758. Boyd, D., Photometric and spectroscopic observations of the 2014 eclipse of the complex binary EE Cephei, 2015, *The Journal of the British Astronomical Association*, **125**, 94
759. Blake, M., Hunter, M., A Binary Model for the Emission Line Star FX Velorum, 2015, *JAVSO*, 43, 59
760. Stencel, R. E., ϵ Aurigae: A Two Century Long Dilemma Persists, 2015, in *Giants of Eclipse: The ζ Aurigae Stars and Other Binary Systems*, Astrophysics and Space Science Library, 408, ISBN 978-3-319-09197-6. Springer International Publishing Switzerland, p. 107
761. Stencel, R. E., Opportunities for interferometric studies of disk-eclipsed binary star systems, 2016, Proc. SPIE 9907, *Optical and Infrared Interferometry and Imaging V*, 990717
762. Osborn, H. P., Rodriguez, J. E. et al., Periodic eclipses of the young star PDS 110 discovered with WASP and KELT photometry, 2017, *MNRAS*, 471, 740
763. Osborn, H. P., Long-Period Exoplanets from Photometric Transit Surveys, 2017, PhD Thesis, University of Warwick, Astronomy and Astrophysics Group, UK
764. Sicardy, B., Moutamid, M. E., Quillen, A. C., Schenk, P. M., Showalter, M. R., Walsh, K., Rings beyond the giant planets, 2018, in Tiscareno, M. S. and Murray, C. D. (Eds), *Planetary Ring Systems: Properties, Structure, and Evolution*, Cambridge University Press, 135-153
765. Latter, H. N., Ogilvie, G. I., Rein, H., Planetary rings and other astrophysical disks, 2018, in Tiscareno, M. S. and Murray, C. D. (Eds), *Planetary Ring Systems: Properties, Structure, and Evolution*, Cambridge University Press, 549-576
766. van Dam, D., Kenworthy, M., David, T., Mamajek, E., Hillenbrand, L., Cody, A M., Howard, A., Isaacson, H., Ciardi, D., Rebull, L., Stauffer, J., Patel, R., Collier Cameron, A., Rodriguez, J., Pojmański, G., Gonzales, E., Schlieder, J., Hamsch, F.-J., Dufour, S., Vanmunster, T., Dubois, F., Vanaverbeke, S., Logie, L., Rau, S., An Asymmetric Eclipse Seen Towards the Pre-Main Sequence Binary System V928 Tau, 2020, *AJ*, **160**, art. id. 285

- Bachev, R., Semkov, E., Strigachev, A., Gupta, A. C., Gaur, H., Mihov, B., Boeva, S., Slavcheva-Mihova, L., The nature of the intra-night optical variability in blazars, 2012, *MNRAS*, **424**, 2625
767. Wehrle, A. E., Wiita, P. J., Unwin, S. C., Di Lorenzo, P., Revalschi, M., Silano, D., Sprague, D., Kepler Photometry of Four Radio-loud Active Galactic Nuclei in 2010-2012, 2013, *ApJ*, **773**, 89
768. Hu, S. M., Chen, X., Guo, D. F., Jiang, Y. G., Li, K., Quasi-simultaneous multicolour optical variability of S5 0716+714, 2014, *MNRAS*, **443**, 2940
769. Zhou, Y., Yan, D.-H., Dai, B.-Z., The optical variability properties of flat spectrum radio quasar 3C 454.3, 2015, *NewA*, **36**, 19
770. Li, X., Zhang, L., Luo, Y., Wang, L., Zhou, L., Colour variation of the BL Lacertae object PKS 0537-441, 2015, *MNRAS*, **449**, 2750
771. Guo, Y. C., Hu, S. M., Li, Y. T., Chen, X., Statistical Analysis on Temporal Properties of BL Lacertae, 2016, *MNRAS*, **460**, 1790-1800
772. Marchesini, E. J., Andruchow, I., Cellone, S. A., Combi, J. A., Zibecchi, L., Martí, J., Romero, G. E., Muñoz-Arjonilla, A. J., Luque-Escamilla, P., Sánchez-Sutil, J. R., Optical flux behaviour of a sample of Fermi blazars, 2016, *A&A*, **591**, A21
773. Goyal, A., Stawarz, L., Ostrowski, M., Larionov, V., Gopal-Krishna; Wiita, P. J., Joshi, S., Soida, M., Multi-wavelength variability study of the classical BL Lac object PKS 0735+178 on timescales ranging from decades to minutes, 2017, *ApJ*, **837**, art. id. 127
774. Paliya, V. S., Stalin, C. S., Ajello, M., Kaur, A., Intra-night Optical Variability Monitoring of Fermi Blazars: First Results from 1.3 m J. C. Bhattacharya Telescope, 2017, *ApJ*, **844**, art. id. 32
775. Paliya, V. S., Marcotulli, L., Ajello, M., Joshi, M., Sahayanathan, S., Rao, A. R., Hartmann, D., General Physical Properties of CGRaBS Blazars, 2017, *ApJ*, **851**, art. id. 33
776. Bhatta, G., Webb, J. R., Microvariability in BL Lac: Zooming into the Innermost Blazar Regions, 2018, *Galaxies*, **6(1)**, art. id. 2
777. Gopal-Krishna, Wiita, P. J., Optical monitoring of Active Galactic Nuclei from ARIES, 2018, Bulletin of Liège Royal Society of Sciences, **87**, Actes de colloques, 281-290
778. Kaur, N., Baliyan, K. S., Chandra, S., Sameer; G. S., Optical variability in IBL S5 0716+714 during the 2013-2015 outburst, 2018, *AJ*, **156**, art. id. 36
779. Petrov, N., Kjurkchieva, D., Tsvetkov, T., Modern history of astronomy in Bulgaria, 2018, *Astronomical & Astrophysical Transactions*, **30 (4)**, 441-452
780. González Pérez, J. N., Systematic study of the rapid optical-NIR variability of blazars and other AGNs, 2018, PhD Dissertation, Department Physik, Universität Hamburg, Gemany
781. Bhattacharya, D., Gulati, S., Stalin, C. S., Intra-night optical variability of misaligned active galaxies, 2019, *MNRAS*, **483**, 3382
782. Gazeas, K., Long-Term Optical Monitoring of Blazars, 2019, *Galaxies*, **7(2)**, art. id. 58
783. Żywucka, N., Tarnopolski, M., Böttcher, M., Stawarz, Ł., Marchenko, V., Optical variability modeling of newly identified blazar candidates behind Magellanic Clouds, 2020, *ApJ*, **888**, art. id. 107
784. Butuzova, M. S., A geometrical interpretation for the properties of multiband optical variability of the blazar S5 0716+714, 2021, *Astroparticle Physics*, **129**, art. id. 102577
785. McCall, C., Jermak, H. E., Steele, I. A., Kobayashi, S., Knapen, J. H., Sánchez-Alarcón, P. M., Detection of an intranight optical hard-lag with colour variability in blazar PKS 0735+178, 2024, *MNRAS*, **528**, 4702–4719

Gupta, A. C.; Krichbaum, T. P., Wiita, P. J., Rani, B., Sokolovsky, K. V., Mohan, P., Mangalam, A., Marchili, N., Fuhrmann, L., Agudo, I., Bach, U., Bachev, R., Böttcher, M., Gabanyi, K. E., Gaur, H., Hawkins, K., Kimeridze, G. N., Kurtanidze, O. M., Kurtanidze, S. O., Lee, C.-U., Liu, X., McBreen, B., Nesci, R., Nestoras, G., Nikolashvili, M. G., Ohlert, J.,M., Palma, N., Peneva, S., Pursimo, T.,

- Semkov, E., Strigachev, A., Webb, J. R., Wiesemeyer, H., Zensus, J. A., Multiwavelength intraday variability of the BL Lacertae S5 0716+714, 2012, *MNRAS*, **425**, 1357
786. Falomo, R., Pian, E., Treves, A., An optical view of BL Lacertae objects, 2014, *A&ARv*, **22**, 73
787. Park, J.-H., Trippe, S., Radio Variability and Random Walk Noise Properties of Four Blazars, 2014, *ApJ*, **785**, 76
788. Kapanadze, B., Kapanadze, S., Vardosanidze, M., Microvariability of 0.3-10 keV Flux in Hbl Source PKS 2155-304, 2014, *IJMPS*, **28**, id. 1460179
789. Chen, X., Hu, S. M., Guo, D. F.; Du, J. J., Optical variability of Mrk 421, 2014, *Ap&SS*, **349**, 909
790. Lin, Ming-quan, Radio-optical Intraday Variability Observation and Study of AGN, 2014, Dissertation for the degree of M.D. of Astrophysics, University of Chinese Academy of Sciences, China
791. Liu, J.; Liu, X., Rapid variability of BL Lac 0925+504: interstellar scintillation induced?, 2015, *Ap&SS*, **357**, 165
792. Yuan, Y. H.; Fan, J. H., Pan, H. J., Optical Photometry of the BL Lac Object 1ES 1959+650, 2015, *AJ*, **150**, article id. 67
793. Lee, T., Trippe, S., Oh, J., Byun, D.-Y., Sohn, B.-W., Lee, S.-S., A Search for AGN Intra-Day Variability with KVN, 2015, *JKAS*, **48**, 313
794. Fan, J. H., Yang, J. H., Liu, Y., Cai, W., Lin, C., Spectral energy distributions and some correlations for Fermi blazars, 2015, *IJMPS*, **30**, Art. n. 1545020
795. Man, Z., Zhang, X., Wu, J., Yuan, Q., Simultaneous optical monitoring of BL Lacertae object S5 0716+714 with high temporal resolution, 2016, *MNRAS*, **456**, 3168
796. Wiercholska, A., Siejkowski, H., First hard X-ray observations of the blazar S5 0716+714 with NuSTAR during a multiwavelength campaign, 2016, *MNRAS*, **458**, 2350
797. Fan, J., Liu, Y., Yang, J., Lin, C., Hao, J., Xiao, H., The Classifications and Some Correlations for Fermi Blazars, 2016, *Galaxies 2016*, **4(3)**, 16
798. Fan, J. H., Yang, J. H., Liu, Y., Luo, G. Y., Lin, C., Yuan, Y. H., Xiao, H. B., Zhou, A. Y., Hua, T. X., Pei, Z. Y., The Spectral Energy Distributions of Fermi Blazars, 2016, *ApJS*, **226**, art. id. 20
799. Tong, L. Y., Hu, S. M., Jiang, Y. G., Chen, X., Priyadarshi, S., Li, K., Guo, Y. Ch., Guo, D., Symmetry Analysis of the Multi-band Optical Variability of BL LAC S5 0716+714 in Intranight and Longer Timescales, 2017, *PASP*, **129**, 4101
800. Park, J., Trippe, S., The long-term centimeter variability of active galactic nuclei: A new relation between variability timescale and accretion rate, 2017, *ApJ*, 834, art. id. 157
801. Lee, J. W., Sohn, B. W., Byun, D. Y., Lee, J. A., Kim, S. S., Simultaneous dual-frequency radio observations of S5 0716+714: A search for intraday variability with the Korean VLBI Network, 2017, *A&A*, **601**, A12
802. Hong, S., Xiong, D., Bai, J., Multi-color optical monitoring of the BL Lacertae object S5 0716+714 during the 2012 outburst, 2017, *AJ*, **154**, art. id. 42
803. Yuan, Y.-H., Fan, J.-h., Tao, J., Qian, B.-C., Costantin, D., Xiao, H.-B., Pei, Z.-Y., Lin, C., Optical monitoring of BL Lac object S5 0716+714 and FSRQ 3C273 from 2000 to 2014, 2017, *A&A*, **605**, A43
804. Zeng, W., Zhao, Q.-J., Dai, B.-Z., Jiang, Z.-J., Geng, X.-F., Yang, S.-B., Liu, Z., Wang, D.-D., Feng, Z.-J., Zhang, L., Study on Variability and Spectral Properties of Blazar 3C 273 with Long-term Multi-band Optical Monitoring from 2006 to 2015, 2018, *PASP*, **130**, pp. 024102
805. Yuan, Y.-H., Chen, Z.-X., He, Y.-X., Long-Term Optical and Spectral Variability of FSRQ 3C454.3, 2018, *Adv. in Astr.*, **Volume 2018**, Art. ID 3435814
806. Laura Vega García, Space VLBI studies of internal structure and physical processes in extragalactic relativistic jets, INAUGURAL-DISSERTATION, Zur Erlangung des Doktorgrades der Mathematisch-Naturwissenschaftlichen Fakultät der Universität zu Köln, 2019, Deutschland

807. Lee, T., Trippe, S., Kino, M. et al., Jet Kinematics of the Quasar 4C +21.35 from Observations with the KaVA Very Long Baseline Interferometry Array, 2019, *MNRAS*, **486**, 2412–2421
808. Zibecchi, L. C., Estudio del comportamiento del flujo óptico y de rayos X en blazares, 2018, Tesis Doctoral, Universidad Nacional de La Plata, Facultad de Ciencias Astronómicas y Geofísicas, Argentina
809. González Pérez, J. N., Systematic study of the rapid optical-NIR variability of blazars and other AGNs, 2018, PhD Dissertation, Department Physik, Universität Hamburg, Germany
810. Liu, H. T., Feng, H. C., Xin, Y. X., Bai, J. M., Search for Intra-day Optical Variability in gamma-ray-loud Blazars S5 0716+714 and 3C 273, 2019, *ApJ*, **880**, art. id. 155
811. Koay, J. Y., Jauncey, D. L., Hovatta, T., Kiehlmann, S., Bignall, H. E., Max-Moerbeck, W., Pearson, T. J., Readhead, A. C. S., Reeves, R., Reynolds, C., Vedantham, H., The presence of interstellar scintillation in the 15 GHz interday variability of 1158 OVRO-monitored blazars, 2019, *MNRAS*, **489**, 5365
812. Kravchenko, E. V., Gómez, J. L., Kovalev, Y. Y., Voytsik, P. A., The jet of S5 0716+71 at μs scales with RadioAstron, 2019, *AdvSR*, **65**, 720-724
813. Kravchenko, E. V., Gómez, J. L., Kovalev, Y. Y., Lobanov, A. P. Savolainen, T., Bruni, G., Fuentes, A., Anderson, J. M., Jorstad, S. G., Marscher, A. P., Tornikoski, M., Lähteenmäki, A., Lisakov, M. M., Probing the innermost regions of AGN jets and their magnetic fields with RadioAstron. III. Blazar S5 0716+71 at microarcsecond resolution, 2020, *ApJ*, **893**, art. id. 68
814. Pei, Zh., Fan, J., Yang, J., Bastieri, D., The estimation of $\gamma\gamma$ -ray Doppler factor for Fermi/LAT-detected blazars, 2020, *PASA*, **37**, e043
815. Liu, X.-L., Yuan, Y.-H., Huang, H.-R., Optical monitoring and IDV analysis of the blazars S5 0716+714 and 3C 273, 2021, *RAA*, **21**, art. id. 102
816. Dai, Y., Fang, Y., Zhang, X., Meng, N., Wu, J., Zhu, Z.-H., Intra-day multi-band optical variability of BL Lacertae object S5 0716+714, 2021, *MNRAS*, **507**, 455–465
817. Pei, Z., Fan, J., Yang, J., Huang, D., Li, Z., The Estimation of Fundamental Physics Parameters for Fermi-LAT Blazars, 2022, *ApJ*, **925**, art. id. 97
818. Li, X.-P., Yang, H.-Y., Cai, Y., Lähteenmäki, A., Tornikoski, M., Tammi, J., Suutarinen, S., Yang, H.-T., Luo, Y.-H., Wang, L.-S., Radio and γ -Ray Variability in Blazar S5 0716+714: A Year-like Quasi-periodic Oscillation in the Radio Light Curve, 2023, *ApJ*, **943**, art. id. 157
819. Li, X.-P., Yang, H.-Y., Cai, Y., Song, X.-F., Yang, H.-T., Shan, Y.-Q., A Quasi-periodic Oscillation of 4.6 yr in the Radio Light Curves of Blazar PKS 0607-157, 2023, *RAA*, **23**, id.095010
820. Cao, G., Geng, X., Wang, J., Yang, X., Progress in multi-messenger observations and emission models of blazars, 2024, *New Astronomy Reviews*, **98**, id. 101693
- Gaur, H., Gupta, A. C., Strigachev, A., Bachev, R., Semkov, E., Wiita, P. J., Peneva, S., Boeva, S., Slavcheva-Mihova, L., Mihov, B., Latev, G., Pandey, U. S., Optical Flux and Spectral Variability of Blazars, 2012, *MNRAS*, **425**, 3002
821. Cheng, X.-L.; Zhang, Y.-H.; Xu, L., Optical observations of BL Lac object ON 231 (W Comae) during 2010 March-April, 2013, *MNRAS*, **429**, 2773
822. Hu, S. M., Chen, X.; Guo, D. F.; Jiang, Y. G.; Li, K., Quasi-simultaneous multicolour optical variability of S5 0716+714, 2014, *MNRAS*, **443**, 2940
823. Chen, X., Hu, S. M., Guo, D. F.; Du, J. J., Optical variability of Mrk 421, 2014, *Ap&SS*, **349**, 909
824. Stefan Rügamer, Multi-Wavelength Observations of the high-peaked BL Lacertae objects 1ES 1011+496 and 1ES 2344+514, 2013, PhD thesis, Julius-Maximilians-Universität, Würzburg, Germany
825. Zhou, Y., Yan, D.-H., Dai, B.-Z., The optical variability properties of flat spectrum radio quasar 3C 454.3, 2015, *NewA*, **36**, 19

826. Guo, Y. C.; Hu, S. M.; Xu, C.; Liu, C. Y.; Chen, X.; Guo, D. F.; Meng, F. Y.; Xu, M. T.; Xu, J. Q., Long-term optical and radio variability of BL Lacertae, 2015, *NewA*, **36**, 9
827. Li, X.; Zhang, L.; Luo, Y., Wang, L., Zhou, L., Colour variation of the BL Lacertae object PKS 0537-441, 2015, *MNRAS*, **449**, 2750
828. Dai, B.-Z, Zeng, W., Jiang, Z.-J., Fan, Z.-H., Hu, W., Zhang, P.-F., Yang, Q.-Y., Yan, D.-H., Wang, D., Zhang, L., Long-term Multi-band Photometric Monitoring of Blazar S5 0716+714, 2015, *ApJS*, **218**, art. id. 18
829. Zhang, B.-K., Zhou, X.-S., Zhao, X.-Y., Dai, B.-Z., Long-term optical-infrared color variability of blazars, 2015, *RAA*, **15**, 1784
830. Klindt, L., van Soelen, B., Meintjes, P. J., de Witt, A., Optical and radio variability of unclassified Active Galactic Nuclei in the Fermei-2LAC catalogue, 2015, Proceedings of the 3rd Annual Conference on High Energy Astrophysics in Southern Africa. 18-20 June 2015. University of Johannesburg, Auckland Park, South Africa. id.8
831. Jermak, H. E., Steele, I. A., Smith, R. J., MOPTOP: a multi-colour optimised optical polarimeter, 2016, Proceedings of SPIE Vol. 9908, 99084I
832. Mao, L., Zhang, X., Long-term optical variability properties of blazars in the SDSS Stripe 2016, *A&SS*, **361**, art. 345
833. Fan, J. H., Kurtanidze, O., Liu, Y., Liu, X., Yang, J. H., Richter, G. M., Nikolashvili, M. G., Kurtanidze, S. O., Wang, H. T., Sasada, M., Zhou, A. Y., Lin, C., Yuan, Y. H., Zhang, Y. T., Constantin, D., The Variability and Period Analysis for the BL Lac AO 0235+164, 2017, *ApJ*, **837**, art. id. 45
834. Fan, J.-H., Zhang, Y.-T., Liu, Y., Hiao, H.-B., The progress on the variability and beaming effects of Blazars, 2017, *Journal of Guangzhou University (Natural Science Edition)*, **16(2)**, 1-8
835. Isler, J. C., Urry, C. M., Coppi, P., Bailyn, C., Brady, M., MacPherson, E., Buxton, M., Hasan, I., A Consolidated Framework of the Color Variability in Blazars: Long-Term Optical/Near-Infrared Observations of 3C 279, 2017, *ApJ*, **844**, art. id. 107
836. Guo, Q., Xiong, D.-R., Bai, J.-M., Fan, X.-.,L Yi, W.-M., Optical multi-color monitoring of OJ 287 from 2006 to 2012, 2017, *RAA*, **17**, id. 82
837. Uemura, M., Itoh, R., Liodakis, I., Blinov, D., Nakayama, M., Xu, L., Sawada, N., Wu, H.-Y., Fujishiro, I., Optical polarization variations in the blazar PKS 1749+096, 2017, *PASJ*, **69**, art. id. 96
838. Bhatta, G., Webb, J. R., Microvariability in BL Lac: Zooming into the Innermost Blazar Regions, 2018, *Galaxies*, **6(1)**, art. id. 2
839. Fan, J. H., Tao, J., Liu, Y., Yuan, Y. H., Sawangwit, U., Yang, J. H., Huang, Y., Zhang, Y. T., Zhang, J. Y., Zhang, L. X., Zhu, J. T., Optical Photometric Monitoring for 3C 66A during 1996–2009 and Its Periodicity Analysis, 2018, *AJ*, **155**, article id. 90
840. Li, X.-P., Wang, L.-S., Yang, C., Yang, H.-Y., Zhou, L., Xu, G.-Y., Shan, Y.-Q., Liu, J., Luo, Y.-H., Zhang, L., Multiband optical–IR variability of the blazar PKS 0537–441, 2018, *JA&A*, **39**, art. id. 30
841. Zhang, X., Wu, J., Meng, N., Intra-day optical multi-band quasi-simultaneous observation of BL Lacertae object S5 0716+714 from 2013 to 2016, 2018, *MNRAS*, **478**, 3513
842. Meng, N., Zhang, X., Wu, J., Ma, J., Zhou, X., Multi-color optical monitoring of ten blazars from 2005 to 2011, 2018, *ApJS*, **237**, art. id. 30
843. Li, X.-P., Luo, Y.-H., Yang, H.-T., Yang, H.-Y., Yang, C., Cai, Y., Long-term optical color behavior of a sample of blazars, 2018, *RAA*, **18**, art. id. 150
844. Mangalam, A., Polarization and QPOs from jets in black hole systems, 2018, *JAp&A*, **39**, art. id. 68
845. Zibecchi, L. C., Estudio del comportamiento del flujo óptico y de rayos X en blazares, 2018, Tesis Doctoral, Universidad Nacional de La Plata, Facultad de Ciencias Astronómicas y Geofísicas, Argentina

846. Sosa, M., Estudio observacional de la emisión óptica de blazares detectados a altas energías, 2019, Tesis Doctoral, Universidad Nacional de La Plata, Facultad de Ciencias Astronómicas y Geofísicas, Argentina
847. Zeng, W., Hu, W., Zhang, G.-M., Wen, T., Yang, S.-B., Geng, X.-F., Wu, X.-H., Zhou, X.-Z., Dai, B.-Z., Minute-scale Rapid Variability of Mrk 501 by Multi-Band, Photometric Monitoring from 2010 to 2017, 2019, *PASP*, **131**, art. id. 074102
848. Abrahamyan, H. V., Mickaelian, A. M., Paronyan, G. M., Mikayelyan, G. A., Optical variability of blazars, 2019, *AN*, **340**, 437
849. Anjum, A., Stalin, C. S., Rakshit, S., Gudennavar, S. B., Durgapal, A., Mid-Infrared variability of γ -ray emitting blazars, 2020, *MNRAS*, **494**, 764–774
850. Fan, J. H., Kurtanidze, S. O., Liu, Y., Kurtanidze, O. M., Nikolashvili, M. G., Liu, X., Zhang, L. X., Cai, J. T., Zhu, J. T., He, S. L., Yang, W. X., Yang, J. H., Gu, M. F., Luo, G. Y., Yuan, Y. H., Optical Photometry of the Quasar 3C 454.3 during the Period 2006-2018 and the Long-term Periodicity Analysis, 2021, *ApJ Supl. Ser.*, **253**, art. id. 10
851. Yuan, Y.-H., Fan, J.-H., Wu, H., Hao, J.-M., Huang, W.-R., Liu, X.-L., Huang, H.-R., Optical monitoring and intra-day variabilities of BL Lac Objects OJ 287, 2021, *RAA*, **21(6)**, art. id. 138
852. Hwang, S., Im, M., Taak, Y. C., Paek, I., Choi, Ch., Shin, S., Lee, S.-Y., Ji, T.-G., Pak, S., Lee, H.-I., Ahn, H., Han, J., Kim, Ch., Marshall, J., Johns-Krull, C. M., Gibson, C. A., Schmidt, L. Prochaska, T., Medium-band observation of the neutrino emitting blazar, TXS 0506+056, 2021, *ApJ*, **908**, art. id. 113
853. Peña-Herazo, H. A., Massaro, F., Gu, M., Paggi, A., Landoni, M., D'Abrusco, R., Ricci, F., Masetti, N., Chavushyan, V., An optical overview of blazars with LAMOST I: Hunting changing-look blazars and new redshift estimates, 2021, *AJ*, **161**, art. id. 196
854. Dai, Y., Fang, Y., Zhang, X., Meng, N., Wu, J., Zhu, Z.-H., Intra-day multi-band optical variability of BL Lacertae object S5 0716+714, 2021, *MNRAS*, **507**, 455–465
855. Peña-Herazo, H. A., Paggi, A., García-Pérez, A., Amaya-Almazán, R. A., Massaro, F., Ricci, F., Chavushyan, V., Marchesini, E. J., Masetti, N., Landoni, M., Optical Spectroscopic Observations of Gamma-ray Blazar Candidates. XI. Optical Observations from SOAR, Blanco, NTT and OAN-SPM. The Story So Far, 2021, *AJ*, 162, art. id. 177
856. Zaharieva, E., Ovcharov, E., Minev, M., Bozhilov, V., Valcheva A., Photometric Study of the Blazar OJ 287, 2021, *Bulg. J. Phys.*, **48(3)**, 276-286
857. Rajput, B., Pandey, A., γ -ray Flux and Spectral Variability of Blazar Ton 599 during Its 2021 Flare, 2021, *Galaxies*, **9(4)**, art. id. 118
858. Paronyan, G. M., Mickaelian, A. M., Abrahamyan, H. V., Mikayelyan, G. A., Sukiasyan, A. G., Study of the X-ray properties of blazars, based on BZCAT catalogue, 2021, *ComBAO*, **68(2)**, 528-533
859. Zhang, B.-K., Zhao, X.-Y., Wu, Q., Optical Spectral Variations of a Large Sample of Fermi Blazars, 2022, *ApJ Supp. Ser.*, **259**, art. id 49
860. Fang, Y., Chen, Q., Zhang, Y., Wu, J., Multi-wavelength Variation Phenomena of PKS 0735+178 on Diverse Timescale, 2022, *ApJ*, **933**, art. id. 224
861. Mishra, H. D., AGN and their Environment: A Multi-Wavelength Photometric and Spectroscopic Study of AGN and Galaxy Clusters, and the Co-evolution of AGN and the Large Scale Structures, 2022, PhD Dissertation, University of Oklahoma, Norman, Oklahoma, USA
862. Rajput, B., Pandey, A., Stalin, C. S., Mathew, B., Study of correlation between optical flux and polarization variations in BL Lac objects, 2022, *MNRAS*, **517**, 3236–3256
863. Zhou, M., Gu, M., Liao, M., Anjum, M. S., X-ray emission of radio-loud quasar SDSS J121426.52+140258.9: independent variations between optical/UV and X-ray emission, 2023, *MNRAS*, **519**, 909–921
864. Vlasjuk, V. V., Sotnikova, Yu. V., Volvach, A. E. et al., Optical and Radio Variability of the Blazar S4 0954+658, 2024, *Astrophysical Bulletin*, 78, N4, 487–511

865. Wang, C.-Z., Jiang, Y.-G., Revealing the Variation Mechanism of ON 231 via the Two-component Shock-in-jet Model, 2024, *ApJ*, **966**, art. id. 65

Bachev, R.; Spassov, B.; Ibryamov, S.; Boeva, S.; Stoyanov, K.; Semkov, E.; Peneva, S.; Strigachev, A., No evidence for enhanced optical emission from BL Lacertae, 2012, *ATel*, **4568**, 1

866. Mingaliev, M., Trushkin, S., Sotnikova, J., Erkenov, A., Mufakharov, T., RATAN-600 multi-frequency measurements of the gamma-ray blazar BL Lacertae, 2012, *ATel*, **4600**, 1

Semkov, E. H., Peneva, S. P., VRcIc optical light curves of V1647 Ori during the continuing second outburst, 2012, *IBVS*, **6025**, 1

867. Venkata Raman, V., Anandarao, B. G., Janardhan, P., Pandey, R., Near-Infrared Monitoring and Modelling of V1647 Ori in its On-going 2008-12 Outburst Phase, 2013, *RAA*, **13**, 1107

868. Gramajo, L. V., Rodon, J. A., Gomez, M., SED analysis of class I and class II FU Orionis stars, 2014, *AJ*, **147**, id. 140

869. Hodapp, K. W., Denneau, L., Tucker, M., Shappee, B. J., Huber, M. E., Payne, A. V., Do, A., Lin, Ch.-Ch., Connelley, M. S., Varricatt, W. P., Tonry, J., Chambers, K., Magnier, E., The Outburst of the Young Star Gaia19bey, 2020, *AJ*, **160**, art. id. 164

Semkov, E., Bachev, R., Strigachev, A., Ibryamov, S., Peneva, S., Gupta, A. C., Recent optical activity of Mrk 421, 2013, *ATel*, **4982**, 1

870. Liu, X., Lin, M.-Q., Liu, J., Krichbaum, T. P., Fuhrmann, L., Marchili, N., A weak intraday variability detected in blazar Mrk 421, 2013, *ATel*, **5021**, 1

871. Pian, E.; Türler, M.; Fiacchi, M.; Boissay, R.; Bazzano, A.; Foschini, L.; Tavecchio, F.; Bianchin, V.; Castignani, G.; Ferrigno, C.; Raiteri, C. M.; Villata, M.; Beckmann, V.; D'Ammando, F.; Hudec, R.; Malaguti, G.; Maraschi, L.; Pursimo, T.; Romano, P.; Soldi, S.; Stamerra, A.; Treves, A.; Ubertini, P.; Vercellone, S.; Walter, R., An active state of the BL Lacertae object Markarian 421 detected by INTEGRAL in April 2013, 2014, *A&A*, **570**, A77

872. Lin, Ming-quan, Radio-optical Intraday Variability Observation and Study of AGN, 2014, Dissertation for the degree of M. D. of Astrophysics, University of Chinese Academy of Sciences, China

873. Boissay, R., X-ray emission mechanisms in active galactic nuclei, 2016, Thèse de doctorat, Univ. Genève, Département d'astronomie, no. Sc. 4957

874. Balenderan, Sh., On the Connection between the Gamma-ray and (Sub-)mm Emission in Active Galactic Nuclei, 2016, PhD thesis, Department of Physics, Durham University, UK

875. Fraija, N., Benítez, E., Hiriart, D., Sorcia, M., López, J. M., Mújica, R., Cabrera, J. I., de Diego, J. A., Rojas-Luis, M., Salazar-Vázquez, F., Galván-Gómez, A., Long-term optical polarization variability and multiwavelength analysis of Blazar Mrk 421, 2017, *ApJ Sup. Ser.*, **232**, art. id. 7

876. Fraija, N., Aguilar-Ruiz, E., Galván, A., Onsurbe, J. A. D., Dainotti, M. G., The unprecedented flaring activities around Mrk 421 in 2012 and 2013: The test for neutrino and UHECR event connection, 2023, *High Energy Astrophysics*, **40**, 55-67

Semkov, E. H., Peneva, S. P., Munari, U., Dennefeld, M., Mito, H., Dimitrov, D. P., Ibryamov, S., Stoyanov, K. A., Photometric and spectroscopic variability of the FUor star V582 Aurigae, 2013, *A&A*, **556**, A60

877. Audard, M., Abraham, P., Dunham, M. M., Green, J. D., Grosso, N., Hamaguchi, K., Kastner, J. H., Kóspál, Á., Lodato, G., Romanova, M., Skinner, S. L., Vorobyov, E. I., Zhu, Z., Episodic Accretion in Young Stars, 2014, *Protostars and Planets VI*, University of Arizona Press, eds. H. Beuther, et al., 387

878. Ninan, J. P., Ojha, D. K., Baug, T., Bhatt, B. C., Mohan, V., Ghosh, S. K., Men'shchikov, A., Anupama, G. C., Tamura, M., Henning, Th., V899 Mon: An Outbursting Protostar with Peculiar Light Curve And Its Transition Phases, 2015, *ApJ*, **815**, art. id. 4
879. Brunngräber, R., Wolf, S., Ratzka, Th., Ober, F., DR Tau: Temporal variability of the brightness distribution in the potential planet-forming region, 2016, *A&A*, **585**, A100
880. Oh, H.-I., Yoony, T. S., Sung, H.-I., Near-Ir Photometric and Optical Spectroscopic Study of the FU Orionis Object V582 Aurigae, 2015, *PKAS*, **30**, 269
881. Sergison, D. J., Untangling the signals: Investigating accretion and photometric variability in young stars. An observational analysis, 2015, PhD thesis, University of Exeter, Exeter, Devon, UK
882. Ninan, J. P., Episodic Accretion and Outflows in Young Stellar Objects & Near Infrared Instrumentation, 2016, PhD thesis, Tata Institute of Fundamental Research, Mumbai, India
883. Kun, M., Szegedi-Elek, E., Reipurth, B., The star formation environment of V582 Aur, 2017, *MNRAS*, **468**, 2325
884. Ábrahám, P., Kóspál, Á., Kun, M., Fehér, O., Zsidi, G., Acosta-Pulido, J. A., Carnerero, M. I., García-Álvarez, D., Moór, A., Cseh, B., Hajdu, G., Hanyecz, O., Kelemen, J., Kriskovics, L., Marton, G., Mező, Gy., Molnár, L., Ordasi, A., Rodríguez-Coira, G., Sárnecky, K., Sódor, Á., Szakáts, R., Szegedi-Elek, E., Szing, A.; Farkas-Takács, A., Vida, K., Vinkó, J., An UXor among FUors: Extinction-related Brightness Variations of the Young Eruptive Star V582 Aur, 2018, *ApJ*, **853**, art. id. 28
885. Connelley, M., Reipurth, B., A Near-infrared Spectroscopic Survey of FU Orionis Objects, 2018, *ApJ*, **861**, art. id. 145
886. Brunngräber, R., Beobachtbarkeit von ausgewählten Strukturen und Staubeigenschaften zirkumstellarer Scheiben in verschiedenen Entwicklungsstadien, 2018, Dissertation zur Erlangung des akademischen Grades Doktor der Naturwissenschaften, Vorgelegt der Mathematisch-Naturwissenschaftlichen Fakultät der Christian-Albrechts-Universität zu Kiel, Germany
887. Hillenbrand, L. A., Contreras Peña, C., Morrell, S., Naylor, T., Kuhn, M. A., Cutri, R. M., Rebull, L. M., Hodgkin, S., Froebrich, D., Mainzer, A. K., Gaia 17bpi: An FU Ori Type Outburst, 2018, *ApJ*, **869**, art. id. 146
888. Zsidi, G., Ábrahám, P., Acosta-Pulido, J. A., Kóspál, Á., Kun, M., Szabó, Zs. M., Bódi, A., Cseh, B., Castro Segura, N., Hanyecz, O., Ignác, B., Kalup, Cs., Kriskovics, L., Mészáros, L., Ordasi, A., Pál, A., Sárnecky, K., Seli, B., Sódor, Á., Szakáts, R., The weakening outburst of the young eruptive star V582 Aur, 2019, *ApJ*, **873**, art. id. 130
889. Ábrahám, P., Kóspál, Á., Kun, M., Fehér, O., Zsidi, G., Acosta-Pulido, J. A., An UXor among FUors: extinction-related brightness variations of the young eruptive star V582 Aur, 2020, *Proceedings of IAU*, **345**, 390-392
890. Kóspál, Á., Ábrahám, P., Carmona, A., Chen, L., Green, J. D., van Boekel, R., White, J. A., Grain growth in newly discovered young eruptive stars, 2020, *ApJ Lett.*, **895**, L48
891. Hales, A. S., Pérez, S., Gonzalez, C., Cieza, L. A., Williams, J. P., Sheehan, P. D., López, C., Casassus, S., Principe, D. A., Zurlo, A., ALMA Observations of Young Eruptive Stars: Continuum Disk Sizes and Molecular Outflows, 2020, *ApJ*, **900**, art. id. 7
892. Carvalho, A. S., Hillenbrand, L. A., Measuring Optical Extinction Towards Young Stellar Objects Using Diffuse Interstellar Bands, 2022, *ApJ*, **940**, art. id. 156
893. Zsidi, G., Accretion variability in low-mass young stellar objects, 2022, PhD thesis, Eötvös Loránd University, Budapest, Hungary
894. Lucas, P. W., Smith, L. C., Guo, Z., Contreras Peña, C., Minniti, D., Miller, N., Alonso-García, J., Catelan, M., Borissova, J., Saito, R. K., Kurtev, R., Navarro, M. G., Morris, C., Muthu, H., Froebrich, D., Ivanov, V. D., Bayo, A., Caratti o Garatti, A., Sanders, J. L., The most variable VVV sources: eruptive protostars, dipping giants in the nuclear disc and others, 2024, *MNRAS*, **528**, 1789-1822
895. Mutafov, A., Eclipse Variables of UX Ori Type, 2024, *BlgAJ*, 41, accepted

- Raiteri, C. M.; Villata, M.; D'Ammando, F.; Larionov, V. M.; Gurwell, M. A.; Mirzaqulov, D. O.; Smith, P. S.; Acosta-Pulido, J. A.; Agudo, I.; Arévalo, M. J.; Bachev, R.; Benítez, E.; Berdyugin, A.; Blinov, D. A.; Borman, G. A.; Böttcher, M.; Bozhilov, V.; Carnerero, M. I.; Carosati, D.; Casadio, C.; Chen, W. P.; Doroshenko, V. T.; Efimov, Yu. S.; Efimova, N. V.; Ehgamberdiev, Sh. A.; Gómez, J. L.; González-Morales, P. A.; Hiriart, D.; Ibryamov, S.; Jadhav, Y.; Jorstad, S. G.; Joshi, M.; Kadenius, V.; Klimanov, S. A.; Kohli, M.; Konstantinova, T. S.; Kopatskaya, E. N.; Koptelova, E.; Kimeridze, G.; Kurtanidze, O. M.; Larionova, E. G.; Larionova, L. V.; Ligustri, R.; Lindfors, E.; Marscher, A. P.; McBreen, B.; McHardy, I. M.; Metodieva, Y.; Molina, S. N.; Morozova, D. A.; Nazarov, S. V.; Nikolashvili, M. G.; Nilsson, K.; Okhmat, D. N.; Ovcharov, E.; Panwar, N.; Pasanen, M.; Peneva, S.; Phipps, J.; Pulatova, N. G.; Reinthal, R.; Ros, J. A.; Sadun, A. C.; Schwartz, R. D.; Semkov, E.; Sergeev, S. G.; Sigua, L. A.; Sillanpää, A.; Smith, N.; Stoyanov, K.; Strigachev, A.; Takalo, L. O.; Taylor, B.; Thum, C.; Troitsky, I. S.; Valcheva, A.; Wehrle, A. E.; Wiesemeyer, H., The awakening of BL Lacertae: observations by Fermi, Swift, and the GASP-WEBT, 2013, *MNRAS*, **436**, 1530
896. Falomo, R., Pian, E., Treves, A., An optical view of BL Lacertae objects, 2014, *A&ARv*, **22**, 73
897. Fuhrmann, L.; Larsson, S.; Chiang, J.; Angelakis, E.; Zensus, J. A.; Nestoras, I.; Krichbaum, T. P.; Ungerechts, H.; Sievers, A.; Pavlidou, V.; Readhead, A. C. S.; Max-Moerbeck, W.; Pearson, T. J., Detection of significant cm to sub-mm band radio and γ -ray correlated variability in Fermi bright blazars, 2014, *MNRAS*, **441**, 1899
898. Gaur, H., Gupta, A. C., Wiita, P. J., Uemura, M., Itoh, R., Sasada, M., Anti-correlated Optical Flux and Polarization Variability in BL Lac, 2014, *ApJ*, **781**, L4
899. Wierzcholska, A., Ostrowski, M., Stawarz, Ł., Wagner, S., Hauser, M., Longterm optical monitoring of bright BL Lacertae objects with ATOM: Spectral variability and multiwavelength correlations, 2015, *A&A*, **573**, A69
900. Cohen, M. H.; Meier, D. L.; Arshakian, T. G.; Clausen-Brown, E.; Homan, D. C.; Hovatta, T.; Kovalev, Y. Y.; Lister, M. L.; Pushkarev, A. B.; Richards, J. L.; Savolainen, T., Studies of the Jet in BL Lacertae. II. Superluminal Alfvén Waves, 2015, *ApJ*, **803**, art. id. 3
901. Agarwal, A., Gupta, A. C., Multiband optical variability studies of BL Lacertae, 2015, *MNRAS*, **450**, 541
902. Liu, J., Liu, X., Rapid variability of BL Lac 0925+504: interstellar scintillation induced? 2015, *Ap&SS*, **357**, 165
903. Lico, R., Non-thermal emission in High Frequency Peaked blazars towards the Square Kilometer Array era, 2015, Dottorato di ricerca in Astronomia, Università di Bologna, Italia
904. Massaro, F., Thompson, D. J., Ferrara, E. C., The Extragalactic Gamma-ray Sky in the Fermi era, 2016, *Astronomy and Astrophysics Review*, **24**, art. num. 2, pp. 58
905. Guo, Y. C., Hu, S. M., Li, Y. T., Chen, X., Statistical Analysis on Temporal Properties of BL Lacertae, 2016, *MNRAS*, **460**, 1790-1800
906. Gupta, A. C., Kalita, N., Gaur, H., Duorah, K., Peak of spectral energy distribution play an important role in intra-day variability of Blazars?, 2016, *MNRAS*, **462**, 1508
907. Meng, N., Wu, J., Webb, J. R.; Zhang, X., Dai, Y., Intraday optical variability of BL Lacertae, 2017, *MNRAS*, **469**, 3588
908. Titarchuk, L., Seifina, E., BL Lacertae: X-ray spectral evolution and a black-hole mass estimate, 2017, *A&A*, **602**, id. A113
909. Bhatta, G., Mohorian, M., Bilinsky, I., Hard X-ray properties of NuSTAR blazars, 2018, *A&A*, **619**, A93
910. Kim, D.-W., Trippe, S., Lee, S.-S., Park, J.-H., Kim, J.-Y., Algaba, J.-C., Hodgson, J. A., Kino, M., Zhao, G.-Y., Wajima, K., Kang, S., Oh, J., Lee, T., Byun, D.-Y., Kim, S.-W., Kim, J.-S., The Millimeter-Radio Emission of BL Lacertae During Two gamma-ray Outbursts, 2017, *JKAS*, **50**, 167
911. Bhatta, G., Webb, J. R., Microvariability in BL Lac: Zooming into the Innermost Blazar Regions, 2018, *Galaxies*, **6(1)**, art. id. 2

912. Li, X., Mohan, P., An, T., Hong, X., Cheng, X., Yang, J., Zhang, Y., Zhang, Zh., Zhao, W., Imaging and variability studies of CTA~102 during the 2016 January γ -ray flare, 2018, *ApJ*, **854**, art. id. 17
913. Piano, G., Munar-Adrover, P., Pacciani, L., Romano, P., Vercellone, S., Donnarumma, I., Verrecchia, F., Carrasco, L., Porras, A., Recillas, E., Tavani, M., The mid-2016 flaring activity of the flat spectrum radio quasar PKS 2023-07, 2018, *A&A*, **616**, art. id. A65
914. Kapanadze, B., Vercellone, S., Romano, P., Hughes, P., Aller, M., Aller, H., Kapanadze, S., Tabagari, L., Strong X-ray flaring activity of the BL Lacertae source OJ 287 in 2016 October–2017 April, 2018, *MNRAS*, **480**, 407-430
915. Meng, N., Zhang, X., Wu, J., Ma, J., Zhou, X., Multi-color optical monitoring of ten blazars from 2005 to 2011, 2018, *ApJS*, 237, art. id. 30
916. Mangalam, A., Polarization and QPOs from jets in black hole systems, 2018, *JAp&A*, **39**, art. id. 68
917. González Pérez, J. N., Systematic study of the rapid optical-NIR variability of blazars and other AGNs, 2018, PhD Dissertation, Department Physik, Universität Hamburg, Gemany
918. Rani, B., Radio galaxies - the TeV challenge, 2019, *Galaxies*, **7(1)**, id. 23
919. Shablovinskaya, E. S., Afanasiev, V. L., The intraday variations of the polarization vector direction in radio source S5 0716+714, 2019, *MNRAS*, **482**, 4322
920. Prince, R., Multi-frequency variability study of Ton 599 during high activity of 2017, 2019, *ApJ*, **871**, art. id. 101
921. Ding, N., Gu, Q. S., Geng, X. F., Xiong, D.-R., Xue, R., Wang, X. Y., Guo, X. T., Exploring the origin of multiwavelength activities of high-redshift FSRQ PKS 1502+106 during 2014-2018, 2019, *ApJ*, **881**, art. id. 125
922. Shao, X., Jiang, Y., Chen, X., Curvature-induced Polarization and Spectral Index Behavior for PKS 1502+106, 2019, *ApJ*, **884**, art. id. 15
923. Sarkar, A., Chitnis, V. R., Gupta, A. C., Gaur, H., Patel, S. R., Wiita, P. J., Volvach, A. E., Tornikoski, M., Chamani, W., Enestam, S., Lähteenmäki, A., Tammi, J., Vera, R. J. C., Volvach, L. N., Long term variability and correlation study of the blazar 3C 454.3 in radio, NIR and optical wavebands, 2019, *ApJ*, **887**, art. id. 186
924. Morris, P. J., Variability in Gamma-ray Sources, 2019, PhD thesis, University of Oxford, UK
925. Kapanadze, B., BL Lacertae Objects: A Short Review, 2019, *Communications of BAO*, **66**, 121-142
926. Titarchuk, L., Seifina, E., Chekhtma, A., Ocampo, I., Spectral index-mass accretion rate correlation and evaluation of black hole masses in AGNs 3C 454.3 and M87, 2020, *A&A*, **633**, A73
927. Prince, R., Broadband variability and correlation study of 3C 279 during flare of 2017-2018, 2020, *ApJ*, **890**, art. id. 164
928. Petropoulou, M., Murase, K., Santander, M., Buson, S., Tohuvavohu, A., Kawamuro, T., Vasilopoulos, G., Negoro, H., Ueda, Y., Siegel, M. H., Keivani, A., Kawai, N., Mastichiadis, A., Dimitrakoudis, S., Multi-Epoch Modeling of TXS 0506+056 and Implications for Long-Term High-Energy Neutrino Emission, 2020, *ApJ*, **891**, art. id. 115
929. Aller, M., Hughes, P., Aller, H., Hovatta, T., Diagnosing Magnetic Field Geometry in Blazar Jets Using Multi-Frequency, Centimeter-Band Polarimetry and Radiative Transfer Modeling, 2020, *Galaxies*, **8(1)**, art. id. 22
930. Cohen, M. H., Savolainen, T., 180° Rotations in the Polarization Angle for Blazars, 2020, *A&A*, **636**, A79
931. Arshakian, T. G., Pushkarev, A. B., Lister, M. L., Cohen, M. H., Savolainen, T., Studies of stationary features in jets: BL Lacertae. I. Dynamics and brightness asymmetry on sub-parsec scales, 2020, *A&A*, **640**, A62
932. Tarnopolski, M., Żywucka, N., Marchenko, V., Pascual-Granado, J., A Comprehensive Power Spectral Density Analysis of Astronomical Time Series I: The Fermi-LAT Gamma-Ray Light Curves of Selected Blazars, 2020, *ApJS*, **250**, art. id. 1

933. Fernandes, S., Patiño-Álvarez, V. M., Chavushyan, V., Schlegel, E. M., Ramón Valdés, J., Multiwavelength Analysis of the Variability of the Blazar 3C 273, 2020, *MNRAS*, **497**, 2066–2077
934. Wang, Y.-F., Jiang, Y.-G., A comprehensive study on the variation phenomena of AO 0235+164, 2020, *ApJ*, **902**, art. id. 41
935. Prince, Raj, Multi-wavelength Data Analysis and Theoretical Modeling of Blazar Flares, Ph.D. Thesis, 2020, Jawaharlal Nehru University, New Delhi, India
936. Yang, S., Yan, D., Zhang, P., Dai, B., Zhang, L., Gaussian Process Modeling Fermi-LAT γ -ray Blazar Variability: A Sample of Blazars with γ -ray Quasi-periodicities, 2021, *ApJ*, **907**, art. id. 105
937. Wang, Y.-F., Jiang, Y.-G., Interpreting the variation phenomena of B2 1633+382 via the two-component model, 2021, *MNRAS*, **504**, 2509–2516
938. Kang, S., Lee, S. -S., Hodgson, J., Algaba, J. -C., Lee, J. W., Kim, J. -Y., Park, J., Kino, M., Kim, D., Trippe, S., Interferometric Monitoring of Gamma-ray Bright AGNs: Measuring the Magnetic Field Strength of 4C +29.45, 2021, *A&A*, **651**, A74
939. Mondal, S. K., Prince, R., Gupta, N., Das, A. K., Spectral Modeling of Flares in Long Term Gamma-Ray Light Curve of PKS 0903-57, 2021, *ApJ*, **922**, art. id. 160
940. Prince, R., Broadband study of BL Lac during flare of 2020: Spectral evolution and emergence of HBL component, 2021, *MNRAS*, **507**, 5602–5612
941. Prince, R., Raman, G., Khatoon, R., Agarwal, A., Varun, Gupta, N., Czerny, B., Majumdar, P., A comprehensive study of the 2019-2020 flare of OJ 287 in X-ray window using Swift, XMM-Newton, NuSTAR, and AstroSat, 2021, *MNRAS*, **508**, 315–325
942. Zhang, H., Yan, D., Zhang, P., Yang, Sh., Zhang, L., A Quasi-periodic Oscillation in the gamma-ray Emission from the Non-blazar Active Galactic Nucleus PKS 0521-36, 2021, *ApJ*, **919**, art. id. 58
943. Fang, Y., Zhang, Y., Chen, Q., Wu, J., Intraday Optical Multiband Observation of BL Lacertae, 2022, *ApJ*, **926**, art. id. 91
944. Sahakyan, N., Giommi, P., A 13-yr-long broad-band view of BL Lac, 2022, *MNRAS*, **513**, 4645–4656
945. Zahoor, M., Zahir, S., Sahayanathan, S., Iqbal, N., Manzoor, A., Multi-wavelength study of blazar 4C +01.02 during its long-term flaring activity in 2014-2017, 2022, *MNRAS*, **514**, 4259–4269
946. Zhang, P., Wang, Z., Polarized Optical Emission of the Blazar PKS 1222+216: Discovery of a 420 day Quasiperiodic Signal, 2022, *ApJ*, **934**, art. id. 3
947. Rajput, B., Pandey, A., Stalin, C. S., Mathew, B., Study of correlation between optical flux and polarization variations in BL Lac objects, 2022, *MNRAS*, **517**, 3236–3256
948. Reddy Pininti, V., Bhatta, G., Paul, S., Kumar, A., Rajgor, A., Barnwal, R., Gharat, S., Exploring Short-Term Optical Variability of Blazars Using TESS, 2023, *MNRAS*, **518**, 1459–1471
949. Reddy Kamaram, S., Pramanick, S., Prince, R., Bose, D., Multi-frequency Variability Study of Flat-Spectrum Radio Quasar PKS 0346-27, 2023, *MNRAS*, **520**, 2024–2038
950. Agarwal, S., Banerjee, B., Shukla, A., Roy, J., Acharya, S., Vaidya, B., Chitnis, V. R., Wagner, S. M., Mannheim, K., Branchesi, M., Flaring activity from magnetic reconnection in BL Lacertae, 2023, *MNRAS Lett.*, **521**, L53–L58
951. Agarwal, A., Mihov, B., Agrawal, V., Zola, S., Ozdonmez, A., Ege, E., Slavcheva-Mihova, L., Reichart, D. E., Caton, D. B., Das, A. K., Analysis of the intra-night variability of BL Lacertae during its August 2020 flare, 2023, *ApJ Suppl.*, **265**, art. id. 51
952. Xu, J., Hu, S., Chen, X., Jiang, Y., Alexeeva, S., A small scale structure model of jet based on the observation of microvariability, 2023, *ApJ Suppl.*, **268**, art. id. 54
953. Ugol'kova, L. S., Pshirkov, M. S., Goranskij, V. P., Ikonnikova, N. P., Safonov, B. S., Tatarnikov, A. M., Shimanovskaya, E. V., Burlak, M. A., Afonina, M. D., Investigation of the Flaring Activity of BL Lac in July-November 2021, 2023, *Astron. Let.*, **49(5)**, 216–228

954. Yuan, Y. H., Du, G. J., Fan, J. H., Liu, Y., Yang, J. H., Ding, G. Z., Pei, Z. Y., Optical Monitoring and Intraday Variabilities of BL Lacertae, 2023, *ApJ Supp. Ser.*, **269**, art. id. 60
955. Peñil, P., Westernacher-Schneider, J. R., Ajello, M., Domínguez, A., Buson, S., Otero-Santos, J., Marcotulli, L., Torres-Albà, N., Zrake, J., Multiwavelength Analysis of Fermi-LAT Blazars with High-Significance Periodicity: Detection of a Long-Term Rising Emission in PG 1553+113, 2024, *MNRAS*, **527**, 10168–10184
956. Shah, Z., Multi-wavelength variability and broadband SED modeling of BL Lac during a bright flaring period MJD 59000-59943, 2024, *MNRAS*, **527**, 5140–5154
957. Dar, A. A., Sahayanathan, S., Shah, Z., Iqbal, N., Can FSRQ 3C 345 be a Very High Energy Blazar Candidate?, 2024, *MNRAS*, **527**, 10575–10583
958. Li, H.-Z., Guo, D.-F., Qin, L.-H., Yi, T.-F., Liu, F., Gao, Q.-G., Chang, X., The optical intra-day variability of BL laceratae object 2200 + 420, 2024, *MNRAS*, **528**, 6823-6835
959. Manzoor, A., Shah, Z., Sahayanathan, S., Iqbal, N., Dar, A. A., Broadband spectral and temporal study of Ton 599 during the brightest January 2023 flare, 2024, *MNRAS*, **529**, 1356–1364
- Bachev, R., Strigachev, A., Semkov, E., Boeva, S., Peneva, S., Ibryamov, S., Stoyanov, K., Spassov, B., Tsvetkova, S., Mihov, B., Latev, G., Dimitrov, D., Photometric reverberation mapping of Markarian 279, 2014, *BlgAJ*, **20**, 26
960. Ovcharov, E. P.; Kurtenkov, A.; Metodieva, Y.; Dimitrov, A.; Enikova, P.; Bozhilov, V.; Stanev, I.; Nikolov, P.; Nikolov, Y.; Markishki, P.; Gantchev, G.; Trifonov, T.; Nedialkov, P.; Stanchev, O., Plana Student Astronomical Observatory: First results and perspectives, 2014, *BlgAJ*, **21**, 19-23
961. Sluse, D., Tewes, M., Imprints of the quasar structure in time-delay light curves: Microlensing-aided reverberation mapping, 2014, *A&A*, **571**, A60
- Semkov, E., Peneva, S., Ibryamov, S., Dimitrov, D, The unusual photometric behavior of the new FUor star V2493 Cyg (HBC 722), 2014, *BlgAJ*, **20**, 50
962. Liebhart, A., Guedel, M., Skinner, S., Green, J., X-ray emission from an FU Ori star in early outburst: HBC 722, 2014, *A&A*, **570**, L11
963. Baek, G., Pak, S., Green, J. D., Meschiari, S., Lee, J.-E., Jeon, Y., Choi, C., Im, M., Sung, H.-I., Park, W.-K., Color Variability of HBC 722 in the Post-Outburst Phases, 2015, *AJ*, **149**, id. 73
964. Hackstein, M., Haas, M., Kóspál, Á., Hamsch, F.-J., Chini, R., Ábrahám, P., Moór, A., Pozo Nuñez, F., Ramolla, M., Westhues, Ch., Kaderhandt, L., Fein, Ch., Barr Domínguez, A., Hodapp, K.-W., Light curves of the latest FUor: Indication of a close binary, 2015, *A&A*, **582**, L12
965. Kóspál, Á.; Ábrahám, P.; Acosta-Pulido, J. A.; Dunham, M. M.; García-Álvarez, D.; Hogerheijde, M. R.; Kun, M.; Moór, A.; Farkas, A.; Hajdu, G.; Hodosán, G.; Kovács, T.; Kriskovics, L.; Marton, G.; Molnár, L.; Pál, A.; Sárneczky, K.; Sódor, Á.; Szakáts, R.; Szalai, T.; Szegedi-Elek, E.; Szing, A.; Tóth, I.; Vida, K.; Vinkó, J., Multi-wavelength study of the low-luminosity outbursting young star HBC 722, 2016, *A&A*, **596**, A52
966. Liu, H., Herczeg, G. J., Johnstone, D., Contreras-Peña, C., Lee, J.-E., Yang, H., Zhou, X., Yoon, S.-Y., Lee, H.-G., Kunitomo, M., Jose, J., Diagnosing FUor-like Sources: The Parameter Space of Viscously Heated Disks in the Optical and Near-IR, 2022, *ApJ*, **936**, art. id. 152
- Ibryamov, S., Semkov, E., Peneva, S., A long-term UBVRI photometric study of the pre-main sequence star V350 Cep, 2014, *RAA*, **14**, 1264
967. Dahm, S. E., Hillenbrand, L. A., An Optical Survey of the Partially Embedded Young Cluster in NGC 7129, 2015, *AJ*, **149**, id. 200
968. Jurdana-Šepić, R., Munari, U., Antonucci, S., Giannini, T., Lorenzetti, D., Towards a better classification of unclear eruptive variables: the cases of V2492 Cyg, V350 Cep, and ASASSN-15qi, 2018, *A&A*, **614**, A9

969. Froebrich, D., Campbell-White, J., Scholz, A., Eisloffel, J., Zegmott, T., Billington, S. J., Donohoe, J., Makin, S. V., Hibbert, R., Newport, R. J., Pickard, R., Quinn, N., Rodda, T., Piehler, G., Shelley, M., Parkinson, S., Wiersema, K., Walton, I., A survey for variable young stars with small telescopes: First results from HOYS-CAPS, 2018, *MNRAS*, **478**, 5091
970. Contreras Peña, C., Naylor, T., Morrell, S., Determining the recurrence timescale of long-lasting YSO outbursts, 2019, *MNRAS*, **486**, 4590–4611
971. Siwak, M., Drózdź, M., Gut, K., Winiarski, M., Ogłóza, W., Stachowski, G. Mount Suhora High Cadence Photometric Survey of T Tauri-Type Stars, 2019, *AcA*, **69**, 227-260
972. Andriasyan, H. R., Magakian, T. Y., Movsessian, T. A., Moiseev, A. V., PV CEP and V350 CEP: Stars on the Way between FUors and EXors, 2021, *Astrophysics*, **64**, 187-202
973. Andriasyan, H., The investigation of young eruptive stars, 2021, PhD thesis, Byurakan Astrophysical Observatory, Byurakan, Armenia
974. Fiorellino, E., Abraham, P., Kospal, A., et al., The Enigma of Gaia18cjb: a Rare Hybrid of FUor and EXor?, 2024, *A&A*, accepted
- Poljančič Beljan, I., Jurdana-Šepić, R., Semkov, E. H., Ibryamov, S., Peneva, S. P., Tsvetkov, M. K., Long-term photometric observations of pre-main sequence objects in the field of North America/Pelican Nebula, 2014, *A&A*, **568**, A49
975. Petrov, N., Kjurkchieva, D., Tsvetkov, T., Modern history of astronomy in Bulgaria, 2018, *Astronomical & Astrophysical Transactions*, **30** (4), 441-452
976. Bhardwaj, A., Panwar, N., Herczeg, G. J., Chen, W. P., Singh, H. P., Variability of young stellar objects in the star-forming region Pelican Nebula, 2019, *A&A*, **627**, A135
977. Siwak, M., Drózdź, M., Gut, K., Winiarski, M., Ogłóza, W., Stachowski, G. Mount Suhora High Cadence Photometric Survey of T Tauri-Type Stars, 2019, *AcA*, **69**, 227-260
978. Froebrich, D., Derezea, E., Scholz, A., et al., A survey for variable young stars with small telescopes: IV -- Rotation Periods of YSOs in IC5070, 2021, *MNRAS*, **506**, 5989–6000
979. Hillenbrand, L. A., Kiker, T. J., Gee, M., Lester, O., Braunfeld, N. L., Rebull, L. M., Kuhn, M. A., A ZTF Look at Optical Variability of Young Stellar Objects in the North America and Pelican Nebulae Complex, 2022, *AJ*, **163**, art. id. 263
980. Panwar, N., Jose, J., Rishi, C., Survey of H α emission-line stars in the star-forming region IC 5070, 2023, *Journal of Astrophysics & Astronomy*, **44**, art. num. 42
- Ibryamov, S. I., Semkov, E. H., Peneva, S. P., Long-term BVRI light curves of 5 pre-main sequence stars in the field of "Gulf of Mexico", 2015, *BulgAJ*, **22**, 3-14
981. Siwak, M., Drózdź, M., Gut, K., Winiarski, M., Ogłóza, W., Stachowski, G. Mount Suhora High Cadence Photometric Survey of T Tauri-Type Stars, 2019, *AcA*, **69**, 227-260
- Agarwal, A., Gupta, A. C., Bachev, R., Strigachev, A., Semkov, E., Wiita, P. J. Böttcher, M., Boeva, S., Gaur, H., Gu, M. F., Peneva, S., Ibryamov, S., Pandey, U. S., Multi-band optical-NIR variability of blazars on diverse timescales, 2015, *MNRAS*, **451**, 3882–3897
982. Mao, L., Zhang, X., Long-term optical variability properties of blazars in the SDSS Stripe, 2016, *Ap&SS*, **361**, art. 345
983. Fan, J. H., Kurtanidze, O., Liu, Y., Liu, X., Yang, J. H., Richter, G. M., Nikolashvili, M. G., Kurtanidze, S. O., Wang, H. T., Sasada, M., Zhou, A. Y., Lin, C., Yuan, Y. H., Zhang, Y. T., Constantin, D., The Variability and Period Analysis for the BL Lac AO 0235+164, 2017, *ApJ*, **837**, art. id. 45
984. Fan, J. H., Tao, J., Liu, Y., Yuan, Y. H., Sawangwit, U., Yang, J. H., Huang, Y., Zhang, Y. T., Zhang, J. Y., Zhang, L. X., Zhu, J. T., Optical Photometric Monitoring for 3C 66A during 1996–2009 and Its Periodicity Analysis, 2018, *AJ*, **155**, article id. 90
985. Li, X.-P., Wang, L.-S., Yang, C., Yang, H.-Y., Zhou, L., Xu, G.-Y., Shan, Y.-Q., Liu, J., Luo, Y.-H., Zhang, L., Multiband optical–IR variability of the blazar PKS 0537–441, 2018, *JA&A*, **39**, art. id. 30

986. Mao, L., Zhang, X., Yi, T., Mid-infrared variability of blazars: a view from NEOWISE survey, *Ap&SS*, **363**, art. 167
987. Meng, N., Zhang, X., Wu, J., Ma, J., Zhou, X., Multi-color optical monitoring of ten blazars from 2005 to 2011, 2018, *ApJS*, **237**, art. id. 30
988. González Pérez, J. N., Systematic study of the rapid optical-NIR variability of blazars and other AGNs, 2018, PhD Dissertation, Department Physik, Universität Hamburg, Gemany
989. Dai, Y., Fang, Y., Zhang, X., Meng, N., Wu, J., Zhu, Z.-H., Intra-day multi-band optical variability of BL Lacertae object S5 0716+714, 2021, *MNRAS*, **507**, 455–465
- Semkov, E., The new FUor candidate V960 Mon (2MASS J06593158-0405277) still retains at high brightness level, 2015, *ATel*, **8019**, 1
990. Hackstein, M., Haas, M., Kóspál, Á., Hamsch, F.-J., Chini, R., Ábrahám, P., Moór, A., Pozo Nuñez, F., Ramolla, M., Westhues, Ch., Kaderhandt, L., Fein, Ch., Barr Domínguez, A., Hodapp, K.-W., Light curves of the latest FUor: Indication of a close binary, 2015, *A&A*, **582**, L12
991. Varricatt, W. P., Kerr, T. H., Carroll, T., Moore, E., Thermal imaging of the FU Ori type object 2MASS J06593158-0405277 = V960 Mon, 2015, *ATel*, **8168**, 1
992. Takagi, Y., Honda, S., Arai, A., Morihana, K., Takahashi, J., Oasa, Y., Itoh, Y., The Spectroscopic Variations of the FU Orionis Object V960 Mon, 2018, *AJ*, **155**, art. id. 101
- Raiteri, C. M., Stamerra, A., Villata, M., Larionov, V. M., Acosta-Pulido, J. A., Arevalo M. J., Arkharov, A. A., Bachev, R., Benitez, E., Bozhilov, V. V., Borman, G. A., Buemi, C. S., Calcidese, P., Carnerero, M. I., Carosati, D., Chigladze, R. A., Damljanovic, G., Di Paola, A., Doroshenko, V. T., Efimova, N. V., Ehgamberdiev, Sh. A., Giroletti, M., Gonzalez-Morales, P. A., Grinon-Marin, A. B., Grishina, T. S., Hiriart, D., Ibryamov, S., Klimanov, S. A., Kopatskaya, E. N., Kurtanidze, O. M., Kurtanidze, S. O., Kurtenkov, A. A., Larionova, L. V., Larionova, E. G., Lazaro, C., Lahteenmaki, A., Leto, P., Markovic, G., Mirzaqulov, D. O., Mokrushina, A. A., Morozova, D. A., Mujica, R., Nazarov, S. V., Nikolashvili, M. G., Ohlert, J. M., Ovcharov, E. P., Paiano, S., Pastor Yabar, A., Prandini, E., Ramakrishnan, V., Sadun, A. C., Semkov, E., Sigua, L. A., Strigachev, A., Tammi, J., Tornikoski, M., Trigilio, C., Troitskaya, Yu. V., Troitsky, I. S., Umana, G., Velasco, S., Vince, O., The WEBT campaign on the BL Lac object PG 1553+113 in 2013. An analysis of the enigmatic synchrotron emission, 2015, *MNRAS*, **454**, 353
993. Mao, L., Zhang, X., Long-term optical variability properties of blazars in the SDSS Stripe 2016, *A&SS*, **361**, art. 345
994. Prokhorov, D. A., Moraghan, A., A search for cyclical sources of γ -ray emission on the period range from days to years in the Fermi-LAT sky, 2017, *MNRAS*, **471**, 3036
995. Kaur, N., Chandra, S., Baliyan, K. S., Sameer, Ganesh, S., Multi-wavelength study of flaring activity in HBL 1ES 1959+650 during 2015-16, 2017, *ApJ*, **846**, art. id. 158
996. Caproni, A., Abraham, Z., Motter, J. C., Monteiro, H., Jet precession driven by a supermassive black hole binary system in the BL Lac object PG 1553+113, 2017, *ApJ Lett.*, **851**, art. id. L39
997. Yan, D., Zhou, J., Zhang, P., Zhu, Q., Wang, J., Testing relativistic boost as the cause of gamma-ray quasi-periodic oscillation in blazar, 2018, *ApJ*, **867**, art. id. 53
998. Meng, N., Zhang, X., Wu, J., Ma, J., Zhou, X., Multi-color optical monitoring of ten blazars from 2005 to 2011, 2018, *ApJS*, **237**, art. id. 30
999. Pandey, A., Gupta, A. C., Wiita, P. J., Tiwari, S. N., Optical Flux and Spectral Variability of the TeV blazar PG 1553+113, 2019, *ApJ*, **871**, art. id. 192
1000. Sosa, M., Estudio observacional de la emission óptica de blazares detectados a altas energías, 2019, Tesis Doctoral, Universidad Nacional de La Plata, Facultad de Ciencias Astronómicas y Geofísicas, Argentina
1001. Agarwal, A., Mihov, B., Andruchow, I., Cellone, S. A., Anupama, G. C., Agrawal, V., Zola, S., Slavcheva-Mihova, L., Ozdonmez, A., Ege, E., Raj, A. Mammana, L., Zibecchi, L.,

- Fernández-Lajús, E., Multi-band behaviour of the TeV blazar PG 1553+113 in optical range on diverse timescales, 2021, *A&A*, **645**, A137
1002. Dhiman, V., Gupta, A. C., Gaur, H. Wiita, P. J., Multi-band Variability of the TeV Blazar PG 1553+113 with XMM-Newton, 2021, *MNRAS*, **506**, 1198–1208
1003. Prince, R., Broadband study of BL Lac during flare of 2020: Spectral evolution and emergence of HBL component, 2021, *MNRAS*, **507**, 5602–5612
1004. Prince, R., Raman, G., Khatoon, R., Agarwal, A., Varun, Gupta, N., Czerny, B., Majumdar, P., A comprehensive study of the 2019-2020 flare of OJ 287 in X-ray window using Swift, XMM-Newton, NuSTAR, and AstroSat, 2021, *MNRAS*, **508**, 315–325
1005. Huang, S., Yin, H., Hu, Sh., Chen, X., Jiang, Y., Alexeeva, S., Wang, Y., The X-ray outburst of PG 1553+113: A precession effect of two jets in the supermassive black hole binary system, 2021, *ApJ*, **922**, art. id. 222
1006. Agarwal, A., Mihov, B., Andruchow, I., Cellone, S. A., Anupama, G. C., Agrawal, V., Zola, S., Özdönmez, A., Ege, E., Optical flux and spectral characterization of the blazar PG 1553 + 113 based on the past 15 years of data, 2022, *J. Astrophys. Astron.*, **43**, art. num. 9
1007. Zhang, B.-K., Zhao, X.-Y., Wu, Q., Optical Spectral Variations of a Large Sample of Fermi Blazars, 2022, *ApJ Supp. Ser.*, **259**, art. id 49
1008. Shao, C., Cheng, X., Pak-Hin Thomas, T., Yang, L., Cui, Y., Pal, P. S., Zhang, Z., Sohn, B. W., Sugiyama, K., Chen, W., Hao, L., Is Fermi 1544-0649 a misaligned blazar? discovering the jet structure with VLBI, 2022, *ApJ*, **934**, art. id. 39
1009. Cheng, Y., Liu, F., Sun, Z.-n., Dong, F.-t., Analysis of Quasi-periodic Variability in the Optical Light Curve of Blazar 3C 66A, 2022, *ChA&A*, **46(3)**, 204-215
1010. Feng, Y., Hu, S., Zhou, R., Gao, S., Explaining the Multiwavelength Emission of γ -ray Bright Flat-Spectrum Radio Quasar 3C 454.3 in Different Activity States, 2022, *Universe*, **8**, 585
1011. Zhang, B.-K., Tang, W.-F., Wang, C.-X., Wu, Q., Jin, M., Dai, B.-Z., Zhu, F.-R., The optical spectral features of 27 Fermi blazars, 2023, *MNRAS*, **519**, 5263–5270
1012. Bhatta, G., Zola, S., Drozd, M., Reichart, D., Haislip, J., Kouprianov, V., Matsumoto, K., Sonbas, E., Caton, D., Pajdosz-Śmierciak, U., Simon, A., Provencal, J., Góra, D., Stachowski, G., Catching profound optical flares in blazars, 2023, *MNRAS*, **520**, 2633–2643
1013. Gao, Q.-G., Lu, F.-W., Qin, L.-H., Gong, Y.-L., Yu, G.-M., Li, H.-Z., Yi, T.-F., A Geometric Model to Interpret the γ -Ray Quasiperiodic Oscillation of PG 1553+113, 2023, *ApJ*, **945**, art. id. 146
1014. Chen, Y., Yi, T., Chen, J., Lu, H., Shen, Y., Wang, J., Wang, L., Zhang, S., Mao, L., Dong, L., Revisiting the quasi-periodic oscillations in blazar PG 1553 + 113 with multi-wavebands data, 2024, *New Astronomy*, **108**, art. id. 102186
1015. Ren, S. S., Zhou, R. X., Zheng, Y. G., Kang, S. J., Wu, Q., The Fermi-LAT view of the changing-look blazar OQ 334, 2024, *A&A*, **685**, A140
1016. Adhikari, S., Penil, P., Westernacher-Schneider, J. R., Dominguez, A., Ajello, M., Buson, S., Rico, A., Zrake, J., Constraining the PG 1553+113 Binary Hypothesis: Interpreting Hints of a New, 22 yr Period, 2024, *ApJ*, **965**, art. id. 124
- Furniss, A., Noda, K., Boggs, S., ... Semkov, E. H. et al., First NuSTAR Observations of Mrk 501 within a Radio to TeV Multi-Instrument Campaign, 2015, *ApJ*, **812**, art. id. 65
1017. Wei, J.-J., Wang, J.-Sh., Gao, H., Wu, X.-F., Tests of the Einstein Equivalence Principle using TeV Blazars, 2016, *ApJL*, **818**, L2
1018. Pian, E., Relativistic jets: an overview of recent progress, 2016, Proceedings of the Conference "High-Energy Phenomena and Relativistic Outflows", Asociación Argentina de Astronomía workshop series - Nro: 8, Edrs. Pellizza, Leonardo, Romero, Gustavo Esteban
1019. Krauß, F., Wilms, J., Kadler, M., et al., The TANAMI Multiwavelength Program: Dynamic SEDs of Southern Blazars, 2016, *A&A*, **591**, A130
1020. Krauss, F., Extreme Environments: From supermassive black holes to supernovae, 2016, Doctoral Thesis, Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany

1021. Zhu, Q., Yan, D., Zhang, P., Yin, Q.-Q., Zhang, L., Zhang, S.-N., Testing one-zone synchrotron-self-Compton models with spectral energy distributions of Mrk 421, 2016, *MNRAS*, **463**, 4481
1022. Chandra, P., Singh, K. K., Rannot, R. C., et al., Multiwavelength study of VHE emission from Markarian 501 using TACTIC observations during April-May 2012, 2017, *New Astronomy*, **54**, 42
1023. Pandey, A., Gupta, A. C., Wiita, P. J., X-ray Intraday Variability of Five TeV Blazars with NuSTAR, 2017, *ApJ*, **841**, art. id. 123
1024. Kaur, N., Chandra, S.; Baliyan, K. S., Sameer; Ganesh, S., A Multiwavelength Study of Flaring Activity in the High-energy Peaked BL Lac Object 1ES 1959+650 During 2015–2016, 2017, *ApJ*, **846**, art. id. 158
1025. Kapanadze, S., Kapanadze, B., Romano, P., Vercellone, S., Tabagari, L., The swift observations of BL Lacertae object 1ES 2344+514, 2017, *A&SS*, **362**, article id. 196
1026. Bhatta, G., Mohorian, M., Bilinsky, I., Hard X-ray properties of NuSTAR blazars, 2018, *A&A*, **619**, A93
1027. Kapanadze, B., Vercellone, S., Romano, P., Hughes, P., Aller, M., Aller, H., Kharshiladze, O., Kapanadze, S., Tabagari, L., Swift Observations of Mrk 421 in Selected Epochs. I. The Spectral and Flux Variability in 2005–2008, 2018, *ApJ*, **854**, art. id. 66
1028. Kapanadze, B., Sub-Hour X-Ray Variability of High-Energy Peaked BL Lacertae Objects, 2018, *Galaxies*, **6(1)**, 37
1029. Lei, M., Yang, Ch., Wang, J., Yang, X., Exploring the origin of broad-band emissions of Mrk 501 with a two-zone model, 2018, *PASJ*, **70**, art. id. 45
1030. Pandey, A., Gupta, A. C., Wiita, P. J., X-ray Flux and Spectral Variability of Six TeV Blazars with NuSTAR, 2018, *ApJ*, **859**, art. id. 1
1031. Kapanadze, B., Vercellone, S., Romano, P., Hughes, P., Aller, M., Aller, H., Kharshiladze, O., Tabagari, L., Swift Observations of Mrk 421 in Selected Epochs. II. An Extreme Spectral Flux Variability in 2009–2012, 2018, *ApJ*, **858**, art. id. 68
1032. Bhatta, G., Blazar Mrk 501 shows rhythmic oscillations in its gamma-ray emission, 2019, *MNRAS*, **487**, 3990–3997
1033. Singh, K. K., Bhatt, H., Bhattacharyya, S., Bhatt, N., Tickoo, A. K., Rannot, R. C., Multi-wavelength study of the short term TeV flaring activity from the blazar Mrk 501 observed in June 2014, 2019, *AdvSR*, **63**, 766-778
1034. Singh, K. K., Meintjes, P. J., Ramamonjisoa, F. A., Tolamatti, A., Extremely High energy peaked BL Lac nature of the TeV blazar Mrk 501, 2019, *NewA*, **73**, art. id. 101278
1035. Osorio, M., Sacahui, R., Magdalena González, M., Fraija, N., Andrés García-González, J., On the TeV gamma-ray and X-ray correlations exhibited in high-energy peaked BL Lacs: Mrk 501 and 1ES 1959+650, 2019, 36th International Cosmic Ray Conference, July 24 - August 1, 2019, Madison, USA
1036. Pandey, A., NuSTAR View of TeV Blazar Mrk 501, 2020, *Galaxies*, **8**, art. id. 55
1037. Malizia, A., Sazonov, S., Bassani, L. Pian, E., Beckmann, V., Molina, M., Mereminskiy, I., Belanger, G., INTEGRAL view of AGN, 2020, *New Astr. Rev.*, **90**, art. id. 101545
1038. Singh, K. K., Yadav, K. K., 20 Years of Indian Gamma Ray Astronomy Using Imaging Cherenkov Telescopes and Road Ahead, 2021, *Universe*, **7(4)**, art. id. 96
1039. Deng, Xiao-Chun, Hu, Wen, Lu, Fang-Wu, Dai, Ben-Zhong, Kinetic powers of the relativistic jets in Mrk 421 and Mrk 501, 2021, *MNRAS*, **504**, 878–887
1040. Saad, A. A., Nasser, A. M., Abdelbar, A. M., Beheary, M. M., X-Ray flux and spectral variability of bl lacertae objects MRK 421, MRK 501, and 1es1426+428 with suzaku satellite, 2021, *Revista Mexicana de Astronomia y Astrofisica*, **57(1)**, 133-145
1041. Rajput, B., Pandey, A., Stalin, C. S., Mathew, B., Study of correlation between optical flux and polarization variations in BL Lac objects, 2022, *MNRAS*, **517**, 3236–3256
1042. Zheng, Y. G., Kang, S. J., Zhu, K. R., Yang, C. Y., Bai, J. M., Expected Signature For the Lorentz Invariance Violation Effects on γ - γ Absorption, 2023, *Phys. Rev. D*, **107**, id. 083001

1043. Aguilar-Ruiz, E., Fraija, N., Galván-Gómez, A., Evidence of a lepto-hadronic two-zone emission in flare states, 2023, *European Physical Journal C*, **83**, art. num. 338
1044. Morcuende Parrilla, D., Study of the performance of the first Large-Sized Cherenkov telescope of CTA, the relevance of fluorescence in the Cherenkov technique and the multiwavelength emission from the blazar 1ES 0647+250, 2023, PhD Thesis, Facultad de Ciencias Físicas, Universidad Complutense de Madrid, Spain
1045. Wang, Z.-R., Xue, R., Xiong, D., Wang, H.-Q., Sun, L.-M., Peng, F.-K., Mao, J., Broadband multi-wavelength study of LHAASO detected Active Galactic Nuclei, 2024, *ApJS*, **271**, art. nom. 10
1046. Bora, H., Khatoon, R., Misra, R., Gogoi, R., Estimating the Jet Power from Broadband SED modeling of Mkn 501 for different particle distributions, 2024, *MNRAS*, **529**, 4433–4441
- Gaur, H., Gupta, A. C., Bachev, R., Strigachev, A., Semkov, E., Böttcher, M., Wiita, P. J., de Diego, J. A., Gu, M., Guo, H., Joshi, R., Mihov, B., Palma, N., Peneva, S., Rajasingam, A., Slavcheva-Mihova, L., Nature of Intra-night Optical Variability of BL Lacertae, 2015, *MNRAS*, **452**, 4263
1047. Xiong, D., Zhang, X., Yi, T., Bai, J., Wang, F., Liu, H., Zheng, Y., Zhang, H., Multi-color optical monitoring of Mrk 501 from 2010 to 2015, 2016, *ApJS*, **222**, art. id. 24
1048. Polednikova, J., Ederoclite, A., de Diego, J. A., Cepa, J., González-Serrano, J. I., Bongiovanni, A., Oteo, I., Pérez García, A. M., Pérez-Martínez, R., Pintos-Castro, I., Ramón-Pérez, M., Sánchez-Portal, M., Detecting microvariability in type 2 quasars using enhanced F-test, 2016, *MNRAS*, **460**, 3950
1049. Kshama S., K., Paliya, V. S., Stalin, C. S., Intra-night optical variability characteristics of different classes of narrow line Seyfert 1 galaxies, 2017, *MNRAS*, **466**, 2679
1050. Fan, J. H., Kurtanidze, O., Liu, Y., Liu, X., Yang, J. H., Richter, G. M., Nikolashvili, M. G., Kurtanidze, S. O., Wang, H. T., Sasada, M., Zhou, A. Y., Lin, C., Yuan, Y. H., Zhang, Y. T., Constantin, D., The Variability and Period Analysis for the BL Lac AO 0235+164, 2017, *ApJ*, **837**, art. id. 45
1051. Meng, N., Wu, J., Webb, J. R.; Zhang, X., Dai, Y., Intraday optical variability of BL Lacertae, 2017, *MNRAS*, **469**, 3588
1052. Klindt, L., van Soelen, B., Meintjes, P. J., de Witt, A., Optical and radio variability of unclassified Active Galactic Nuclei in the Fermei-2LAC catalogue, 2015, Proceedings of the 3rd Annual Conference on High Energy Astrophysics in Southern Africa. 18-20 June 2015. University of Johannesburg, Auckland Park, South Africa. id. 8
1053. Bhatta, G., Webb, J. R., Microvariability in BL Lac: Zooming into the Innermost Blazar Regions, 2018, *Galaxies*, **6(1)**, art. id. 2
1054. Li, X.-P., Luo, Y.-H., Yang, H.-T., Yang, H.-Y., Yang, C., Cai, Y., Long-term optical color behavior of a sample of blazars, 2018, *RAA*, **18**, art. id. 150
1055. González Pérez, J. N., Systematic study of the rapid optical-NIR variability of blazars and other AGNs, 2018, PhD Dissertation, Department Physik, Universität Hamburg, Germany
1056. Bhattacharya, D., Gulati, S., Stalin, C. S., Intra-night optical variability of misaligned active galaxies, 2019, *MNRAS*, **483**, 3382
1057. Zeng, W., Hu, W., Zhang, G.-M., Wen, T., Yang, S.-B., Geng, X.-F., Wu, X.-H., Zhou, X.-Z., Dai, B.-Z., Minute-scale Rapid Variability of Mrk 501 by Multi-Band, Photometric Monitoring from 2010 to 2017, 2019, *PASP*, **131**, art. id. 074102
1058. Xu, J., Hu, Sh., Webb, J. R., Bhatta, G., Jiang, Y., Chen, X., Alexeeva, S., Li, Y. Statistical Analysis of Microvariability Properties of the Blazar S5 0716+714, 2019, *ApJ*, **884**, art. id. 92
1059. Li, F., Zhang, H., Xiong, D., Xu, H., Ren, G., Yan, P., Study on Color Index of the Fermi Blazars, 2020, *Astronomical Research and Technology*, **17(4)**, 405-413
1060. Sun, S. S., Li, H. L., Yang, X., Lü, J., Xu, D. W., Wang, J., The intra-day Optical Monitoring of BL Lacertae Object 1ES 1218+304 at Its Highest X-ray Flux Level, 2021, *RAA*, **21**, art. id. 197

1061. Li, T., Wu, J.-H., Meng, N.-K., Dai, Y., Zhang, X.-Y., Intra-day variability of BL Lacertae from 2016 to 2018, 2021, *RAA*, **21**, art. id. 259
1062. Fang, Y., Zhang, Y., Chen, Q., Wu, J., Intraday Optical Multiband Observation of BL Lacertae, 2022, *ApJ*, **926**, art. id. 91
1063. Fang, Y., Chen, Q., Zhang, Y., Wu, J., Multi-wavelength Variation Phenomena of PKS 0735+178 on Diverse Timescale, 2020, *ApJ*, **933**, art. id. 224
1064. Subbu Ulaganatha Pandian, K., Natarajan, A., Stalin, C. S., Pandey, A., Muneer, S., Natarajan, B., Intra-night optical variability monitoring of γ -ray emitting blazars, 2022, *JA&A*, **43**, art. id. 0048
1065. Rajput, B., Pandey, A., Stalin, C. S., Mathew, B., Study of correlation between optical flux and polarization variations in BL Lac objects, 2022, *MNRAS*, **517**, 3236–3256
1066. Otero-Santos, J., Peñil, P., Acosta-Pulido, J. A., Becerra González, J., Raiteri, C. M., Carnerero, M. I., Villata, M., Multiwavelength periodicity search in a sample of γ -ray bright blazars, 2023, *MNRAS*, **518**, 5788–5807
1067. Imazawa, R., Sasada, M., Hazama, N., Fukazawa, Y., Kawabata, K. S., Nakaoka, T., Akitaya, H., Bohn, T., Gangopadhyay, A., The microvariability and wavelength dependence of polarization degree/angle of BL Lacertae in the outburst 2020 to 2021, 2023, *PASJ*, **75**, 1–13
1068. Imazawa, R., Sasada, M., Hazama, N., Fukazawa, Y., Nakaoka, T., Akitaya, H., Kawabata, K. S., Bohn, T., Gangopadhyay, A., The Microvariability and Wavelength Dependence of Polarization Vector of BL Lacertae in the Outburst 2020 to 2021, 2023, *Proceedings of the IAU*, **17(S375)**, 61-65
1069. Xu, J., Hu, S., Chen, X., Jiang, Y., Alexeeva, S., A small scale structure model of jet based on the observation of microvariability, 2023, *ApJ Supp.*, **268**, art. id. 54
1070. Shah, Z., Multi-wavelength variability and broadband SED modeling of BL Lac during a bright flaring period MJD 59000-59943, 2024, *MNRAS*, **527**, 5140–5154
1071. Li, H.-Z., Guo, D.-F., Qin, L.-H., Yi, T.-F., Liu, F., Gao, Q.-G., Chang, X., The optical intra-day variability of BL laceratae object 2200 + 420, 2024, *MNRAS*, **528**, 6823-6835
- Gaur, H., Gupta, A. C., Bachev, R., Strigachev, A., Semkov, E., Wiita, P. J., Volvach, A. E., Gu, M., Agarwal, A., Agudo, I., Aller, M. F., Aller, H. D., Kurtanidze, O. M., Kurtanidze, S. O., Lahteenmaki, A., Peneva, S., Nikolashvili, M. G., Sigua, L. A., Tornikoski, M., Volvach, L. N., Optical anacepd Radio Variability of BL Lacertae, 2015, *A&A*, **582**, A103
1072. Balenderan, Sh., On the Connection between the Gamma-ray and (Sub-)mm Emission in Active Galactic Nuclei, 2016, PhD thesis, Department of Physics, Durham University, UK
1073. Kim, D.-W., Trippe, S., Lee, S.-S., Park, J.-H., Kim, J.-Y., Algaba, J.-C., Hodgson, J., A., Kino, M., Zhao, G.-Y., Wajima, K., Kang, S., Oh, J., Lee, T., Byun, D.-Y., Kim, S.-W., Kim, J.-S., The Millimeter-Radio Emission of BL Lacertae During Two gamma-ray Outbursts, 2017, *JKAS*, **50**, 167
1074. Meng, N., Zhang, X., Wu, J., Ma, J., Zhou, X., Multi-color optical monitoring of ten blazars from 2005 to 2011, 2018, *ApJS*, **237**, art. id. 30
1075. González Pérez, J. N., Systematic study of the rapid optical-NIR variability of blazars and other AGNs, 2018, PhD Dissertation, Department Physik, Universität Hamburg, Gemany
1076. Feng, H.-Ch., Liu, H. T., Bai, J. M., Xing, L. F., Li, Y. B., Xiao, M., Xin, Y. X., Quasi-simultaneous Spectroscopic and Multi-band Photometric Observations of Blazar S5 0716+714 during 2018-2019, 2020, *ApJ*, **888**, art. id. 30
1077. Reddy Pininti, V., Bhatta, G., Paul, S., Kumar, A., Rajgor, A., Barnwal, R., Gharat, S., Exploring Short-Term Optical Variability of Blazars Using TESS, 2023, *MNRAS*, **518**, 1459–1471
1078. Otero-Santos, J., Peñil, P., Acosta-Pulido, J. A., Becerra González, J., Raiteri, C. M., Carnerero, M. I., Villata, M., Multiwavelength periodicity search in a sample of γ -ray bright blazars, 2023, *MNRAS*, **518**, 5788–5807
1079. Yuan, Y. H., Du, G. J., Fan, J. H., Liu, Y., Yang, J. H., Ding, G. Z., Pei, Z. Y., Optical Monitoring and Intraday Variabilities of BL Lacertae, 2023, *ApJ Supp. Ser.*, **269**, art. id. 60

Strigachev, A., Bachev, R., Semkov, E., Gupta, S. P., Dewangan, G., Singh, K., Photometric study of a gamma-ray loud narrow line Seyfert-1: PKS~1502+036, 2015, *BlgAJ*, **22**, 33

1080. Foschini, L., Jetted Narrow-Line Seyfert 1 Galaxies & Co.: Where Do We Stand?, 2020, *Universe*, **6**, id. 136

Semkov, E. H., Peneva, S. P., Ibryamov, S. I., The PMS star V1184 Tau (CB 34V) at the end of prolonged eclipse, 2015, *A&A*, **582**, A113

1081. Giannini, T., Lorenzetti, D., Harutyunyan, A., Li Causi, G., Antonucci, S., Arkharov, A. A., Larionov, V. M., Strafella, F., Carini, R., Di Paola, A., Speziali, R., A new insight into the variability of V1184 Tauri, 2016, *A&A*, **588**, A20

1082. Grinin, V. P., Barsunova, O. Y., Sergeev, S. G., Shugarov, S. Yu., Fedorova, E. I., Unusual Eclipse of the UX Ori Type Star V719 Per, 2021, *Astron. Rep.*, **65**, 864–868

1083. Grinin, V. P., Tambovtseva, L. V., Scattered Radiation of Protoplanetary Disks, 2022, *Universe*, **8(4)**, art. id. 224

1084. Efimova, N. V., Grinin, V. P., Arkharov, A. A., Potravnov, I. S., Melnikov, S. Yu., Larionov, V. M., Klimanov, S. A., Gorshanov, D. L., The Near Infrared and Optical Photometric Activity of V517 Cyg, 2023, *Astr. Rep.*, **67**, 1139-1155

1085. Grinin, V., Demidova, T., Clumpy accretion as a possible reason of prolonged eclipses of UX~Ori type stars, 2024, *ApJ*, accepted

Semkov, E. H., Ibryamov, S. I., Peneva, S. P., Milanov, T. R., Stoyanov, K. A., Stateva, I. K., Kjurkchieva, D. P., Dimitrov, D. P., Radeva, V. S., The unusual photometric variability of the PMS star GM Cep, 2015, *PASA*, **32**, e011

1086. Mackenzie, S., Moody, L., Stahler, S. W., EXors and the stellar birthline, 2017, *A&A*, **600**, A133

1087. Munari, U., Castellani, F., Giannini, T., Antonucci, S., Lorenzetti, D., A sudden brightness decrease of the young pre-MS object GM Cep, 2017, *Atel*, **11004**; 1

1088. Giannini, T., Munari, U., Lorenzetti, D., Antonucci, S., Castellani, F., Dallaporta, D., Jurdana-Šepić, R. "The Mass Accretion Rate of the Young Variable Star GM Cep", 2018, *RNAAS*, **2**, art. id. 124

1089. Mutafov, A., Eclipse Variables of UX Ori Type, 2024, *BlgAJ*, 41, accepted

Ibryamov, S. I., Semkov, E. H., Peneva, S. P., Long-term multicolor photometry of the young stellar objects FHO 26, FHO 27, FHO 28, FHO 29 and V1929 Cygni, 2015, *PASA*, **32**, e021

1090. Rigon, L., Scholz, A., Anderson, D., West, R., Long-term variability of T Tauri stars using WASP, 2017, *MNRAS*, **465**, 3889

1091. Hambálek, L.; Vaňko, M., Paunzen, E., Smalley, B., T Tauri stars in the SuperWASP and NSVS surveys, 2019, *MNRAS*, **483**, 1642

1092. Hillenbrand, L. A., Reipurth, B., Connelley, M., Cutri, R. M., Isaacson, H., Gaia 19ajj: A Young Star Brightening Due to Enhanced Accretion + Reduced Extinction, 2019, *AJ*, **158**, art. id. 240

1093. Evitts, J. J., An analysis on the photometric variability of V 1490 Cyg, 2020, Master of Science by Research (MScRes) thesis, University of Kent, UK

1094. Hillenbrand, L. A., Kiker, T. J., Gee, M., Lester, O., Braunfeld, N. L., Rebull, L. M., Kuhn, M. A., A ZTF Look at Optical Variability of Young Stellar Objects in the North America and Pelican Nebulae Complex, 2022, *AJ*, **163**, art. id. 263

Agarwal, A., Gupta, A. C., Bachev, R., Strigachev, A., Semkov, E., Wiita, P. J., Fan, J. H., Pandey, U. S., Boeva, S., Spassov, B., Multi-band optical variability of the Blazar S5 0716+714 in outburststate during 2014-2015, 2016, *MNRAS*, **455**, 680-690

1095. Kaur, N., Sameer, Baliyan, K. S., Ganesh, S. Optical intra-day variability in 3C 66A: 10 years of observations, 2017, *MNRAS*, **469**, 2305
1096. Meng, N., Wu, J., Webb, J. R.; Zhang, X., Dai, Y., Intraday optical variability of BL Lacertae, 2017, *MNRAS*, **469**, 3588
1097. Hong, S., Xiong, D., Bai, J., Multi-color optical monitoring of the BL Lacertae object S5 0716+714 during the 2012 outburst, 2017, *AJ*, **154**, art. id. 42
1098. Paliya, Vaidehi S., Stalin, C. S., Ajello, M., Kaur, A., Intra-night Optical Variability Monitoring of Fermi Blazars: First Results from 1.3 m J. C. Bhattacharya Telescope, 2017, *ApJ*, **844**, art. id. 32
1099. Feng, H.-Ch., Liu, H. T., Fan, X. L, Zhao, Y., Bai, J. M., Wang, F., Xiong, D. R., Li, S. K., Search for intra-day optical variability in Mrk 501, 2017, *ApJ*, 849, art. id. 161
1100. Hong, S., Xiong, D., Bai, J., Optical quasi-periodic oscillation of the BL Lacertae object S5 0716+714 during the faint state, 2018, *AJ*, **155**, art. id. 31
1101. Li, H. Z., Jiang, Y. G., Yi, T. F., Guo, D. F., Chen, X., Zhang, H. M., Gao, Q. G., Lu, F. W., Ren, J. Y., The Radio and gamma-ray Variability Analysis of S5 0716+714, 2018, *Ap&SS*, **363**, art. id. 45
1102. Fan, J. H., Tao, J., Liu, Y., Yuan, Y. H., Sawangwit, U., Yang, J. H., Huang, Y., Zhang, Y. T., Zhang, J. Y., Zhang, L. X., Zhu, J. T., Optical Photometric Monitoring for 3C 66A during 1996–2009 and Its Periodicity Analysis, 2018, *AJ*, **155**, art. id. 90
1103. Zhang, X., Wu, J., Meng, N., Intra-day optical multi-band quasi-simultaneous observation of BL Lacertae object S5 0716+714 from 2013 to 2016, 2018, *MNRAS*, **478**, 3513
1104. Kaur, N., Baliyan, K. S., Chandra, S., Sameer; G. S., Optical variability in IBL S5 0716+714 during the 2013-2015 outburst, 2018, *AJ*, **156**, art. id. 36
1105. Li, X.-P., Yang, H.-Y., Luo, Y.-H. Yang, Ch., Cai, Y., Yang, H.-T., Zhang, Li., Multicolour optical and near-infrared variability of the blazar PKS 2155–304 on diverse time-scales, 2018, *MNRAS*, **479**, 4073
1106. Li, X.-P., Luo, Y.-H., Yang, H.-Y. Yang, Ch., Cai, Y., Yang, H.-T., Zhou, L., Shan, Y.-Q., Radio variability of the blazar S5 0716+714: a ~ 6.1 year quasi-periodicity, 2018, *Ap&SS*, **363**, art. id. 169
1107. González Pérez, J. N., Systematic study of the rapid optical-NIR variability of blazars and other AGNs, 2018, PhD Dissertation, Department Physik, Universität Hamburg, Gemany
1108. Wang, C.-J., Xiong, D.-R., Bai, J.-M., Optical multi-color monitoring of the BL Lacertae Object S5 0716+714 with BOOTES-4, 2019, *Ap&SS*, **364**, art. id. 83
1109. Liu, H. T., Feng, H. C., Xin, Y. X., Bai, J. M., Search for Intra-day Optical Variability in gamma-ray--loud Blazars S5 0716+714 and 3C 273, 2019, *ApJ*, **880**, art. id. 155
1110. Feng, H.-Ch., Liu, H. T., Bai, J. M., Xing, L. F., Li, Y. B., Xiao, M., Xin, Y. X., Quasi-simultaneous Spectroscopic and Multi-band Photometric Observations of Blazar S5 0716+714 during 2018-2019, 2020, *ApJ*, **888**, art. id. 30
1111. Feng, H.-C., Yang, S., Yang, Z.-X., Liu, H. T., Bai, J. M., Li, S.-S., Zhao, X. H., Zhang, J., Li, Y. B., Xiao, M., Xin, Y. X., Xing, L. F., Lu, K. X., Xu, L., Wang, J. G., Wang, C. J., Zhang, X. L. Zhang, J. J., Lun, B. L., He, S. S., Spectroscopic Monitoring of Blazar S5 0716+714: Brightness-Dependent Spectral Behavior, 2020, *ApJ*, **902**, art. id. 42
1112. Butuzova, M. S., A geometrical interpretation for the properties of multiband optical variability of the blazar S5 0716+714, 2021, *Astroparticle Physics*, **129**, art. id. 102577
1113. Chang, X., Yi, T. F., Xiong, D. R., Liu, C. X., Yang, X., Li, H. Z., Gong, Y. L., Na, W. W., Li, Y., Chen, Z. H., Chen, J. P., Mao, L. S., Multicolour Optical Variability Monitoring of Blazars with High Time Resolution, 2023, *MNRAS*, **520**, 4118–4133
1114. Haiyan, Y., Xiefei, S., Xiaopan, L., Na, J., Haitao, Y., Yuhui, L., Li, Z., Yan, C., Detection of quasi-periodic oscillation in the optical light curve of the blazar S5 0716+714, 2023, *Astrophys. Space Sci.*, **368**, 88

- Ibryamov, S. I., Semkov, E. H., Photometric variability of 14 PMS stars in the NGC 7000/IC 5070 complex, 2016, *BlgAJ*, **24**, 62-88
1115. Siwak, M., Drózdź, M., Gut, K., Winiarski, M., Ogłóza, W., Stachowski, G. Mount Suhora High Cadence Photometric Survey of T Tauri-Type Stars, 2019, *AcA*, **69**, 227-260
- Baloković, M., Paneque, D., Madejski, G.,..., Semkov, E. et al., Multiwavelength Study of Quiescent States of Mrk 421 with Unprecedented Hard X-Ray Coverage Provided by NuSTAR in 2013, 2016, *ApJ*, **819**, art. id. 156
1116. Krauß, F., Wilms, J., Kadler, M., et al., The TANAMI Multiwavelength Program: Dynamic SEDs of Southern Blazars, 2016, *A&A*, **591**, A130
1117. Kataoka, J., Stawarz, L., Inverse Compton X-ray Emissions from TeV blazar Mrk421 during a Historical Low-Flux State Observed with NuSTAR, 2016, *ApJ*, **827**, art. id. 55
1118. Krauss, F., Extreme Environments: From supermassive black holes to supernovae, 2016, Doctoral Thesis, Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany
1119. Zhu, Q., Yan, D., Zhang, P., Yin, Q.-Q., Zhang, L., Zhang, S.-N., Testing one-zone synchrotron-self-Compton models with spectral energy distributions of Mrk 421, 2016, *MNRAS*, **463**, 4481
1120. Rani, P., Stalin, C. S., Rakshit, S., X-ray flux variability of active galactic nuclei observed using NuSTAR, 2017, *MNRAS*, **466**, 3309
1121. Costantino, A., X-ray and -ray study of the TeV blazar Markarian 421, 2017, Università degli Studi di Bari "Aldo Moro", Corso di Laurea in Fisica, Tesi di laurea magistrale, Italia
1122. Pandey, A., Gupta, A. C., Wiita, P. J., X-ray Intraday Variability of Five TeV Blazars with NuSTAR, 2017, *ApJ*, **841**, art. id. 123
1123. Chen, L., On the origin of the hard X-Ray excess of high-synchrotron-peaked BL Lac object Mrk 421, 2017, *ApJ*, **842**, art. id. 129
1124. Kaur, N., Chandra, S., Baliyan, K. S., Sameer, Ganesh, S., Multi-wavelength study of flaring activity in HBL 1ES 1959+650 during 2015-16, 2017, *ApJ*, **846**, art. id. 158
1125. Fraija, N., Benítez, E., Hiriart, D., Sorcia, M., López, J. M., Mújica, R., Cabrera, J. I., de Diego, J. A., Rojas-Luis, M., Salazar-Vázquez, F., Galván-Gómez, A., Long-term optical polarization variability and multiwavelength analysis of Blazar Mrk 421, 2017, *ApJS*, **232**, art. id. 7
1126. Potter, W. J., Modelling blazar flaring using a time-dependent fluid jet emission model - an explanation for orphan flares and radio lags, 2018, *MNRAS*, **473**, 4107
1127. Tavani, M., Cavaliere, A., Munar-Adrover, P., Argan, A., The Blazar PG 1553+113 as a Binary System of Supermassive Black Holes, 2018, *ApJ*, **854**, art. id. 11
1128. Kapanadze, B., Vercellone, S., Romano, P., Hughes, P., Aller, M., Aller, H., Kharshiladze, O., Kapanadze, S., Tabagari, L., Swift Observations of Mrk 421 in Selected Epochs. I. The Spectral and Flux Variability in 2005–2008, 2018, *ApJ*, **854**, art. id. 66
1129. Kapanadze, B., Vercellone, S., Romano, P., Hughes, P., Aller, M., Aller, H., Kharshiladze, O., Tabagari, L., Swift Observations of Mrk 421 in Selected Epochs. II. An Extreme Spectral Flux Variability in 2009–2012, 2018, *ApJ*, **858**, art. id. 68
1130. Pandey, A., Gupta, A. C., Wiita, P. J., X-ray Flux and Spectral Variability of Six TeV Blazars with NuSTAR, 2018, *ApJ*, **859**, art. id. 1
1131. Sahu, S., Rosales de León, A., Nagataki, S., Gupta, V., The origin of multi-TeV flares from the nearest blazar Markarian 421, 2018, *European Physical Journal C*, **78**, Art. num. 557
1132. Aggrawal, V., Pandey, A., Gupta, A. C., Zhang, Z., Wiita, P. J., Yadav, K. K., Tiwari, S. N., X-ray Intraday Variability of the TeV Blazar Mrk 421 with Chandra, 2018, *MNRAS*, **480**, 4873
1133. Wang, Y., Xue, Y., Zhu, S., Fan, J., Systematic Investigation of X-Ray Spectral Variability of TeV Blazars during Flares in the RXTE Era, 2018, *ApJ*, **867**, art. id. 68
1134. Banasiński, P. Modelling of the non-thermal emission from inhomogeneous jets in active galactic nuclei, 2018, University of Lodz Faculty of Physics and Applied Informatics Department of Astrophysics, Doctoral thesis performed in Department of Astrophysics, Łódź, Poland

1135. Yadav, K. K., Chanchalani, K., Singh, K. K., Ghosal, B., Chandra, P., Rannot, R. C., Tickoo, A. K., Agarwal, N. K., Kothari, M., Gaur, K. K., Goyal, H. C., Goyal, A., Kumar, N., Marandi, P., Kaul, S. R., Dhar, V. K., Koul, M. K., Koul, R., Venugopal, K., Bhat, C. K., Chouhan, N., Borwankar, C., TeV γ -ray emission from Mrk 421 observed with TACTIC during December 2014 - February 2015, 2019, *NewA*, **67**, 67-75
1136. González, M. M., Patricelli, B., Fraija, N., García-González, J. A., Reconciliation of VHE γ -ray/X-ray correlation studies in Mrk 421 and break-down at high fluxes, 2019, *MNRAS*, **484**, 2944
1137. Sahu, S., Multi-TeV flaring in nearby High Energy Blazars: A photohadronic scenario, 2019, *Revista Mexicana de Física*, **65**, 307-320
1138. Zhang, Z., Gupta, A. C., Gaur, H., Wiita, P. J., An, T., Gu, M., Hu, D., Xu, H., X-ray Intra-day Variability of the TeV Blazar Mrk 421 with Suzaku, 2019, *ApJ*, **884**, art. id. 125
1139. Goswami, P., Sinha, A., Chandra, S., Misra, R., Chitnis, V., Gogoi, R., Sahayanathan, S., Stalin, C. S., Singh, K. P., Yadav, J. S., Unravelling the unusually curved X-ray spectrum of RGB J0710+591 using AstroSat observations, 2020, *MNRAS*, **492**, 796–803
1140. Kapanadze, B., Vercellone, S., Romano, P. Stochastic acceleration in the relativistic jets of BL Lacertae objects 2020, *New Astronomy*, **79**, article id. 101393
1141. Soares, G. R. R., Accretion discs, jets, and black hole spins: a study of blazars, 2020, Doctoral Thesis in Astronomia, Instituto de Astronomia, Geofísica e Ciências Atmosféricas, University of São Paulo
1142. Gaur, H., X-ray Spectral Evolution of High Energy Peaked Blazars, 2020, *Galaxies*, **8**, art. id. 62
1143. Gupta, Alok C., X-ray Flux and Spectral Variability of the TeV Blazars Mrk 421 and PKS 2155-304, 2020, *Galaxies*, **8**, art. id. 64
1144. Xie, X. X., Zhu, K. R., Kang, S. J., Zheng, Y. G., Establishing a particle distribution for multi-wavelength emission from BL Lac objects, 2020, *Ap&SS*, **365**, art. id. 151
1145. Pranjupriya, G., Sunder, S., Atreyee, S., Rupjyoti, G., Unfolding the X-ray Spectral Curvature of Mkn 421 for Further Clues, 2020, *MNRAS*, **499**, 2094–2103
1146. Zheng, Y. G., Kang, S. J., Yang, C. Y., Bai, J. M., A time-dependent particle acceleration and emission model: understanding particle spectral evolution and blazar flares, 2020, *MNRAS*, **499**, 1188–1199
1147. Matthews, J., Bell, A., Blundell, K., Particle acceleration in astrophysical jets, 2020, *New Astronomy Reviews*, **89**, art. id. 101543
1148. Malizia, A., Sazonov, S., Bassani, L. Pian, E., Beckmann, V., Molina, M., Mereminskiy, I., Belanger, G., INTEGRAL view of AGN, 2020, *New Astronomy Reviews*, **90**, art. id. 101545
1149. Zheng, Y.-G., Yang, Ch.-Y., Kang, S.-J., Bai, J.-M., An Explanation for 13 consecutive days activities of Mrk 421, 2021, *RAA*, **21**, art. id. 8
1150. Shah, Z., Jithesh, V., Sahayanathan, S., Iqbal, N., Unveiling the broadband spectral and temporal properties of PKS 0903-57 during its brightest flare, 2021, *MNRAS*, **504**, 416–427
1151. Deng, Xiao-Chun, Hu, Wen, Lu, Fang-Wu, Dai, Ben-Zhong, Kinetic powers of the relativistic jets in Mrk 421 and Mrk 501, 2021, *MNRAS*, **504**, 878–887
1152. Arbet-Engels, A., The broadband behaviour of bright TEV gamma-ray emitting blazars, 2021, PhD thesis, Swiss Federal Institute of Technology, Zürich, Switzerland
1153. Zhou, R. X., Zheng, Y. G., Zhu, K. R., Kang, S. J., The Intrinsic Properties of Multiwavelength Energy Spectra for Fermi Teraelectronvolt Blazars, 2021, *ApJ*, **915**, art. id. 59
1154. Kapanadze, B., The long-term multiwavelength observations of the blazar PKS 2005-489, 2021, *Astroparticle Physics*, **132**, art. id. 102620
1155. Kushwaha, P., Pal, M., Kalita, N, Kumari, N., Naik, S., Gupta, A. C., de Gouveia Dal Pino, E. M., Gu, M., Blazar OJ 287 After First VHE Activity: Tracking the Re-emergence of the HBL like Component in 2020, 2021, *ApJ*, **921**, art. id. 18

1156. Hota, J., Shah, Z., Khatoon, R., Misra, R., Pradhan, A. C., Gogoi, R., Understanding the X-ray spectral curvature of Mkn 421 using broadband *AstroSat* observations, 2021, *MNRAS*, **508**, 5921-5934
1157. Singh, K. P., Kushwaha, P., Sinha, A., Pal, Main, Dewangan, G., Agarwal, A., Spectral States of OJ 287 blazar from Multi-wavelength Observations with *AstroSat*, 2022, *MNRAS*, **509**, 2696–2706
1158. Zahoor, M., Sahayanathan, S., Zahir, S., Iqbal, N., Manzoor, A., Bhatt, N., Model-independent Redshift Estimation of BL Lac Objects through VHE Observations, 2022, *MNRAS*, **511**, 994–1003
1159. Mondal, S., Rani, P., Stalin, C. S., Chakrabarti, S. K., Rakshit, S., Flux and spectral variability of Mrk 421 during its moderate activity state using NuSTAR: Possible accretion disc contribution?, 2022, *A&A*, **663**, A178
1160. Baheeja, C., Sahayanathan, S., Rieger, F. M., Jagan, S. K., Ravikumar, C. D., Do radiative losses determine the characteristic emission of the blazar Mkn 421?, 2022, *MNRAS*, **514**, 3074–3081
1161. Zahoor, M., Zahir, S., Sahayanathan, S., Iqbal, N., Manzoor, A., Multi-wavelength study of blazar 4C +01.02 during its long-term flaring activity in 2014-2017, 2022, *MNRAS*, **514**, 4259–4269
1162. Gokus, A. K., A multi-wavelength perspective on gamma-ray flaring blazars, 2022, PhD thesis, Friedrich-Alexander-Universität Erlangen, Nürnberg, Germany
1163. Pineda, M. M. C., Estudio de Correlaciones en los Flujos Observados en Óptico, Radio y Rayos-gamma del Blazar Mrk 421, 2022, PhD Thesis, Escuela de Ciencias Físicas y Matemáticas, Universidad de San Carlos de Guatemala, Guatemala
1164. Xue, R., Wang, Z.-R., Li, W.-J., Hadronuclear interactions in the jet of low TeV luminosity AGN: Implications for the low-state very-high-energy gamma-ray emission, 2022, *Phys. Rev. D*, **106**, art. id. 103021
1165. Imazawa, R., Sasada, M., Hazama, N., Fukazawa, Y., Kawabata, K. S., Nakaoka, T., Akitaya, H., Bohn, T., Gangopadhyay, A., The microvariability and wavelength dependence of polarization degree/angle of BL Lacertae in the outburst 2020 to 2021, 2023, *PASJ*, **75**, 1–13
1166. Guo, Y., Sun, J., Song, Y., Xu, Y., Xie, Z., Du, L., Analyzing the Variations in the Spectral Energy Distribution of the BL Lac Object Mrk 421. 2023, *Astronomical Research and Technology*, **20(1)**, 1-14
1167. Bhatta, G., Zola, S., Drozd, M., Reichart, D., Haislip, J., Kouprianov, V., Matsumoto, K., Sonbas, E., Caton, D., Pajdosz-Śmierciak, U., Simon, A., Provencal, J., Góra, D., Stachowski, G., Catching profound optical flares in blazars, 2023, *MNRAS*, **520**, 2633–2643
1168. Hu, W., Yan, D.-h., Hu, Q.-l., Two-injection scenario for the hard X-ray excess observed in Mrk 421, 2023, *ApJ*, **948**, art. id. 82
1169. Das, S., Chatterjee, R., Correlated Short-Timescale Hard-Soft X-ray Variability of the Blazars Mrk 421 and 1ES 1959+650 using *AstroSat*, 2023, *MNRAS*, **524**, 3797–3808
1170. Manzoor, A., Sahayanathan, S., Shah, Z., Bhattacharyya, S., Iqbal, N., Malik, Z., Understanding the Very High Energy γ -ray excess in nearby blazars using leptonic model, 2023, *MNRAS*, **525**, 3533–3540
1171. Fichet de Clairfontaine, G., Buson, S., Pfeiffer, L., Marchesi, S., Azzollini, A., Baghmany, V., Tramacere, A., Barbano, E., Oswald, L., Hadronic processes at work in 5BZB J0630-2406, 2023, *ApJ Lett.*, **958**, L2
1172. Morcuende Parrilla, D., Study of the performance of the first Large-Sized Cherenkov telescope of CTA, the relevance of fluorescence in the Cherenkov technique and the multiwavelength emission from the blazar 1ES 0647+250, 2023, PhD Thesis, Facultad de Ciencias Físicas, Universidad Complutense de Madrid, Spain
1173. Dar, A. A., Sahayanathan, S., Shah, Z., Iqbal, N., Can FSRQ 3C 345 be a Very High Energy Blazar Candidate?, 2024, *MNRAS*, **527**, 10575–10583

1174. Manzoor, A., Shah, Z., Sahayanathan, S., Iqbal, N., Dar, A. A., Broadband spectral and temporal study of Ton 599 during the brightest January 2023 flare, 2024, *MNRAS*, **529**, 1356–1364
1175. Creech, S., Wik, D. R., Rosslund, S., Tümer, A., Wong, K.-W., Walker, S. A., The NuSTAR View of Perseus: the ICM and a Peculiar Hard Excess, 2024, *ApJ*, **965**, art. id. 33
1176. Baheerja, C., Sahayanathan, S., Rieger, F. M., Ravikumar, C. D., Signature of Particle Diffusion on the X-ray Spectra of the blazar Mkn 421, 2024, *Physical Review D*, accepted
- Gupta, A. C., Agarwal, A., Bhagwan, J., Strigachev, A., Bachev, R., Semkov, E., Gaur, H., Damljanovic, G., Vince, O., Wiita, P. J., Multi-band optical variability of three TeV Blazars on Diverse Timescales, 2016, *MNRAS*, **458**, 1127
1177. Li, Y.-T., Fu, S.-Y., Feng, H.-J., He, S.-L., Lin, C., Fan, J.-H., Costantin, D., Zhang, Y.-T., The Ratio of the Core to the Extended Emissions in the Comoving Frame for Blazars, 2017, *JA&A*, **38**, art. id. 22
1178. Zhang, Y.-H., Li, J.-C., Optical variability of the high synchrotron energy peaked blazar 1ES 1959+650 on various time-scales, 2017, *MNRAS*, **469**, 1682
1179. Li, X.-P., Luo, Y.-H., Yang, H.-Y., Yang, Ch., Cai, Y., Yang, H.-T., A Search for Quasi-periodic Oscillations in the Blazar 1ES 1959+650, 2017, *ApJ*, 847, art. no. 8
1180. Kapanadze, B., Sub-Hour X-Ray Variability of High-Energy Peaked BL Lacertae Objects, 2018, *Galaxies*, **6(1)**, 37
1181. Li, X.-P., Yang, H.-Y., Luo, Y.-H. Yang, Ch., Cai, Y., Yang, H.-T., Zhang, Li., Multicolour optical and near-infrared variability of the blazar PKS 2155–304 on diverse time-scales, 2018, *MNRAS*, **479**, 4073
1182. Zibecchi, L. C., Estudio del comportamiento del flujo óptico y de rayos X en blazares, 2018, Tesis Doctoral, Universidad Nacional de La Plata, Facultad de Ciencias Astronómicas y Geofísicas, Argentina
1183. Bhattacharya, D., Gulati, S., Stalin, C. S., Intra-night optical variability of misaligned active galaxies, 2019, *MNRAS*, **483**, 3382
1184. Kapanadze, B., BL Lacertae Objects: A Short Review, 2019, *Communications of BAO*, **66**, 121-142
1185. Ren, G.-W., Zhang, H.-J., Zhang, X., Ding, N., Yang, X., Li, F.-T., Yan, P.-L., Xu, X.-L., Detection of a high-confidence quasi-periodic oscillation in radio light curve of the high redshift FSRQ PKS J0805-0111, 2021, *RAA*, **21**, art. id. 75
1186. Goyal, A., Optical variability power spectrum analysis of blazar sources on intranight timescales, 2021, *ApJ*, **909**, art. id. 39
1187. Zhang, B.-K., Zhao, X.-Y., Wu, Q., Optical Spectral Variations of a Large Sample of Fermi Blazars, 2022, *ApJ Supp. Ser.*, **259**, art. id 49
1188. Fan, J.-H., Chen, K.-Y., Xiao, H.-B., Yang, W.-X. Liang, J.-C., Chen, G.-H., Yang, J.-H., Yuan, Y.-H., Wu, D.-X., The Classification of Blazars Candidates of Uncertain Types, 2022, *Universe*, **8(8)**, art. id. 436
1189. Dong, F., Gai, N., Tang, Y., Wang, Y.-F., Yi, T.-F., Evidence of quasi-periodic oscillation in the optical band of the blazar 1ES 1959+650, 2022, *RAA*, **22**, art. id. 115001
1190. Xiao, H., Fan, J., Ouyang, Z., Hu, L., Chen, G., Fu, L., Zhang, S., An extensive study of blazar broad emission line: Changing-look blazars and Baldwin effect, 2022, *ApJ*, **936**, art. id. 146
1191. Wang, G., Fan, J., Xiao, H., Cai, J., Variability and Spectral Behavior of Gamma-Ray Flares of 3C 279, 2022, *PASP*, **134**, art. id. 104101
1192. Xiao, H. B., Zhu, J. T., Fan, J. H., Pei, Z. Y., Luo, Z. J., Zhang, S. H., The jet apparent motion and central engine study of *Fermi* blazars, 2022, *MNRAS*, **517**, 4202–4212
1193. Reddy Pininti, V., Bhatta, G., Paul, S., Kumar, A., Rajgor, A., Barnwal, R., Gharat, S., Exploring Short-Term Optical Variability of Blazars Using TESS, 2023, *MNRAS*, **518**, 1459–1471
1194. Yoyponsan, R., Sawangwit, U., Komonjinda, S., Multi-frequency variabilities: blazar classification and statistical properties, 2023, *Journal of Physics: Conf. Ser.*, 2431, art. id.012095

1195. Agarwal, A., Mihov, B., Agrawal, V., Zola, S., Ozdonmez, A., Ege, E., Slavcheva-Mihova, L., Reichart, D. E., Caton, D. B., Das, A. K., Analysis of the intra-night variability of BL Lacertae during its August 2020 flare, 2023, *ApJ Suppl.*, **265**, art. id. 51
1196. Zhu, J. T., Lin, C., Xiao, H. B., Fan, J. H., Bastieri, D., Wang, G. G., Exploring TeV candidates of Fermi blazars through machine learning, 2023, *ApJ*, **950**, art. id. 123
1197. Özdönmez, A., Shortterm optical variability of 4C 29.45, 2023, *Turkish Journal of Physics*, **47**, 124-140
1198. Zhang, X., Gao, Q.-G., The Fundamental Plane of FSRQs with the Black Hole Spin-Mass Energy, 2023, *Ap&SS*, **368**, art. num. 69
1199. Wang, G., Xiao, H., Fan, J., Zhang, X., GeV Variability Properties of TeV Blazars Detected by Fermi-LAT, 2024, *ApJ Suppl.*, **270**, art. no. 22
1200. Sagar, R., Gopal-Krishna, Pathway to Devasthal Astronomical Observatory, ARIES, 2024, *Indian Journal of History of Science*, **59(1)**, 90-107
1201. Cao, H., Xiao, H., Luo, Z., Zeng, X., Fan, J., Identification of 4FGL uncertain sources at Higher Resolutions with Inverse Discrete Wavelet Transform, 2024, *ApJ*, **961**, art. id. 91
1202. Liu, L., Jiang, Y., Deng, J., Chen, Z., Ma, C., Unveiling the Emission and Variation Mechanism of Mrk 501: Using the Multi-Wavelength Data at Different Time Scale, 2024, *Universe*, **10(3)**, art. id.114
1203. Xiao, H., Yang, W., Zhang, Y., Zhang, S., Fan, J., Fu, L., Yang, J., A Study of Particle Acceleration in Blazar Jets, 2024, *ApJ*, **966**, art. id. 99
1204. McCall, C., Jermak, H., Steele, I. A., Agudo, I., Barres de Almeida, U., Hovatta, T., Lamb, G. P., Lindfors, E., Mundell, C., Distinguishing radiation mechanisms and particle populations in blazar jets through long-term multi-band monitoring with RINGO3 and Fermi, 2024, *MNRAS*, accepted
- Larionov, V. M., Villata, M., Raiteri, C. M., Jorstad, S. G., Marscher, A. P., Agudo, I., Smith, P. S., Acosta-Pulido, J. A., Arévalo, M. J., Arkharov, A. A., Bachev, R., Blinov, D. A., Borisov, G., Borman, G. A., Bozhilov, V., Bueno, A., Carnerero, M. I., Carosati, D., Casadio, C., Chen, W. P., Clemens, D. P., Di Paola, A., Ehgamberdiev, Sh. A., Gómez, J. L., González-Morales, P. A., Griñón-Marín, A., Grishina, T. S., Hagen-Thorn, V. A., Ibryamov, S., Itoh, R., Kopatskaya, E. N., Koptelova, E., Lázaro, C., Larionova, E. G., Larionova, L. V., Manilla-Robles, A., Metodieva, Y., Milanova, Yu. V., Mirzaqulov, D. O., Molina, S. N., Morozova, D. A., Nazarov, S. V., Ovcharov, E., Peneva, S., Ros, J. A., Sadun, A. C., Savchenko, S. S., Semkov, E., Sergeev, S. G., Strigachev, A., Troitskaya, Yu. V., Troitsky, I. S., Exceptional outburst of the blazar CTA 102 in 2012: The GASP-WEBT campaign and its extension, 2016, *MNRAS*, **461**, 3047
1205. Moody, J., Whipple, P., Hindmann, L., Van Alfen, N., Barnes, J., Ducharme, N. A., Rivest III, L. J., Osborne, M. D., Holden, M., Pace, C., Pearson III, R. L., Little, B., Hintz, E., Automated Polarimetry with Smaller Aperture Telescopes: The ROVOR Observatory, 2017, *Galaxies*, **5**, art. id. 70
1206. Zacharias, M., Böttcher, M., Jankowsky, F., Lenain, J.-P., Wagner, S. J., Wierzecholska, A., Cloud ablation by a relativistic jet and the extended flare in CTA 102 in 2016 and 2017, 2017, *ApJ*, **851**, art. id. 72
1207. Li, X., Mohan, P., An, T., Hong, X., Cheng, X., Yang, J., Zhang, Y., Zhang, Zh., Zhao, W., Imaging and variability studies of CTA~102 during the 2016 January γ -ray flare, 2018, , *ApJ*, **854**, art. id. 17
1208. Jiang, N., Intraday Mid-infrared Variability of CTA 102 During Its 2016 Giant Outburst, 2018, *RNAAS*, **2**, art. id. 134
1209. Prince, R., Raman, G., Hahn, J., Gupta, N., Majumdar, P., Fermi-Large Area Telescope observations of the brightest Gamma-ray flare ever detected from CTA 102, 2018, *ApJ*, **866**, art. id. 16
1210. Kaur, N., Baliyan, K. S., CTA 102 in exceptionally high state during 2016-17, 2018, *A&A*, **617**, art. id. A59

1211. Patel, S. R., Chitnis, V. R., Shukla, A., Rao, A. R., Nagare, B. J., Temporal variability and estimation of jet parameters for Ton 599, 2018, *ApJ*, **886**, art. id. 102
1212. Zacharias, M., Blazar variability - expect the unexpected, 2018, High Energy Astrophysics in Southern Africa, *PoS*, **338**, art. id. 33
1213. Zacharias, M., Böttcher, M., Jankowsky, F., Lenain, J.-P., Wagner, S., Wiercholska, A., The extended flare in CTA 102 in 2016 and 2017 within a hadronic model through cloud ablation by the relativistic jet, 2019, *ApJ*, **871**, art. id. 19
1214. Böttcher, M., Progress in Multi-wavelength and Multi-Messenger Observations of Blazars and Theoretical Challenges, 2019, *Galaxies*, **7(1)**, art. id. 20
1215. Prince, R., Multi-frequency variability study of Ton 599 during high activity of 2017, 2019, *ApJ*, **871**, art. id. 101
1216. Liodakis, I., Romani, R. W., Filippenko, A. V., Kocevski, D., Zheng, W., Probing Blazar Emission Processes with Optical/Gamma-ray Flare Correlations, 2019, *ApJ*, **880**, art. id. 32
1217. Prince, R., Gupta, N., Nalewajko, K., Two-zone emission modeling of PKS 1510-089 during the high state of 2015, 2019, *ApJ*, **883**, art. id. 137
1218. Zacharias, M., Boettcher, M., Jankowsky, F., Lenain, J. -P., Wagner, S. J., Wiercholska, A., CTA 102 -- year over year receiving you, in "High Energy Phenomena in Relativistic Outflows VII - HEPRO VII", 9-12 July 2019, Barcelona, Spain, 2019, *Proceedings of Science*, **354**, art. id. 025
1219. Prince, R., Broadband variability and correlation study of 3C 279 during flare of 2017-2018, 2020, *ApJ*, **890**, art. id. 164
1220. Chavushyan, V., Patiño-Álvarez, V. M., Amaya-Almazán, R. A., Carrasco, L., Flare-like Variability of the Mg II $\lambda\lambda 2798$ Å Emission Line and UV Fe II band in the Blazar CTA 102, 2020, *ApJ*, **891**, art. id. 68
1221. Cohen, M. H., Savolainen, T., 180° Rotations in the Polarization Angle for Blazars, 2020, *A&A*, **636**, A79
1222. Das, Avik Kumar, Prince, R., Gupta, N., Gamma-Ray Flares in Long Term Light Curve of 3C 454.3, 2020, *ApJ Supp.*, **248**, art. id. 8
1223. Zhang, H.-M., Wang, Z.-J., Zhang, J., Yi, T.-F., Chen, L., Lu, R.-J., Liang, E.-W., Diversity of gamma-ray and Radio Variabilities of Bright Blazars and Implications for gamma-ray Emission Location, 2020, *PASJ*, **72**, art. id. 44
1224. Sarkar, A., Kushwaha, P., Gupta, A. C., Chitnis, V. R. Wiita, P. J., Multi-waveband quasi-periodic oscillations in the light curves of blazar CTA 102 during its 2016-2017 optical outburst, 2020, *A&A*, **642**, A129
1225. Prince, Raj, Multi-wavelength Data Analysis and Theoretical Modeling of Blazar Flares, Ph.D. Thesis, 2020, Jawaharlal Nehru University, New Delhi, India
1226. Prince, R., Khatoon, R., Stalin, C. S., Broadband study of OQ 334 during its flaring state, 2021, *MNRAS*, **502**, 5245–5258
1227. Dmytriiev, A., Sol, H., Zech, A., Connecting steady emission and Very High Energy flaring states in blazars: the case of Mrk 421, 2021, *MNRAS*, **505**, 2712-2730
1228. Das, A. K., Prince, R., Gupta, N., Multi wavelength study of 4C+28.07, 2021, *ApJ*, **920**, art. id. 117
1229. Duda, J., Bhatta, G., Gamma-ray Blazar variability: New statistical methods of time-flux distributions, 2021, *MNRAS*, **508**, 1446–1458
1230. Khatoon, R., Prince, R., Shah, Z., Sahayanathan, S., Gogoi, R., Temporal and spectral study of PKS 0208-512 during 2019-2020 flare, 2022, *MNRAS*, **513**, 611–623
1231. Geng, X., Ding, N., Cao, G., Liu, Y., Bao, B., Chidiac, C., Kushwaha, P., Shah, Z., Zhang, Z., Yang, X., Wen, T., Jiang, Z., Zhang, L., Zeng, W., Wu, X., Qin, Y., Zhou, M., Dai, B., Exploring γ -Ray Flares in the Long-term Light Curves of CTA 102 at GeV Energies, 2022, *ApJ Suppl.*, **260**, art. id. 48
1232. Das, A. K., Mondal, S. K., Prince, R., Gamma-ray flares and broadband spectral study of PKS 0402-362, 2023, *MNRAS*, **521**, 3451–3474

1233. Bora, H., Khatoon, R., Misra, R., Gogoi, R., Estimating the Jet Power from Broadband SED modeling of Mkn 501 for different particle distributions, 2024, *MNRAS*, **529**, 4433–4441
1234. Dmytriiev, A., Böttcher, M., Effects of non-continuous inverse Compton cooling in blazars, 2024, *A&A*, accepted
- Zamanov, R., Semkov, E., Stoyanov, K., Tomov, T., UVB observations of the flickering of T CrB, 2016, *ATel*, **8675**, 1
1235. Linford, J., Weston, J., Chomiuk, L., Sokoloski, J., Nelson, T., Mukai, K., Finzell, T., Rupen, M., Mioduszewski, A., VLA Observations of T CrB Reveal Increase in Radio Flux Density Between 2014 and 2016, 2016, *ATel*, **9153**, 1
1236. Luna, G. J. M., Mukai, K., Sokoloski, J. L., Nelson, T., Kuin, P., Segreto, A., Cusumano, G., Jaque Arancibia, M., Nunez, N. E., Dramatic change in the boundary layer in the symbiotic recurrent nova T Coronae Borealis, 2018, *A&A*, **619**, A61
1237. Linford, J. D., Chomiuk, L., Sokoloski, J. L., Weston, J. H. S., van der Horst, A. J., Mukai, K., Barrett, P., Mioduszewski, A. J., Rupen, M., T CrB: Radio Observations during the 2016–2017 “Super-active” State, 2019. *ApJ*, **884**, art. id. 8
1238. Shore, S. N., Teyssier, F., Persistent flickering of T CrB during the high activity state pre-nova outburst phase, 2023, *ATel*, **15916**, 1
1239. Munari, U., The “Super-Active” Accretion Phase of T CrB has Ended, 2023, *Res. Notes AAS*, **7**, art. id. 145
1240. Shore, S. N., Teyssier, F., Persistent flickering of T CrB during the high activity state pre-nova outburst phase, 2023, *ATel*, **15916**, 1
1241. Maslennikova, N. A., Tatarnikov, A. M., Tatarnikova, A. A., Dodin, A. V., Shenavrin, V. I., Burlak, M. A., Zheltoukhov, S. G., Strakhov I. A., Recurrent Symbiotic Nova T Coronae Borealis Before Outburst, 2023, *Astr. Lett.*, **49**, 501-515
1242. Merc, J., Beck, P. G., Mathur, S., García, R. A., Accretion-induced flickering variability among symbiotic stars from space photometry with NASA TESS, 2024, *A&A*, **683**, A84
- Bachev, R., Strigachev, A., Semkov, E., Muñoz Dimitrova, R. V., Latev, G., Spassov, B., Petrov, B., The Extremes in Intra-Night Blazar Variability: The S4 0954+65 Case, 2016, *Galaxies 2016*, **4(3)**, 13
1243. González Pérez, J. N., Systematic study of the rapid optical-NIR variability of blazars and other AGNs, 2018, PhD Dissertation, Department Physik, Universität Hamburg, Gemany
- Ibryamov, S., Semkov, E., Significant increase in the optical brightness of V2492 Cyg, 2017, *ATel*, **10170**; 1
1244. Munari, U., Traven, G., Dallaporta, S., Lorenzetti, D., Giannini, T., Antonucci, S., High resolution spectroscopy of the young eruptive star V2492 Cyg currently peaking at record brightness, 2017, *ATel*, **10183**, 1
1245. Froebrich, D., Campbell-White, J., Zegmott, T., Billington, S. J., Makin, S. V., Donohoe, J., Optical brightness and colours of V2492Cyg before, during and after the recent record peak in brightness, 2017, *ATel*, **10259**, 1
1246. Waagen, E. O., V2492 Cyg monitoring requested in support of XMM observations, 2017, *AAVSO Alert Notice*, **573**, 1
1247. Giannini, T., Munari, U., Antonucci, S., Lorenzetti, D., Arkharov, A. A., Dallaporta, S., Rossi, A., Traven, G., The 2016-2017 peak luminosity of the pre-main sequence variable V2492 Cygni, 2018, *A&A*, **611**, A54
1248. Jurdana-Šepić, R., Munari, U., Antonucci, S., Giannini, T., Lorenzetti, D., Towards a better classification of unclear eruptive variables: the cases of V2492 Cyg, V350 Cep, and ASASSN-15qi, 2018, *A&A*, **614**, A9
1249. Froebrich, D., Campbell-White, J., Scholz, A., Eisloffel, J., Zegmott, T., Billington, S. J., Donohoe, J., Makin, S. V., Hibbert, R., Newport, R. J., Pickard, R., Quinn, N., Rodda, T., Piehler,

G., Shelley, M., Parkinson, S., Wiersema, K., Walton, I., A survey for variable young stars with small telescopes: First results from HOYS-CAPS, 2018, *MNRAS*, **478**, 5091

Raiteri, C. M., Nicastro, F., Stamerra, A., ..., Semkov, E. et al., Synchrotron emission from the blazar PG 1553+113. An analysis of its flux and polarization variability, 2017, *MNRAS*, **466**, 3762

1250. Caproni, A., Abraham, Z., Motter, J. C., Monteiro, H., Jet precession driven by a supermassive black hole binary system in the BL Lac object PG 1553+113, 2017, *ApJ Lett.*, **851**, art. id. L39

1251. Fan, J. H., Tao, J., Liu, Y., Yuan, Y. H., Sawangwit, U., Yang, J. H., Huang, Y., Zhang, Y. T., Zhang, J. Y., Zhang, L. X., Zhu, J. T., Optical Photometric Monitoring for 3C 66A during 1996–2009 and Its Periodicity Analysis, 2018, *AJ*, **155**, article id. 90

1252. Righi, C., Tavecchio, F., Pacciani, L., A multiwavelength view of BL Lacs neutrino candidates, 2019, *MNRAS*, **484**, 2067

1253. Pandey, A., Gupta, A. C., Wiita, P. J., Tiwari, S. N., Optical Flux and Spectral Variability of the TeV blazar PG 1553+113, 2019, *ApJ*, **871**, art. id. 192

1254. Zhang, L., Fan, J., Zhu, J., Radio loudness and classification for radio sources, 2021, *PASJ*, **73**, 313–325

1255. Dhiman, V., Gupta, A. C., Gaur, H., Wiita, P. J., Multi-band Variability of the TeV Blazar PG 1553+113 with XMM-Newton, 2021, *MNRAS*, **506**, 1198–1208

1256. Chen, Y., Yi, T., Chen, J., Lu, H., Shen, Y., Wang, J., Wang, L., Zhang, S., Mao, L., Dong, L., Revisiting the quasi-periodic oscillations in blazar PG 1553+113 with multi-wavebands data, 2024, *New Astronomy*, **108**, art. id. 102186

1257. Adhikari, S., Penil, P., Westernacher-Schneider, J. R., Dominguez, A., Ajello, M., Buson, S., Rico, A., Zrake, J., Constraining the PG 1553+113 Binary Hypothesis: Interpreting Hints of a New, 22 yr Period, 2024, *ApJ*, **965**, art. id. 124

Bachev, R., Popov, V., Strigachev, A., Semkov, E., Ibryamov, S., Spassov, B., Latev, G., Muñoz Dimitrova, R. V., Boeva, S., Intra-night variability of the blazar CTA 102 during its 2012 and 2016 giant outbursts, 2017, *MNRAS*, **471**, 2216

1258. Zacharias, M., Böttcher, M., Jankowsky, F., Lenain, J.-P., Wagner, S. J., Wierzcholska, A., Cloud ablation by a relativistic jet and the extended flare in CTA 102 in 2016 and 2017, 2017, *ApJ*, **851**, art. id. 72

1259. Gupta, A. C., Multi-wavelength Intra-day Variability and Quasi-periodic Oscillation in Blazars, 2018, *Galaxies*, **6(1)**, art. id. 1

1260. Shukla, A., Mannheim, K., Patel, S. R., Roy, J., Chitnis, V. R., Dorner, D., Rao, A. R., Anupama, G. C., Wendel, C., Short-timescale γ -Ray Variability in CTA 102, 2018, *ApJ Lett.*, **854**, art. id. L26

1261. Kaur, N., Baliyan, K. S., Chandra, S., Sameer, G. S., Optical variability in IBL S5 0716+714 during the 2013-2015 outburst, 2018, *AJ*, **156**, art. id. 36

1262. Jiang, N., Intraday Mid-infrared Variability of CTA 102 During Its 2016 Giant Outburst, 2018, *RNAAS*, **2**, art. id. 134

1263. Prince, R., Raman, G., Hahn, J., Gupta, N., Majumdar, P., Fermi-Large Area Telescope observations of the brightest Gamma-ray flare ever detected from CTA 102, 2018, *ApJ*, **866**, art. id. 16

1264. Kaur, N., Baliyan, K. S., CTA 102 in exceptionally high state during 2016-2017, 2018, *A&A*, **617**, art. id. A59

1265. González Pérez, J. N., Systematic study of the rapid optical-NIR variability of blazars and other AGNs, 2018, PhD Dissertation, Department Physik, Universität Hamburg, Germany

1266. Zacharias, M., Blazar variability - expect the unexpected, 2018, High Energy Astrophysics in Southern Africa, *PoS*, **338**, art. id. 33

1267. Zacharias, M., Böttcher, M., Jankowsky, F., Lenain, J.-P., Wagner, S., Wiercholska, A., The extended flare in CTA 102 in 2016 and 2017 within a hadronic model through cloud ablation by the relativistic jet, 2019, *ApJ*, **871**, art. id. 19

1268. Zacharias, M., Böttcher, M., Jankowsky, F., Lenain, J.-P., Wagner, S. J., Wiercholska, A., The Long-Lasting Activity in the Flat Spectrum Radio Quasar (FSRQ) CTA~102, 2019, *Galaxies*, **7**, 34

1269. Chavushyan, V., Patiño-Álvarez, V. M., Amaya-Almazán, R. A., Carrasco, L., Flare-like Variability of the Mg II $\lambda\lambda 2798$ Å Emission Line and UV Fe II band in the Blazar CTA 102, 2020, *ApJ*, **891**, art. id. 68

1270. Prince, Raj, Multi-wavelength Data Analysis and Theoretical Modeling of Blazar Flares, Ph.D. Thesis, 2020, Jawaharlal Nehru University, New Delhi, India

1271. Morokuma, T., Utsumi, Y., Ohta, K., et al., Follow-up Observations for IceCube-170922A: Detection of Rapid Near-Infrared Variability and Intensive Monitoring of TXS 0506+056, 2021, *PASJ*, **73**, 25–43

1272. Agarwal, A., Mihov, B., Agrawal, V., Zola, S., Ozdonmez, A., Ege, E., Slavcheva-Mihova, L., Reichart, D. E., Caton, D. B., Das, A. K., Analysis of the intra-night variability of BL Lacertae during its August 2020 flare, 2023, *ApJ Suppl.*, **265**, art. id. 51

Semkov, E. H., Peneva, S. P., Ibryamov, S. I., Photometric and spectroscopic study of the new FUor star V2493 Cyg, 2017, *BlgAJ*, **26**, 57-66

1273. Hillenbrand, L. A., Miller, A. A., Carpenter, J. M., Kasliwal, M. M., Isaacson, H., Tang, S., Joshi, V., Banerjee, D. P. K., Cutri, R., PTF 14jg: The Remarkable Outburst and Post-Burst Evolution of a Previously Anonymous Galactic Star, 2019, *ApJ*, **874**, art. id. 82

1274. Siwak, M., Hillenbrand, L. A., Kóspál, Á., Ábrahám, P., Giannini, T., De, K., Moór, A., Szilágyi, M., Janík, J., Koen, C., Park, S., Nagy, Z., Cruz-Sáenz de Miera, F., Fiorellino, E., Marton, G., Kun, M., Lucas, P. W., Udalski, A., Szabó, Z. M., Gaia21bty: An EXor lightcurve exhibiting an FUor spectrum, 2023, *MNRAS*, **524**, 5548–5565

Semkov, E., Ibryamov, S., Peneva, S., A deep decrease event in the brightness of the PMS star V350 Cep, 2017, *BlgAJ*, **27**, 75-82

1272. Jurdana-Šepić, R., Munari, U., Antonucci, S., Giannini, T., Lorenzetti, D., Towards a better classification of unclear eruptive variables: the cases of V2492 Cyg, V350 Cep, and ASASSN-15qi, 2018, *A&A*, **614**, A9

1276. Froebrich, D., Campbell-White, J., Scholz, A., Eisloffel, J., Zegmott, T., Billington, S. J., Donohoe, J., Makin, S. V., Hibbert, R., Newport, R. J., Pickard, R., Quinn, N., Rodda, T., Piehler, G., Shelley, M., Parkinson, S., Wiersema, K., Walton, I., A survey for variable young stars with small telescopes: First results from HOYS-CAPS, 2018, *MNRAS*, **478**, 5091

1277. Siwak, M., Drózdź, M., Gut, K., Winiarski, M., Ogłóza, W., Stachowski, G. Mount Suhora High Cadence Photometric Survey of T Tauri-Type Stars, 2019, *AcA*, **69**, 227-260

1278. Hillenbrand, L. A., Reipurth, B., Connelley, M., Cutri, R. M., Isaacson, H., Gaia 19ajj: A Young Star Brightening Due to Enhanced Accretion + Reduced Extinction, 2019, *AJ*, **158**, art. id. 240

1279. Andriasyan, H. R., Magakian, T. Y., Movsessian, T. A., Moiseev, A. V., PV CEP and V350 CEP: Stars on the Way between FUors and EXors, 2021, *Astrophysics*, **64**, 187-202

1280. Andriasyan, H., The investigation of young eruptive stars, 2021, PhD thesis, Byurakan Astrophysical Observatory, Byurakan, Armenia

1281. Giannini, T., Giunta, A., Gangi, M., Carini, R., Lorenzetti, D., Antonucci, S., Garatti, A. C. o, Cassarà, L., Nisini, B., Rossi, A., Testa, V., Vitali, F., EXORCISM: a spectroscopic survey of young eruptive variables (EXor and candidates), 2022, *ApJ*, **929**, art. id. 129

1282. Magakian, T. Yu., Movsessian, T. A., Andriasyan, H. R., FUors, EXors, and the role of intermediate objects, 2022, *Acta Astrophysica Taurica*, **3(3)**, 4-7

- Semkov, E., Peneva, S., Ibryamov, S., Optical light curves of FUor and FUor-like objects, 2017, *Astroinformatics*, IAU Symposium, **302**, 266-269
1283. Ábrahám, P., Kóspál, Á., Kun, M., Fehér, O., Zsidi, G., Acosta-Pulido, J. A., Carnerero, M. I., García-Álvarez, D., Moór, A., Cseh, B., Hajdu, G., Hanyecz, O., Kelemen, J., Kriskovics, L., Marton, G., Mező, Gy., Molnár, L., Ordasi, A., Rodríguez-Coira, G., Sárneczky, K., Sódor, Á., Szakáts, R., Szegedi-Elek, E., Szing, A.; Farkas-Takács, A., Vida, K., Vinkó, J., An UXor among FUors: Extinction-related Brightness Variations of the Young Eruptive Star V582 Aur, 2018, *ApJ*, **853**, art. id. 28
- Gaur, H., Gupta, A. C., Bachev, R., Strigachev, A., Semkov, E., Wiita, P. J. Gu, M. F., Ibryamov, S., Multi-band Intra-night Optical Variability of BL Lacertae, 2017, *Galaxies*, **5(4)**, art. id. 94
1284. González Pérez, J. N., Systematic study of the rapid optical-NIR variability of blazars and other AGNs, 2018, PhD Dissertation, Department Physik, Universität Hamburg, Gemany
1285. Morokuma, T., Utsumi, Y., Ohta, K., et al., Follow-up Observations for IceCube-170922A: Detection of Rapid Near-Infrared Variability and Intensive Monitoring of TXS 0506+056, 2021, *PASJ*, **73**, 25–43
1286. Li, T., Wu, J.-H., Meng, N.-K., Dai, Y., Zhang, X.-Y., Intra-day variability of BL Lacertae from 2016 to 2018, 2021, *RAA*, **21**, art. id. 259
- Gupta, A. C., Agarwal, A., Mishra, A., Gaur, H., Wiita, P. J., Gu, M. F., Kurtanidze, O. M., Damljanovic, G., Uemura, M., Semkov, E., Strigachev, A., Bachev, R., Vince, O., Zhang, Z., Villarroel, B., Kushwaha, P., Pandey, A., Abe, T., Chanishvili, R., Chigladze, R. A., Fan, J. H., Hirochi, J., Itoh, R., Kanda, Y., Kawabata, M., Kimeridze, Ga., O. Kurtanidze, N. S., Latev, G., Muñoz Dimitrova, R. V., Nakaoka, T., Nikolashvili, M. G., Shiki, K., Sigua, L. A., Spassov, B., Multiband optical variability of the blazar OJ 287 during its outbursts in 2015 – 2016, 2017, *MNRAS*, **465**, 4423
1287. Zeng, W., Zhao, Q.-J., Jiang, Z.-J., Kong, Z.-H., Liu, Z., Wang, D.-D., Geng, X.-F., Yang, S.-B., Dai, B.-Z., Intra-Night Variability of OJ 287 with Long-Term Multiband Optical Monitoring, 2017, *Galaxies*, **5(4)**, art. id. 85
1288. Fan, J. H., Tao, J., Liu, Y., Yuan, Y. H., Sawangwit, U., Yang, J. H., Huang, Y., Zhang, Y. T., Zhang, J. Y., Zhang, L. X., Zhu, J. T., Optical Photometric Monitoring for 3C 66A during 1996–2009 and Its Periodicity Analysis, 2018, *AJ*, **155**, article id. 90
1289. Li, X.-P., Wang, L.-S., Yang, C., Yang, H.-Y., Zhou, L., Xu, G.-Y., Shan, Y.-Q., Liu, J., Luo, Y.-H., Zhang, L., Multiband optical-IR variability of the blazar PKS 0537–441, 2018, *JA&A*, **39**, art. id. 30
1290. Li, X.-P., Yang, H.-Y., Luo, Y.-H. Yang, Ch., Cai, Y., Yang, H.-T., Zhang, Li., Multicolour optical and near-infrared variability of the blazar PKS 2155–304 on diverse time-scales, 2018, *MNRAS*, **479**, 4073
1291. Li, X.-P., Luo, Y.-H., Yang, H.-T., Yang, H.-Y., Yang, C., Cai, Y., Long-term optical color behavior of a sample of blazars, 2018, *RAA*, **18**, art. id. 150
1292. González Pérez, J. N., Systematic study of the rapid optical-NIR variability of blazars and other AGNs, 2018, PhD Dissertation, Department Physik, Universität Hamburg, Gemany
1293. Zeng, W., Hu, W., Zhang, G.-M., Wen, T., Yang, S.-B., Geng, X.-F., Wu, X.-H., Zhou, X.-Z., Dai, B.-Z., Minute-scale Rapid Variability of Mrk 501 by Multi-Band, Photometric Monitoring from 2010 to 2017, 2019, *PASP*, **131**, art. id. 074102
1294. Jovanovic, M. D., Optical variability of some quasars important to ICRF-GAIA CRF link, 2019, *SAJ*, **199**, 55-64
1295. Yang, X., Yi, T., Zhang, Y., Li, H., Mao, L., Zhang, H., Ma, L., The γ -Ray and Optical Variability Analysis of the BL Lac Object 3FGL J0449.4–4350, 2020, *PASP*, **132**, art. id. 044101
1296. Fatima, S., Anam, P.M.K., Vierdayanti, K., A long hard look on multiwavelength properties of blazar OJ 287, 2021, *Ap&SS*, **366**, art. id. 37

1297. Li, X.-P., Yang, H.-Y., Cai, Y., Lähteenmäki, A., Tornikoski, M., Tammi, J., Suutarinen, S., Yang, H.-T., Luo, Y.-H., Wang, L.-S., Radio and γ -Ray Variability in Blazar S5 0716+714: A Year-like Quasi-periodic Oscillation in the Radio Light Curve, 2023, *ApJ*, **943**, art. id. 157
1298. Zwick, L., Mayer, L., Relativistic binary-disc dynamics and OJ-287's flares: New parameter posteriors and future timing predictions, 2023, *MNRAS*, **526**, 2754–2764
- Gupta, A. C., Mangalam, A., Wiita, P. J., Kushwaha, P., Gaur, H., Zhang, H., Gu, M. F., Liao, M., Dewangan, G., Ho, L. C., Mohan, P., Umeura, M., Sasada, M., Volvach, A. E., Agarwal, A., Aller, M. F., Aller, H. D., Bachev, R., Lahteenmaki, A., Semkov, E., Strigachev, A., Tornikoski, M., Volvach, L. N., A peculiar multi-wavelength flare in the Blazar 3C 454.3, 2017, *MNRAS*, **472**, 788
1299. Rajput, B., Stalin, C. S., Sahayanathan, S., Rakshit, S., Mandal, A. K., Temporal correlation between the optical and gamma-ray flux variations in the blazar 3C 454.3, 2019, *MNRAS*, **486**, 1781–1795
1300. Fan, J.-H., Yuan, Y.-H., Wu, H., Wang, F., Tao, J., Gu, M.-F., Simultaneous Optical g, r, i Monitoring and IDV Periodic Analysis for the Quasar 3C 454.3, 2019, *RAA*, **19**, art. id. 142
1301. Titarchuk, L., Seifina, E., Chekhtma, A., Ocampo, I., Spectral index-mass accretion rate correlation and evaluation of black hole masses in AGNs 3C 454.3 and M87, 2020, *A&A*, **633**, A73
1302. Cohen, M. H., Savolainen, T., 180° Rotations in the Polarization Angle for Blazars, 2020, *A&A*, **636**, A79
1303. Das, Avik Kumar, Prince, R., Gupta, N., Gamma-Ray Flares in Long Term Light Curve of 3C 454.3, 2020, *ApJ Supp.*, **248**, art. id. 8
1304. Joshi, M., Marscher, A. P., Böttcher, M., Impact of Ordered and Disordered Magnetic Fields on Multiwavelength Emission of Blazars, 2020, *ApJ*, **898**, art. id. 11
1305. Tarnopolski, M., Żywucka, N., Marchenko, V., Pascual-Granado, J., A Comprehensive Power Spectral Density Analysis of Astronomical Time Series I: The Fermi-LAT Gamma-Ray Light Curves of Selected Blazars, 2020, *ApJS*, **250**, art. id. 1
1306. Istomin, Ya. N., Gunya, A. A., Acceleration of a high energy proton in an AGN relativistic jet, 2020, *Phys. Rev. D*, **102**, id. 043010
1307. Punsly, B., Marziani, P., Berton, M., Kharb, P., The Extreme Red Excess in Blazar Ultraviolet Broad Emission Lines, 2020, *ApJ*, **903**, art. id. 44
1308. Zhou, B., Dai, B., Yang, J., Long-term multiband correlation study and spectral energy distribution modeling of blazar 3C 454.3, 2021, *PASJ*, **73(4)**, 850–863
1309. Guise, E., Hönig, S. F., Almeyda, T., et al., Multi-wavelength Optical and NIR Variability Analysis of the Blazar PKS 0027-426, 2022, *MNRAS*, **510**, 3145–3177
1310. Banerjee, A., Nandi, P., Prince, R., Khatoun, R., Bose, D., Broadband Spectro-temporal Study on Blazar TXS 1700+685, 2022, *MNRAS*, **515**, 4675–4684
1311. Chand, K., Gopal-Krishna, Persistence of blazar state in flat-spectrum radio quasars, 2022, *MNRAS Lett.*, **516**, L18–L23
1312. Guise, E., Probing the Inner Regions of Active Galactic Nuclei through Variability Analysis, 2022, PhD thesis, University of Southampton, Faculty of Engineering and Physical Sciences School of Physics and Astronomy, UK
1313. Chand, K., Gopal-Krishna, Omar, A., Chand, H., Bisht, P. S., The transience and persistence of high optical polarization state in beamed radio quasars, 2023, *PASA*, **40**, art. id. e006
1314. Otero-Santos, J., Acosta-Pulido, J. A., Becerra González, J., Raiteri, C. M., Carnerero, M. I., Castro Segura, N., González-Martín, O., Luashvili, A., Variability and evolution of the optical polarization of a sample of gamma-ray blazars, 2023, *MNRAS*, **523**, 4504–4519
1315. Vlasyuk, V. V., Sotnikova, Yu. V., Volvach, A. E., et al., Optical and Radio Variability of the Blazar S4 0954+658, 2024, *Astrophysical Bulletin*, **78**, N4, 487–511

- Carnerero, M. I., Raiteri, C. M., Villata, M., ..., Semkov, E. et al., Dissecting the long-term emission behaviour of the BL Lac object Mrk 421, 2017, *MNRAS*, **472**, 3789
1316. Kapanadze, B., Vercellone, S., Romano, P., Hughes, P., Aller, M., Aller, H., Kharshiladze, O., Tabagari, L., Swift Observations of Mrk 421 in Selected Epochs. II. An Extreme Spectral Flux Variability in 2009–2012, 2018, *ApJ*, **858**, art. id. 68
1317. Costamante, L., Bonnoli, G., Tavecchio, F., Ghisellini, G., Tagliaferri, G., Khangulyan, D., The NuSTAR view on Hard-TeV BL Lacs, 2018, *MNRAS*, **477**, 4257
1318. Tavecchio, F., Landoni, M., Sironi, L., Coppi, P., Probing dissipation mechanisms in BL Lac jets through X-ray polarimetry, 2018, *MNRAS*, **480**, 2872
1319. Kaur, N., Baliyan, K. S., CTA 102 in exceptionally high state during 2016-2017, 2018, *A&A*, **617**, art. id. A59
1320. Friedman, A. S., Leon, D., Crowley, K. D., Johnson, D., Teply, G., Tytler, D., Keating, B. G., Cole, G. M., Constraints on Lorentz Invariance and CPT Violation using Optical Photometry and Polarimetry of Active Galaxies BL Lacertae and S5 B0716+714, 2019, *Phys. Rev. D*, **99**, 035045
1321. Yuan, Yu-hai, Relations between the Spectral Indices and Flux Densities of Eight Blazars, 2019, *Advances in Astronomy*, **Volume 2019**, Art. ID 8041087
1322. Liu, H., Luo, B., Brandt, W. N., Brotherton, M. S., Du, P., Gallagher, S. C., Hu, C., Shemmer, O., Wang, J.-M., SDSS J075101.42+291419.1: A Super-Eddington Accreting Quasar with Extreme X-ray Variability, 2019, *ApJ*, **878**, art. id. 79
1323. Singh, K. K., Meintjes, P. J., van Soelen, B., Ramamonjisoa, F. A., Vaidya, B., Optical polarization properties of February 2010 outburst of the blazar Mrk 421, 2019, *Ap&SS*, **364**, art. id. 88
1324. Hervet, O., Williams, D. A., Falcone, A. D., Kaur, A., Probing an X-Ray Flare Pattern in Mrk 421 Induced by Multiple Stationary Shocks: A Solution to the Bulk Lorentz Factor Crisis, 2019, *ApJ*, **877**, art. id. 26
1325. Hovatta, T., Lindfors, E., Relativistic Jets of Blazars, 2019, *New Astronomy Reviews*, **87**, art. id. 101541
1326. Ni, Q., Brandt, W. N., Yi, W., Luo, B., Timlin, J. D., III, Hall, P. B., Liu, H., Plotkin, R. M., Shemmer, O., Vito, F., Wu, J., An Extreme X-ray Variability Event of a Weak-Line Quasar, 2020, *ApJL*, **889**, L37
1327. Kapanadze, B., Gurchumelia, A., Dorner, D., Vercellone, S., Romano, P., Hughes, P., Aller, M., Aller, H., Kharshiladze, O., Swift Observations of Mrk 421 in Selected Epochs. III. Extreme X-Ray Timing/Spectral Properties and Multiwavelength Lognormality during 2015 December–2018 April, 2020, *ApJ Suppl.*, **247**, art. id. 27
1328. Leon, D., Using Cosmological Observations to Search for New Physics and Study the Structure of the Universe, 2020, PhD dissertation, University of California, San Diego, USA
1329. Tarnopolski, M., Żywucka, N., Marchenko, V., Pascual-Granado, J., A Comprehensive Power Spectral Density Analysis of Astronomical Time Series I: The Fermi-LAT Gamma-Ray Light Curves of Selected Blazars, 2020, *ApJS*, **250**, art. id. 1
1330. Timlin, J. D., Brandt, W. N., Zhu, S., Liu, H., Luo, B., Ni, Q., The frequency of extreme X-ray variability of radio-quiet quasars, 2020, *MNRAS*, **498**, 4033–4050
1331. Arbet-Engels, A., The broadband behaviour of bright TEV gamma-ray emitting blazars, 2021, PhD thesis, Swiss Federal Institute of Technology, Zürich, Switzerland
1332. Gokus, A., Kreikenbohm, A., Leiter, K., et al., Multi-wavelength study of Mrk 421 during a TeV flare, 2021, *Proceedings of Science*, ICRC2021, **335**, id. 869
1333. Ni, Qingling, Active Galactic Nuclei Studies in Cosmic X-ray Survey Fields, 2021, PhD thesis, The Pennsylvania State University, USA
1334. Pineda, M. M. C., Estudio de Correlaciones en los Flujos Observados en Óptico, Radio y Rayos-gamma del Blazar Mrk 421, 2022, PhD Thesis, Escuela de Ciencias Físicas y Matemáticas, Universidad de San Carlos de Guatemala, Guatemala
1335. Pastor Yabar, A., Asensio Ramos, A., Manso Sainz, R., Collados, M., Polarimetric characterization of segmented mirrors, 2022, *Applied Optics*, **61(16)**, 4908-4918

1336. Mondal, S., Rani, P., Stalin, C. S., Chakrabarti, S. K., Rakshit, S., Flux and spectral variability of Mrk 421 during its moderate activity state using NuSTAR: Possible accretion disc contribution?, 2022, *A&A*, **663**, A178

1337. Yang, W.-X., Xiao, H.-B., Wang, H., Yang, J. H., Pei, Z.-Y., Wu, D.-X., Yuhai Y., Fan, J., Correlation between Brightness Variability and Spectral Index Variability for Fermi Blazars, 2022, *RAA*, **22**, art. id. 085002

1338. Gokus, A. K., A multi-wavelength perspective on gamma-ray flaring blazars, 2022, PhD thesis., Friedrich-Alexander-Universitat Erlangen, Nürnberg, Germany

1339. Larios, B., Pérez, H., Sacahui, J. R., Morazán, B., Toralla, M., Ávalos, J., Relativistic scenario for a binary black hole system in blazars, 2023, *AN*, **344**, art. id. e20230011

1340. Osorio, M., Rangel, E., Sacahui, J. R., González, M. M., A tool to understand emission mechanisms of blazar through their high-energy gamma-ray emission, 2023, *AN*, **344(6)**, art. id. e20230084

1341. Smith, E., Oramas, L., Perlman, E., A QPO in Mkn 421 from Archival RXTE Data, 2023, *ApJ*, **950**, art. id. 174

Raiteri, C. M., Villata, M., Acosta-Pulido, J. A., Agudo, I., Arkharov, A. A., Bachev, R., Baida, G. V., Benitez, E., Borman, G. A., Boschin, W., Bozhilov, V., Butuzova, M. S., Calcidese, P., Carnerero, M. I., Carosati, D., Casadio, C., Castro-Segura, N., Chen, W.-P., Damjanovic, G., D'Ammando, F., Di Paola, A., Eehevvarria, J., Efimova, N. V., Ehgamberdiev, Sh. A., Espinosa, C., Fuentes, A., Giunta, A., Gomez, J. L., Grishina, T. S., Gurwell, M. A., Hiriart, D., Jermak, H., Jordan, B., Jorstad, S. G., Joshi, M., Kopatskaya, E. N., Kuratov, K., Kurtanidze, O. M., Kurtanidze, S. O., Lahteenmaki, A., Larionov, V. M., Larionova, E. G., Larionova, L. V., Lazaro, C., Lin, C. S., Malmrose, M. P., Marscher, A. P., Matsumoto, K., McBreen, B., Michel, R., Mihov, B., Minev, M., Mirzaqulov, D. O., Mokrushina, A. A., Molina, S. N., Moody, J. W., Morozova, D. A., Nazarov, S. V., Nikolashvili, M. G., Ohlert, J. M., Okhmat, D. N., Ovcharov, E., Pinna, F., Polakis, T., Protasio, C., Pursimo, T., Redondo-Lorenzo, F. J., Rizzi, N., Rodriguez-Coira, G., Sadakane, K., Sadun, A. C., Samal, M. R., Savchenko, S. S., Semkov, E., Skiff, B. A., Slavcheva-Mihova, L., Smith, P. S., Steele, I. A., Strigachev, A., Tammi, J., Thum, C., Tornikoski, M., Troitskaya, Yu. V., Troitsky, I. S., Vasilyev, A. A., Vince, O., Blazar spectral variability as explained by a twisting inhomogeneous jet, 2017, *Nature*, **552**, 374-377

1342. Meyer, E. T., A cosmic jet swinging our way, 2018, *Nature Astronomy*, **2**, 32–33

1343. Li, X., Mohan, P., An, T., Hong, X., Cheng, X., Yang, J., Zhang, Y., Zhang, Zh., Zhao, W., Imaging and variability studies of CTA~102 during the 2016 January γ -ray flare, 2018, *ApJ*, **854**, art. id. 17

1344. Sandrinelli, A., Covino, S., Treves, A., Holgado, A. M., Sesana, A., Lindfors, E., Fallah Ramazani, V., Quasi-periodicities of BL Lac Objects and Their Origin, 2018, *A&A*, **615**, A118

1345. Fan, X-L., Li, S-K., Liao, N.-H., Chen, L., Liu, H.-T., Lu, K.-X., Yan, D.-H., Zhang, R.-Y., Guo, Q., Wu, Q., Bai, J.-M., Optical and Gamma-Ray Variability Behaviors of 3C 454.3 from 2006 to 2011, 2018, *ApJ*, **856**, art. id. 80

1346. Yan, D., Zhou, J., Zhang, P., Zhu, Q., Wang, J., Testing relativistic boost as the cause of gamma-ray quasi-periodic oscillation in blazar, 2018, *ApJ*, **867**, art. id. 53

1347. Kaur, N., Baliyan, K. S., CTA 102 in exceptionally high state during 2016-2017, 2018, *A&A*, **617**, art. id. A59

1348. Park, J., Kam, M., Trippe, S., Kang, S., Byun, D.-Y., Kim, D.-W., Algaba, J.-C., Lee, S.-S., Zhao, G.-Y., Kino, M., Shin, N., Hada, K., Lee, T., Oh, J., Hodgson, J. A., Sohn, B. W., Revealing the Nature of Blazar Radio Cores through Multi-Frequency Polarization Observations with the Korean VLBI Network, 2018, *ApJ*, **860**, art. id. 112

1349. Gasparyan, S., Sahakyan, N., Baghmanyanyan, V., Zargaryan, D., On the multi-wavelength Emission from CTA 102, 2018, *ApJ*, **863**, art. id. 114

1350. Kim, D.-W., Trippe, S., Lee, S.-S., Kim, J.-Y., Algaba, J.-C., Hodgson, J., Park, J., Kino, M., Zhao, G.-Y., Wajima, K., Lee, J. W., Kang, S., Exploring the Nature of the 2016 γ -ray Emission in the Blazar 1749+096, 2018, *MNRAS*, **480**, 2324
1351. Patel, S. R., Chitnis, V. R., Shukla, A., Rao, A. R., Nagare, B. J., Temporal variability and estimation of jet parameters for Ton 599, 2018, *ApJ*, **886**, art. id. 102
1352. González Pérez, J. N., Systematic study of the rapid optical-NIR variability of blazars and other AGNs, 2018, PhD Dissertation, Department Physik, Universität Hamburg, Gemany
1353. Covino, S., Sandrinelli, A., Treves, A., Gamma-ray quasi-periodicities of blazars. A cautious approach, 2019, *MNRAS*, **482**, 1270
1354. Latu, M. N., Levit, A. A., Objective difficulties in extracting data on the hierarchical correlation of technical terms from academic texts, 2018, *Liberal Arts in Russia*, **7**, 396
1355. Zacharias, M., Blazar variability - expect the unexpected, 2018, High Energy Astrophysics in Southern Africa, *PoS*, **338**, art. id. 33
1356. Zacharias, M., Böttcher, M., Jankowsky, F., Lenain, J.-P., Wagner, S., Wierzcholska, A., The extended flare in CTA 102 in 2016 and 2017 within a hadronic model through cloud ablation by the relativistic jet, 2019, *ApJ*, **871**, art. id. 19
1357. Chevalier, J., Sanchez, D. A., Serpico, P. D., Lenain, J.-P., Maurin, G., Variability studies and modeling of the blazar PKS 2155-304 in the light of a decade of multi-wavelength observations, 2019, *MNRAS*, **484**, 749-759
1358. Böttcher, M., Progress in Multi-wavelength and Multi-Messenger Observations of Blazars and Theoretical Challenges, 2019, *Galaxies*, **7(1)**, art. id. 20
1359. Zacharias, M., Böttcher, M., Jankowsky, F., Lenain, J.-P., Wagner, S. J., Wierzcholska, A., The Long-Lasting Activity in the Flat Spectrum Radio Quasar (FSRQ) CTA~102, 2019, *Galaxies*, **7**, 34
1360. Lan, M.-X., Xue, R., Xiong, D., Lei, W.-H., Wu, X.-F., Dai, Z.-G., Polarization of Astrophysical Events with Precessing Jets, 2019, *ApJ*, **878**, art. id. 140
1361. Boccardi, B., Migliori, G., Grandi, P., Torresi, E., Mertens, F., Karamanavis, V., Angioni, R., Vignali, C., The TeV-emitting radio galaxy 3C 264. VLBI kinematics and SED modeling, 2019, *A&A*, **627**, A89
1362. Ding, N., Gu, Q. S., Geng, X. F., Xiong, D.-R., Xue, R., Wang, X. Y., Guo, X. T., Exploring the origin of multiwavelength activities of high-redshift FSRQ PKS 1502+106 during 2014-2018, 2019, *ApJ*, **881**, art. id. 125
1363. Kalita, N., Sawangwit, U., Gupta, A. C., Wiita, P. J., Signature of stochastic acceleration and cooling processes in an outburst phase of the TeV blazar ON 231, 2019, *ApJ*, **880**, art. id. 18
1364. Shao, X., Jiang, Y., Chen, X., Curvature-induced Polarization and Spectral Index Behavior for PKS 1502+106, 2019, *ApJ*, **884**, art. id. 15
1365. Zacharias, M., Boettcher, M., Jankowsky, F., Lenain, J. -P., Wagner, S. J., Wierzcholska, A., CTA 102 -- year over year receiving you, in "High Energy Phenomena in Relativistic Outflows VII - HEPRO VII", 9-12 July 2019, Barcelona, Spain, 2019, *Proceedings of Science*, **354**, art. id. 025
1366. Chavushyan, V., Patiño-Álvarez, V. M., Amaya-Almazán, R. A., Carrasco, L., Flare-like Variability of the Mg II $\lambda\lambda 2798$ Å Emission Line and UV Fe II band in the Blazar CTA 102, 2020, *ApJ*, **891**, art. id. 68
1367. Yang, X., Yi, T., Zhang, Y., Li, H., Mao, L., Zhang, H., Ma, L., The γ -Ray and Optical Variability Analysis of the BL Lac Object 3FGL J0449.4-4350, 2020, *PASP*, **132**, art. id. 044101
1368. Jiang, Y., Hu, S.-M., Chen, X., Shao, X., Huo, Q.-H., Locations of optical and γ -ray emitting regions and variation phenomena of PMN J2345-1555, 2020, *MNRAS*, **493**, 3757-3769
1369. Xiong, D., Bai, J., Fan, J., Yan, D., Gu, M., Fan, X., Mao, J., Ding, N., Xue, R., Yi, W., Multicolor Optical Monitoring of the Blazar S5 0716+714 from 2017 to 2019, 2020, *ApJS*, **247**, art. id. 49

1370. Covino, S., Landoni, M., Sandrinelli, A., Treves, A., Looking at Blazar Light Curve Periodicities with Gaussian Processes, 2020, *ApJ*, **895**, art. id. 122
1371. Bychkova, V. S., Kardashev, N. S., Maslennikov, K. L., Plokhotnichenko, V. L., Beskin, G. M., Karpov, S. V., Rapid Polarized Emission Variability of Blazar S5 0716+714 in Optical Range, 2020, *Astronomical Reports*, **64**, 533-539
1372. Perlman, E. S., Birkinshaw, M., Kadler, M., Komissarov, S., Lister, M., Meier, D., Meyer, E., Nakamura, M., Nyland, K., O’Dea, C., Worrall, D., Zdziarski, A., Relativistic Jets in the Accretion & Collimation Zone: New Challenges Enabled by New Instruments, 2019, Astro2020, Bulletin of the AAS, **Volume 51**, Number 3
1373. Aalto, S., Falstad, N., Muller, S., Wada, K., Gallagher, J. S., König, S., Sakamoto, K., Vlemmings, W., Ceccobello, C., Dasyra, K., Combes, F., García-Burillo, S., Oya, Y., Martín, S., van der Werf, P., Evans, A. S., Kotilainen, J., ALMA resolves the remarkable molecular jet and rotating wind in the extremely radio-quiet galaxy NGC 1377, 2020, *A&A*, **640**, A104
1374. Shukla, A., Mannheim, K., Gamma-ray flares from relativistic magnetic reconnection in the jet of the quasar 3C 279, 2020, *Nature Commun*, **11**, art. id. 4176
1375. Singh, K. K., Meintjes, P. J., Characterization of variability in blazar light curves, 2020, *Astronomische Nachrichten*, **341**, 713-725
1376. Wang, Y.-F., Jiang, Y.-G., A comprehensive study on the variation phenomena of AO 0235+164, 2020, *ApJ*, 902, art. id. 41
1377. Sarkar, A., Kushwaha, P., Gupta, A. C., Chitnis, V. R. Wiita, P. J., Multi-waveband quasi-periodic oscillations in the light curves of blazar CTA 102 during its 2016-2017 optical outburst, 2020, *A&A*, **642**, A129
1378. Geng, X., Zeng, W., Rani, B., Britto, R. J., Zhang, G., Wen, T., Hu, W., Larsson, S., Thompson, D. J., Yang, Sh., Cao, G., Dai, B., Exploring High-energy Emission from the BL Lacertae Object S5 0716+714 with the Fermi Large Area Telescope, 2020, *ApJ*, **904**, art. id. 67
1379. Bhatta, G., Pánis, R., Stuchlík, Z., Deterministic Aspect of the γ -ray Variability in Blazars, 2020, *ApJ*, **905**, art. id. 160
1380. Zheng, Y.-G., Yang, Ch.-Y., Kang, S.-J., Bai, J.-M., An Explanation for 13 consecutive days activities of Mrk 421, 2021, *RAA*, **21**, art. id. 8
1381. Morokuma, T., Utsumi, Y., Ohta, K., et al., Follow-up Observations for IceCube-170922A: Detection of Rapid Near-Infrared Variability and Intensive Monitoring of TXS 0506+056, 2021, *PASJ*, **73**, 25–43
1382. Hu, W., Yan, D.-h., Hu, Q.-l., Correlations between γ -ray luminosity and magnetization of the jet as well as relativistic electron injection power: cases for Mrk 421, 3C 454.3 and 3C 279, 2021, *MNRAS*, **503**, 2523–2538
1383. Wang, Y.-F., Jiang, Y.-G., Interpreting the variation phenomena of B2 1633+382 via the two-component model, 2021, *MNRAS*, **504**, 2509-2516
1384. Zhang, B.-K., Jin, M., Zhao, X.-Y., Zhang, L., Dai, B.-Zh., Long-term multi-wavelength variations of Fermi blazar 3C 279, 2021, *RAA*, 21, art. id. 186
1385. Sahakyan, N., Modeling the Broadband Emission of 3C 454.3, 2021, *MNRAS*, **504**, 5074–5086
1386. Dmytriiev, A., Sol, H., Zech, A., Connecting steady emission and Very High Energy flaring states in blazars: the case of Mrk 421, 2021, *MNRAS*, **505**, 2712-2730
1387. Acharya, S., Borse, N. S., Vaidya, B., Numerical Analysis of Long-term Variability of AGN Jets through RMHD Simulations, 2021, *MNRAS*, **506**, 1862–1878
1388. Arbet-Engels, A., The broadband behaviour of bright TEV gamma-ray emitting blazars, 2021, PhD thesis, Swiss Federal Institute of Technology, Zürich, Switzerland
1389. Juryšek, J., Sliusar, V., Moulin, D., Walter, R., Observational constraints on the blazar jet wobbling timescales, 2021, 37th International Cosmic Ray Conference, *Proceedings of Science*, **395**, id. 643
1390. Dai, Y., Fang, Y., Zhang, X., Meng, N., Wu, J., Zhu, Z.-H., Intra-day multi-band optical variability of BL Lacertae object S5 0716+714, 2021, *MNRAS*, **507**, 455–465

1391. Sun, J., Guo, Y., Deng, X., Li, H., Gao, Z., Wang, Z., Xie, Z., Du, L., Analyzing the Variations in the Spectral Energy Distribution of the Flat Spectrum Radio Quasar 3C279, 2021, *Astronomical Research & Technology*, **18(4)**, 456-471
1392. Kalita, N., Gupta, A. C., Gu, M., Optical variability of a newly discovered blazar sample from the BZCAT Catalog, 2021, *ApJ Suppl.*, **257**, art. id. 41
1393. Bhatta, G., Characterizing Long-term Optical Variability Properties of γ -ray Bright Blazars, 2021, *ApJ*, **923**, art. id. 7
1394. Fan, X.-L., Yan, D.-H., Wu, Q.-W., Chen, X., Constraining Evolution of Magnetic Field Strength in Dissipation Region of Two BL Lac Objects, 2021, *RAA*, **21(12)**, art. id. 302
1395. Vaddi, S., Manoharan, P. K., Roshi, A., Long-term meter wavelength variability study of Blazar J1415+1320 using the Ooty Radio Telescope, 2021, *URSI Radio Science Letters*, **3**, id. 19
1396. Liodakis, I., Blinov, D., Potter, S. B., Rieger, F. M., Constraints on magnetic field and particle content in blazar jets through optical circular polarization, 2022, *MNRAS Lett.*, **509**, L21–L25
1397. Yang, W. X., Wang, H. G., Liu, Y., Yang, J. H., Xiao, H. B., Ye, X. H., Pei, Z. Y., Zhang, L. X., Fan, J. H., Beaming Effect in Fermi Blazars, 2022, *ApJ*, **925**, art. id. 120
1398. Acharya, S., Vaidya, B., Understanding emission signatures of AGN jets through numerical simulations. 2022, *J. Astrophys. Astron.*, **43**, art. num. 8
1399. Fang, Y., Zhang, Y., Chen, Q., Wu, J., Intraday Optical Multiband Observation of BL Lacertae, 2022, *ApJ*, **926**, art. id. 91
1400. Zhang, B.-K., Zhao, X.-Y., Wu, Q., Optical Spectral Variations of a Large Sample of Fermi Blazars, 2022, *ApJ Supp. Ser.*, **259**, art. id 49
1401. Fichet de Clairfontaine, G., Meliani, Z., Zech, A., Flare echos from relaxation shocks in perturbed relativistic jets, 2022, *A&A*, **661**, A54
1402. Geng, X., Ding, N., Cao, G., Liu, Y., Bao, B., Chidiac, C., Kushwaha, P., Shah, Z., Zhang, Z., Yang, X., Wen, T., Jiang, Z., Zhang, L., Zeng, W., Wu, X., Qin, Y., Zhou, M., Dai, B., Exploring γ -Ray Flares in the Long-term Light Curves of CTA 102 at GeV Energies, 2022, *ApJ Supp. Ser.*, **260**, art. id. 48
1403. Agarwal, A., Pandey, A., Özdönmez, A., Ege, E., Das, A. K., Karakulak, V., Characterizing the optical nature of the blazar S5 1803+784 during its 2020 flare, 2022, *ApJ*, **933**, art. id. 42
1404. A. K., A multi-wavelength perspective on gamma-ray flaring blazars, 2022, PhD thesis, Friedrich-Alexander-Universität Erlangen, Nürnberg, Germany
1405. Dong, F., Gai, N., Tang, Y., Wang, Y.-F., Yi, T.-F., Evidence of quasi-periodic oscillation in the optical band of the blazar 1ES 1959+650, 2022, *RAA*, **22**, art. id. 115001
1406. Sahakyan, N., Israyelyan, D., Harutyunyan, G., Gasparyan, S., Vardanyan, V., Khachatryan, M., Modeling the time variable spectral energy distribution of the blazar CTA 102 from 2008 to 2022, 2022, *MNRAS*, **517**, 2757–2768
1407. Kushwaha, P., The BL Lac Object OJ 287: Exploring a Complete Spectrum of Issues Concerning Relativistic Jets and Accretion, 2022, *JA&A*, **43**, art. id. 79
1408. Garrappa, S., Gamma-ray blazars as candidate sources of high-energy neutrinos, 2022, PhD thesis, Humboldt-Universität zu Berlin, Germany
1409. Castro Segura, N., Multi-Wavelength Studies of Accretion and Outflows in Compact Binaries, 2022, PhD thesis, University of Southampton, UK
1410. Ross K., Looking Through Rainbow Coloured Glasses: Radio Spectral Variability and its Physical Origins, 2022, PhD thesis, Curtin University, Australia
1411. Reddy Pininti, V., Bhatta, G., Paul, S., Kumar, A., Rajgor, A., Barnwal, R., Gharat, S., Exploring Short-Term Optical Variability of Blazars Using TESS, 2023, *MNRAS*, **518**, 1459–1471
1412. Lu, L., Zhou, W.-L., Luo, G.-Y., Sun, B., Research on a 3.7-year quasi-periodic oscillation for FSRQ J0351-1153, 2023, *RAA*, **23**, art. id. 015012

1413. Acharya, S., Vaidya, B., Kalpa Dihingia, I., Agarwal, S., Shukla, A., A numerical study on the role of instabilities on multi-wavelength emission signatures of blazar jets, 2023, *A&A*, **671**, A161
1414. Zhang, B.-K., Tang, W.-F., Wang, C.-X., Wu, Q., Jin, M., Dai, B.-Z., Zhu, F.-R., The optical spectral features of 27 Fermi blazars, 2023, *MNRAS*, **519**, 5263–5270
1415. Özdönmez, A., Shortterm optical variability of 4C 29.45, 2023, *Turkish Journal of Physics*, **47**, 124-140
1416. Weitian, H., Gongming, N., Lisheng, M., Mid-infrared Variability Properties of Gamma-ray-loud Narrow Line Seyfert 1 Galaxy TXS 1206+549, 2023, *Astronomical Research and Technology*, **20(5)**, 383-395
1417. Banerjee, A., Negi, V., Joshi, R., Kumar, N., Wiita, P. J., Chand, H., Rawat, N., Wu, X.-B., Ho, L. C., Probable low-frequency quasi-periodic oscillations in blazars from the ZTF survey, 2023, *MNRAS*, **526**, 5172–5186
1418. Jiang, W., Shen, Z., Martí-Vidal, I., Yan, Z., Huang, L., Gold, R., Li, Y.-P., Xie, F., Kawaguchi, N., Observational Evidence of a Centi-parsec Supermassive Black Hole Binary Existing in the Nearby Galaxy M81, 2023, *ApJ*, **959**, art. no.11
1419. Kim, D.-W., Janssen, M., Krichbaum, T. P., Boccardi, B., MacDonald, N. R., Ros, E., Lobanov, A. P., Zensus, J. A., First GMVA observations with the upgraded NOEMA facility: VLBI imaging of BL Lacertae in a flaring state?, 2023, *A&A Lett.*, **680**, L3
1420. Pandey, A., Kushwaha, P., Wiita, P. J., Prince, R., Czerny, B., Stalin, C. S., Origin of broadband emission from the transition blazar B2 1308+326, 2024, *A&A*, **681**, A116
1421. Wang, G., Xiao, H., Fan, J., Zhang, X., GeV Variability Properties of TeV Blazars Detected by Fermi-LAT, 2024, *ApJ Supp.*, **270**, art. no. 22
1422. Cao, G., Geng, X., Wang, J., Yang, X., Progress in multi-messenger observations and emission models of blazars, 2024, *New Astronomy Reviews*, **98**, id. 101693
1423. Ojha, V., Singh, V., Berton, M., Jarvela, E., Intra-night optical variability of peculiar narrow-line Seyfert 1 galaxies with enigmatic jet behavior, 2024, *MNRAS Lett.*, **529**, L108–L114
1424. Dmytriiev, A., Böttcher, M., Effects of non-continuous inverse Compton cooling in blazars, 2024, *A&A*, accepted
1425. Yu, J., Ding, N., Fan, J., Tang, Y., Cao, J., Systematic Search and Study of Short-Timescale Flare Structures in BL Lac object Gamma-ray Emission, 2024, *ApJ*, **967**, art. id. 96
1426. Yi, K., Park, J., Nakamura, M., Hada, K., Trippe, S., Jet Collimation and Acceleration in the Flat Spectrum Radio Quasar 1928+738, 2024, *A&A*, accepted
1427. Sahakyan, N., Bégué, D., Casotto, A., Dereli-Bégué, H., Giommi, P., Gasparyan, S., Vardanyan, V., Khachatryan, M., Pe'er, A., Modeling blazar broadband emission with convolutional neural networks -- II. External Compton model, 2024, *ApJ*, accepted
- Kushwaha, P.; Gupta, A. C.; Wiita, P. J.; Gaur, H.; de Gouveia Dal Pino, E. M.; Bhagwan, J.; Kurtanidze, O. M.; Larionov, V. M.; Damljanić, G.; Uemura, M.; Semkov, E.; Strigachev, A.; Bachev, R.; Vince, O.; Gu, Minfeng; Zhang, Z.; Abe, T.; Agarwal, A.; Borman, G. A.; Fan, J. H.; Grishina, T. S.; Hirochi, J.; Itoh, R.; Kawabata, M.; Kopatskaya, E. N.; Kurtanidze, S. O.; Larionova, E. G.; Larionova, L. V.; Mishra, A.; Morozova, D. A.; Nakaoka, T.; Nikolashvili, M. G.; Savchenko, S. S.; Troitskaya, Yu. V.; Troitsky, I. S.; Vasilyev, A. A., Multi-wavelength temporal and spectral variability of the blazar OJ 287 during and after the December 2015 flare: a major accretion disc contribution, 2018, *MNRAS*, **473**, 1145–1156
1428. Ciprini, S., Valtonen, M. J., Zola, S., Goyal, A., Pihajoki, P., Time-domain behavior of blazar OJ 287 and the binary supermassive black hole conjecture, 2017, *7th International Fermi Symposium*, **312**, 041
1429. Kapanadze, B., Vercellone, S., Romano, P., Hughes, P., Aller, M., Aller, H., Kapanadze, S., Tabagari, L., Strong X-ray flaring activity of the BL Lacertae source OJ 287 in 2016 October–2017 April, 2018, *MNRAS*, **480**, 407-430

1430. Arsioli, B., Chang, Y.-L., The γ -ray emitting region in low synchrotron peak blazars: Testing self-synchrotron Compton and external Compton scenarios, 2018, *A&A*, **616**, A63
1431. Oikonomou, F., Murase, K., Padovani, P., Resconi, E., Mészáros, P., High energy neutrino flux from individual blazar flares, 2019, *MNRAS*, **489**, 4347
1432. Laine, S., Dey, L., Valtonen, M., Gopakumar, A., Zola, S., Komossa, S., Kidger, M., Pihajoki, P., Gómez, J. L., Caton, D., Ciprini, S., Drozd, M., Gazeas, K., Godunova, V., Haque, S., Hildebrandt, F., Hudec, R., Jermak, H., Kong, A. K. H., Lehto, H., Liakos, A., Matsumoto, K., Mugrauer, M., Pursimo, T., Reichart, D. E., Simon, A., Siwak, M., Sonbas, E., Spitzer Observations of the Predicted Eddington Flare from Blazar OJ 287, 2020, *ApJL*, **894**, L1
1433. Komossa, S., Grupe, D., Parker, M. L., Valtonen, M. J., Gómez, J. L., Gopakumar, A., Dey, L., The 2020 April–June super-outburst of OJ 287 and its long-term multiwavelength light curve with Swift: binary supermassive black hole and jet activity, 2020, *MNRAS*, **498**, L35–L39
1434. Rajput, B., Shah, Z., Stalin, C. S., Sahayanathan, S., Rakshit, S., Correlation between optical and γ -ray flux variations in BL Lacs, 2021, *MNRAS*, **504**, 1772–1786
1434. Komossa, S., Grupe, D., Parker, M. L., Gómez, J. L., Valtonen, M. J., Nowak, M. A., Jorstad, S. G., Haggard, D., Chandra, S., Ciprini, S., Dey, L., Gopakumar, A., Hada, K., Markoff, S., Neilsen, J., X-ray spectral components of the blazar and binary black hole candidate OJ 287 (2005–2020), 2021, *MNRAS*, **504**, 5575–5587
1436. Butuzova, M. S., The Blazar OJ 287 Jet from Parsec to Kiloparsec Scales, 2021, *Astron. Rep.*, **65**, 635–644
1437. Prince, R., Broadband study of BL Lac during flare of 2020: Spectral evolution and emergence of HBL component, 2021, *MNRAS*, **507**, 5602–5612
1438. Zaharieva, E., Ovcharov, E., Minev, M., Bozhilov, V., Valcheva A., Photometric Study of the Blazar OJ 287, 2021, *Bulg. J. Phys.*, **48(3)**, 276–286
1439. Rajput, B., Pandey, A., Stalin, C. S., Mathew, B., Study of correlation between optical flux and polarization variations in BL Lac objects, 2022, *MNRAS*, **517**, 3236–3256
1440. Britzen, S., Zajaček, M., Gopal-Krishna, Fendt, C., Kun, E., Frédéric Jaron, F., Aimo Sillanpää, A., Eckart, A., Precession-induced Variability in AGN Jets and OJ 287, 2023, *ApJ*, **951**, at. id. 106
- Kushwaha, P., Gupta, A. C., Wiita, P. J., Pal, M., Gaur, H., de Gouveia Dal Pino, E. M., Kurtanidze, O. M., Semkov, E., Damjanovic, G., Hu, S. M., Uemura, M., Vince, O., Darriba, A., Gu, M. F., Bachev, R., Chen, X., Itoh, R., Kawabata, M., Kurtanidze, S. O., Nakaoka, T., Nikolashvili, M. G., Sigua, L. A., Strigachev, A., Zhang, Z., The ever-surprising blazar OJ 287: multi-wavelength study and appearance of a new component in X-rays, 2018, *MNRAS*, **479**, 1672–1684
1441. Kapanadze, B., Vercellone, S., Romano, P., Hughes, P., Aller, M., Aller, H., Kapanadze, S., Tabagari, L., Strong X-ray flaring activity of the BL Lacertae source OJ 287 in 2016 October–2017 April, 2018, *MNRAS*, **480**, 407–430
1442. Oikonomou, F., Murase, K., Padovani, P., Resconi, E., Mészáros, P., High energy neutrino flux from individual blazar flares, 2019, *MNRAS*, **489**, 4347
1443. Komossa, S., Grupe, D., Parker, M. L., Valtonen, M. J., Gómez, J. L., Gopakumar, A., Dey, L., The 2020 April–June super-outburst of OJ 287 and its long-term multiwavelength light curve with Swift: binary supermassive black hole and jet activity, 2020, *MNRAS*, **498**, L35–L39
1444. Saade, M. L., Stern, D., Brightman, M., Haiman, Z., Djorgovski, S. G., D’Orazio, D., Ford, K. E. S., Graham, M. J., Jun, H. D., Kraft, R. P., McKernan, B., Vikhlinin, A., Walton, D. J., Chandra Observations of Candidate Subparsec Binary Supermassive Black Holes, 2020, *ApJ*, **900**, art. id. 148
1445. Fatima, S., Anam, P.M.K., Vierdayanti, K., A long hard look on multiwavelength properties of blazar OJ 287, 2021, *Ap&SS*, **366**, art. id. 37

1446. Prince, R., Agarwal, A., Gupta, N., Majumdar, P., Czerny, B., Cellone, S. A., Andruchow, I., Multi-wavelength Analysis and Modeling of OJ 287 During 2017-2020, 2021, *A&A*, **654**, A38

1447. Prince, R., Raman, G., Khatoon, R., Agarwal, A., Varun, Gupta, N., Czerny, B., Majumdar, P., A comprehensive study of the 2019-2020 flare of OJ 287 in X-ray window using Swift, XMM-Newton, NuSTAR, and AstroSat, 2021, *MNRAS*, **508**, 315–325

1448. Singh, K. P., Jets from active galactic nuclei, 2022, *J Astrophys Astron*, **43**, art. id. 85

1449. Saade, M. L., Unveiling Supermassive Black Hole Growth and Co-Evolution Using X-rays, 2023, PhD thesis, University of California, Los Angeles, USA

1450. Gorbachev, M. A., Butuzova, M. S., Nazarov, S. V., Zhovtan, A. V., Evidence of jet-caused 12-year optical periodicity of blazar OJ 287, 2024, *Astroparticle Physics*, **160**, id. 102965

Ibryamov, S., Semkov, E., Peneva, S., V2492 Cygni: Optical BVRI variability during the period 2010-2017, 2018, *PASA*, **35**, e007

1451. Rohde, P. F., Walch, S., Seifried, D., Whitworth, A. P., Clarke, S. D., Evolution of Hubble wedges in episodic protostellar outflows, 2019, *MNRAS*, **483**, 2563

1452. Bhardwaj, A., Panwar, N., Herczeg, G. J., Chen, W. P., Singh, H. P., Variability of young stellar objects in the star-forming region Pelican Nebula, 2019, *A&A*, **627**, A135

1453. Evitts, J. J., An analysis on the photometric variability of V 1490 Cyg, 2020, Master of Science by Research (MScRes) thesis, University of Kent, UK

1454. Andreyan, H., The investigation of young eruptive stars, 2021, PhD thesis, Byurakan Astrophysical Observatory, Byurakan, Armenia

1455. Rohde, P. F., Walch, S., Seifried, D., Whitworth, A. P., Clarke, S. D., Protostellar Outflows: a window to the past, 2022, *MNRAS*, **510**, 2552–2571

1456. Arkharov, A. A., On the nature of photometric activity of the young star V2492 Cyg, 2022, *Proceedings of the Main Astronomical Observatory in Pulkovo*, **227**, 5-13

Semkov, E., Ibryamov, S., A new deep minimum in the light curve of the PMS star V1647 Ori, 2018, *ATel*, **12012**, 1

1457. Giannini, T., Lorenzetti, D., Antonucci, S., Boschin, W., Harutyunyan, A., A descriptive title on the current quiescence status of the eruptive variable V1647 Ori, 2018, *ATel*, **12054**, 1

Ibryamov, S., Semkov, E., Milanov, T., Peneva, S., Long-term BVRI photometric light curves of 15 PMS stars in the IC 5070 star-forming region, 2018, *RAA*, **18**, art. id. 137

1458. Froebrich, D., Scholz, A., Campbell-White, J., Crumpton, J., D’Arcy, E., Makin, S. V., Zegmott, T., Billington, S. J., Hibbert, R., Newport, R. J., Fisher, C. R., Variability in IC5070: Two Young Stars with Deep Recurring Eclipses, 2018, *RNAAS*, **2**, art. id. 61

1459. Siwak, M., Drózdź, M., Gut, K., Winiarski, M., Ogłóża, W., Stachowski, G. Mount Suhora High Cadence Photometric Survey of T Tauri-Type Stars, 2019, *AcA*, **69**, 227-260

1460. Evitts, J. J., Froebrich, D., Scholz, A., et al., A survey for variable young stars with small telescopes: II -- Mapping a protoplanetary disk with stable structures at 0.15 AU, 2020, *MNRAS*, **493**, 184–198

1461. Evitts, J. J., An analysis on the photometric variability of V 1490 Cyg, 2020, Master of Science by Research (MScRes) thesis, University of Kent, UK

1462. D’Arcy, E., A Study of Light-curves of Nearby Dipper YSOs to Determine Circumstellar Disk Properties, 2020, Master of Science by Research (MScRes) thesis, University of Kent, UK

1463. Froebrich, D., Scholz, A., Eislöffel, J., Stecklum, B., A survey for variable young stars with small telescopes: III -- Warm spots on the active star V1598Cyg, 2020, *MNRAS*, **497**, 4602

1464. Froebrich, D., Derezea, E., Scholz, A., et al., A survey for variable young stars with small telescopes: IV -- Rotation Periods of YSOs in IC5070, 2021, *MNRAS*, **506**, 5989–6000

1465. Hillenbrand, L. A., Kiker, T. J., Gee, M., Lester, O., Braunfeld, N. L., Rebull, L. M., Kuhn, M. A., A ZTF Look at Optical Variability of Young Stellar Objects in the North America and Pelican Nebulae Complex, 2022, *AJ*, **163**, art. id. 263

1466. Panwar, N., Jose, J., Rishi, C., Survey of Ha emission-line stars in the star-forming region IC 5070, 2023, *Journal of Astrophysics & Astronomy*, **44**, art. num. 42

Semkov, E., Ibryamov, S. Peneva, S., Mutafov, A., Long-term Photometric Monitoring of FUor andFUor-like Objects, 2018, *Communications of BAO*, **65(2)**, 240-248

1467. Nagy, Z., Park, S., Ábrahám, P., et al., The Gaia alerted fading of the FUor-type star Gaia21elv, 2023, *MNRAS*, **524**, 3344–3356

Vercellone, S., Romano, P., Piano, G., ..., Semkov, E., et al., AGILE, Fermi, Swift, and GASP/WEBC multi-wavelength observations of the high-redshift blazar 4C +71.07 in outburst, 2019, *A&A*, **621**, id. A82

1468. Bolli, P., Orfei, A., Zanichelli, A., Prestage, R., Tingay, S. J., Beltrán, M., Burgay, M., Contavalle, C., Honma, M., Kraus, A., Lindqvist, M., Lopez Perez, J., Marongiu, P., Minamidani, T., Navarro, S., Pisanu, T., Shen, Z. -Q., Sohn, B. W., Stanghellini, C., Tzioumis, T., Zacchiroli, G., An International Survey of Front-end Receivers and Observing Performance of Telescopes for Radio Astronomy, 2019, *PASP*, **131**, pp. 085002

1469. Pei, Zh., Fan, J., Yang, J., Bastieri, D., The estimation of γ -ray Doppler factor for Fermi/LAT-detected blazars, 2020, *PASA*, **37**, e043

Huang, P. C., Chen, W. P., Mugrauer, M., Bischoff, R., Budaj, J., Burkhonov, O., Ehgamberdiev, S., Errmann, R., Garai, Z., Hsiao, H. Y., Hu, C. L., Janulis, R., Jensen, E. L. N., Kiyota, S., Kuramoto, K., Lin, C. S., Lin, H. C., Liu, J. Z., Lux, O., Naito, H., Neuhäuser, R., Ohlert, J., Pakštienė, E., Pribulla, T., Qvam, J. K. T., Raetz, St., Sato, S., Schwartz, M., Semkov, E., Takagi, S., Wagner, D., Watanabe, M., Zhang, Y., Diagnosing the Clumpy Protoplanetary Disk of the UXor Type Young Star GM Cephei, 2019, *ApJ*, **871**, art. id. 183

1470. Hillenbrand, L. A., Reipurth, B., Connelley, M., Cutri, R. M., Isaacson, H., Gaia 19ajj: A Young Star Brightening Due to Enhanced Accretion + Reduced Extinction, 2019, *AJ*, **158**, art. id. 240

1471. Bredall, J. W., Shappee, B. J., Gaidos, E., Jayasinghe, T., Valley, P., Stanek, K. Z., Kochanek, C. S., Gagné, J., Hart, K., Holoiien, T. W. -S., Prieto, J. L., Van Saders, J. The ASAS-SN Catalog of Variable Stars VIII: "Dipper" Stars in the Lupus Star-Forming Region, 2020, *MNRAS*, **496**, 3257–3269

1472. Pan, K.-S., Ip, W.-H., Polarimetric observations of asteroids of different taxonomic classes from Lulin Observatory in Taiwan, 2022, *Planetary and Space Science*, **212**, art. id.105412

1473. Davies, C. L., Rich, E. A., Harries, T. J., Monnier, J. D., Laws, A. S. E., Andrews, S. M., Bae, J., Wilner, D. J., Anugu, N., Ennis, J., Gardner, T., Kraus, S., Labdon, A., le Bouquin, J.-B., Lanthermann, C., Schaefer, G. H., Setterholm, B. R., ten Brummelaar, T., Scattering and sublimation: a multi-scale view of μ m-sized dust in the inclined disc of HD 145718, 2022, *MNRAS*, **511**, 2434–2452

1474. Ou, J.-Y., Ngeow, C.-C., Difference of photometric properties between regular and non-regular Miras in the Magellanic Clouds, 2022, *AJ*, **163**, art. id. 192

1475. Mutafov, A., Eclipse Variables of UX Ori Type, 2024, *BlgAJ*, **41**, accepted

Mutafov, A. S., Semkov, E. H., Ibryamov, S. I., Peneva, S. P., Long-time photometric study of UX Orionis stars, 2019, *AIP Conference Proceedings*, **2075**, 090004

1476. Hillenbrand, L. A., Reipurth, B., Connelley, M., Cutri, R. M., Isaacson, H., Gaia 19ajj: A Young Star Brightening Due to Enhanced Accretion + Reduced Extinction, 2019, *AJ*, **158**, art. id. 240

- Gupta, A. C., Gaur, H., Wiita, P. J., Pandey, A., Kushwaha, P., Hu, S. M., Kurtanidze, O. M., Semkov, E., Damljjanovic, G., Goyal, A., Uemura, M., Darriba, A., Chen, X., Vince, O., Gu, M. F., Zhang, Z., Bachev, R., Chanishvili, R., Itoh, R., Kawabata, M., Kurtanidze, S. O., Nakaoka, T., Nikolashvili, M. G., Stawarz, L., Strigachev, A., Characterizing optical variability of OJ 287 in 2016–2017, 2019, *AJ*, **157**, art. id. 95
1477. Sukharev, A., Ryabov, M., Bezrukovs, V., Orbidans, A., Bleiders, M., Udovichenko, S., Keir, L., Eglitits, I., Dubovsky, P., Study of Rapid Variability of the Blazar OJ 287 in the Radio and Optical Ranges, 2020, *Astrophysics*, **63**, 32–44
1478. Yuan, Y.-H., Fan, J.-H., Wu, H., Hao, J.-M., Huang, W.-R., Liu, X.-L., Huang, H.-R., Optical monitoring and intra-day variabilities of BL Lac Objects OJ 287, 2021, *RAA*, **21(6)**, art. id. 138
1479. Guo, B., Peng, Q., Lin, F., Applications and Technology Research for Astrometrica and MaxIm DL in Astrometry, 2021, *Astronomical Research & Technology*, **18**, 195–202
1480. Acharya, S., Borse, N. S., Vaidya, B., Numerical Analysis of Long-term Variability of AGN Jets through RMHD Simulations, 2021, *MNRAS*, **506**, 1862–1878
1481. Li, T., Wu, J.-H., Meng, N.-K., Dai, Y., Zhang, X.-Y., Intra-day variability of BL Lacertae from 2016 to 2018, 2021, *RAA*, **21**, art. id. 259
1482. Prince, R., Raman, G., Khatoon, R., Agarwal, A., Varun, Gupta, N., Czerny, B., Majumdar, P., A comprehensive study of the 2019–2020 flare of OJ 287 in X-ray window using Swift, XMM-Newton, NuSTAR, and AstroSat, 2021, *MNRAS*, **508**, 315–325
1483. Zhang, Y., Fang, Y., Wu, J.-h., Dai, Y., Meng, N.-k., Multi-Wavelength Optical Variability of High Redshift Blazar 4C 38.41, 2022, *Chinese Astronomy and Astrophysics*, **46(1)**, 36–48
1484. Zhang, B.-K., Zhao, X.-Y., Wu, Q., Optical Spectral Variations of a Large Sample of Fermi Blazars, 2022, *ApJ Supp. Ser.*, **259**, art. id 49
1485. Lico, R., Casadio, C., Jorstad, S. G., Gomez, J. L., Marscher, A. P., Traianou, E., Kim, J. Y., Zhao, G. Y., Fuentes, A., Cho, I., Krichbaum, T. P., Hervet, O., O'Brien, S., Boccardi, B., Myserlis, I., Agudo, I., Alberdi, A., Weaver, Z. R., Zensus, J. A., New jet feature in the parsec-scale jet of the blazar OJ287 connected to the 2017 teraelectronvolt flaring activity, 2022, *A&A*, **658**, L10
1486. Zhang, B.-K., Tang, W.-F., Wang, C.-X., Wu, Q., Jin, M., Dai, B.-Z., Zhu, F.-R., The optical spectral features of 27 Fermi blazars, 2023, *MNRAS*, **519**, 5263–5270
1487. Acharya, S., Vaidya, B., Kalpa Dihingia, I., Agarwal, S., Shukla, A., A numerical study on the role of instabilities on multi-wavelength emission signatures of blazar jets, 2023, *A&A*, **671**, A161
- D'Ammando, F., Raiteri, C. M., Villata, M., ..., Semkov, E., et al., Investigating the multiwavelength behaviour of the flat spectrum radio quasar CTA 102 during 2013–2017, 2019, *MNRAS*, **490**, 5300–5316
1488. Chavushyan, V., Patiño-Álvarez, V. M., Amaya-Almazán, R. A., Carrasco, L., Flare-like Variability of the Mg II $\lambda\lambda 2798$ Å Emission Line and UV Fe II band in the Blazar CTA 102, 2020, *ApJ*, **891**, art. id. 68
1489. Sarkar, A., Kushwaha, P., Gupta, A. C., Chitnis, V. R. Wiita, P. J., Multi-waveband quasi-periodic oscillations in the light curves of blazar CTA 102 during its 2016–2017 optical outburst, 2021, *A&A*, **642**, A129
1490. Mishra, H. D., Dai, X., Chen, P., Cheng, J., Jayasinghe, T., Tucker, M. A., Vallely, P. J., Bersier, D., Bose, S., Do, A., Dong, S., Holoiien, T. W. S., Huber, M. E., Kochanek, C. S., Liang, E., Payne, A. V., Prieto, J., Shappee, B. J., Stanek, K. Z., Bhatiani, S., Cox, J., DeFrancesco, C., Shen, Z., Thompson, T. A., Wang, J., The Changing Look Blazar B2 1420+32, 2021, *ApJ*, **913**, art. id. 146
1491. Pandey, A., Rajput, B., Stalin, C. S., Correlation between optical flux and polarization variations in flat-spectrum Radio Quasars on diverse time-scales, 2022, *MNRAS*, **510**, 1809–1836

1492. Pacciani, L., Evidence for a moving emitting region from waiting times of Gamma-ray flares of Flat Spectrum Radio Quasars, 2022, *A&A*, **658**, A164
1493. Geng, X., Ding, N., Cao, G., Liu, Y., Bao, B., Chidiac, C., Kushwaha, P., Shah, Z., Zhang, Z., Yang, X., Wen, T., Jiang, Z., Zhang, L., Zeng, W., Wu, X., Qin, Y., Zhou, M., Dai, B., Exploring γ -Ray Flares in the Long-term Light Curves of CTA 102 at GeV Energies, 2022, *ApJ Supp. Ser.*, **260**, art. id. 48
1494. Mishra, H. D., AGN and their Environment: A Multi-Wavelength Photometric and Spectroscopic Study of AGN and Galaxy Clusters, and the Co-evolution of AGN and the Large Scale Structures, 2022, PhD Dissertation, University of Oklahoma, Norman, Oklahoma, USA
1495. Sahakyan, N., Israyelyan, D., Harutyunyan, G., Gasparyan, S., Vardanyan, V., Khachatryan, M., Modeling the time variable spectral energy distribution of the blazar CTA 102 from 2008 to 2022, 2022, *MNRAS*, **517**, 2757–2768
1496. Shivkumar, H., Jaodand, A. D., Balasubramanian, A., Fremling, C., Corsi, A., Tzanidakis, A., Nissanke, S., Kasliwal, M., Brightman, M., Raaijmakers, G., Kruse Madsen, K., Harrison, F., Carbone, D., Nayana A., J., Désert, J.-M., Andreoni, I., AT2019wxt: An ultra-stripped supernova candidate discovered in electromagnetic follow-up of a gravitational wave trigger, 2023, *ApJ*, **952**, art. id. 86
1497. Xu, J., Hu, S., Chen, X., Jiang, Y., Alexeeva, S., A small scale structure model of jet based on the observation of microvariability, 2023, *ApJ Supp.*, **268**, art. id. 54
1498. Cao, G., Geng, X., Wang, J., Yang, X., Progress in multi-messenger observations and emission models of blazars, 2024, *New Astronomy Reviews*, **98**, id. 101693
- Gaur, H., Gupta, A. C., Bachev, R., Strigachev, A., Semkov, E., Wiita, P. J., Kurtanidze, O. M., Darriba, A., Damjanovic, G., Chanishvili, R. G., Ibryamov, S., Kurtanidze, S. O., Nikolashvili, M. G., Sigua, L. A., Vince, O., Optical Variability of TeV Blazars on long time-scales, 2019, *MNRAS*, **484**, 5633–5644
1499. Xiong, D., Bai, J., Fan, J., Yan, D., Gu, M., Fan, X., Mao, J., Ding, N., Xue, R., Yi, W., Multicolor Optical Monitoring of the Blazar S5 0716+714 from 2017 to 2019, 2020, *ApJS*, **247**, art. id. 49
1500. Anjum, A., Stalin, C. S., Rakshit, S., Gudennavar, S. B., Durgapal, A., Mid-Infrared variability of γ -ray emitting blazars, 2020, *MNRAS*, **494**, 764–774
1501. Safna, P. Z., Stalin, C. S., Rakshit, S., Mathew, B., Long term optical and infrared variability characteristics of Fermi Blazars, 2020, *MNRAS*, **498**, 3578–3591
1502. Rajput, B., Stalin, C. S., Sahayanathan, S., Correlation between optical and γ -ray flux variations in bright flat spectrum radio quasars, 2020, *MNRAS*, **498**, 5128–5148
1503. Li, F., Zhang, H., Xiong, D., Xu, H., Ren, G., Yan, P., Study on Color Index of the Fermi Blazars, 2020, *Astronomical Research and Technology*, **17(4)**, 405–413
1504. Goyal, A., Optical variability power spectrum analysis of blazar sources on intranight timescales, 2021, *ApJ*, **909**, art. id. 39
1505. Rajput, B., Shah, Z., Stalin, C. S., Sahayanathan, S., Rakshit, S., Correlation between optical and γ -ray flux variations in BL Lacs, 2021, *MNRAS*, **504**, 1772–1786
1506. Krishna Mohana, A., Bhattacharya, D., Misra, R., Bhattacharyya, S., Bhatt, N., Long term multi-band monitoring of blazar 3C 66A: Evidence of the two distinct states with different baseline flux, 2021, *MNRAS*, **507**, 3653–3659
1507. Fang, Y., Zhang, Y., Chen, Q., Wu, J., Intraday Optical Multiband Observation of BL Lacertae, 2022, *ApJ*, **926**, art. id. 91
1508. Zhang, Y., Fang, Y., Wu, J.-h., Dai, Y., Meng, N.-k., Multi-Wavelength Optical Variability of High Redshift Blazar 4C 38.41, 2022, *Chinese Astronomy and Astrophysics*, **46(1)**, 36–48
1509. Zhang, B.-K., Zhao, X.-Y., Wu, Q., Optical Spectral Variations of a Large Sample of Fermi Blazars, 2022, *ApJ Supp. Ser.*, **259**, art. id. 49

1510. Izviekova, I. O., Ponomarenko, V. A., Pulatova, N. G., Vasylenko, V. V., Simon, A. O., Photometric variability of BL Lacertae and 1ES 1426+428 blazars in the optical and gamma ranges, 2022, *Kinematics and physics of celestial bodies*, **38**, 59-78

1511. Zhang, B.-K., Tang, W.-F., Wang, C.-X., Wu, Q., Jin, M., Dai, B.-Z., Zhu, F.-R., The optical spectral features of 27 Fermi blazars, 2023, *MNRAS*, **519**, 5263–5270

1512. Zeng, W., Wen, T., Gong, Z.-L., Chen, S., Wu, F., Zhang, H.-Y., Dai, B.-Z., Photometric Monitoring of Blazar 3C 66A with the Yunnan University Astronomical Observatory 1m telescope, 2023, *RAA*, **23**, art. id. 045014

1513. Gong, Y., Tian, S., Zhou, L., Yi, T., Fang, J., Two Transient Quasi-periodic Oscillations in γ -Ray Emission from the Blazar S4 0954+658, 2023, *ApJ*, **949**, art. id. 39

Sekeráš, M., Skopal, A., Shugarov, S., Shagatova, N., Kundra, E., Komžík, R., Vrašták, M., Peneva, S. P., Semkov, E., Stubbing, R., Photometry of Symbiotic Stars – XIV, 2019, *Contrib. Astron. Obs. Skalnaté Pleso*, **49**, 19-66

1514. Merc, J., Galis, R., Leedjärv, L., Wolf, M., Yellow symbiotic star AG Draconis in the scope of the New Online Database of Symbiotic Variables, 2021, *Proceedings of Science*, **368**, art. id. 043

1515. Munari, U., Traven, G., Masetti, N., Valisa, P., Righetti, G. -L., Hamsch, F. -J., Frigo, A., Cotar, K., De Silva, G. M., Freeman, K. C., Lewis, G. F., Martell, S. L., Sharma, S., Simpson, J. D., Ting, Y. -S., Wittenmyer, R. A., Zucker, D. B., The GALAH Survey and Symbiotic Stars. I. Discovery and follow-up of 33 candidate accreting-only systems, 2021, *MNRAS*, **505**, 6121–6154

1516. Merc, J., Gális, R., Wolf, M., Velez, P., Bohlsen, T., Barlow, B. N., Hen 3-860: New southern eclipsing symbiotic star observed in the outburst, 2022, *MNRAS*, **510**, 1404–1412

1517. Merc J., Multi-frequency research of symbiotic binaries, 2022, Charles University, Faculty of Mathematics and Physics, *PhD Thesis*, Prague, Czech Republic

1518. Merc, J., Velez, P., Charbonnel, S., Garde, O., Le Dû, P., Mulato, L., Petit, T., Skowron, J., Gaia23ckh: Symbiotic outburst of the assumed Mira variable V390 Sco, 2024, AN, accepted

Larionov, V. M., Jorstad, S. G., Marscher, A. P., ..., Semkov, E., et al., Multiwavelength behaviour of the blazar 3C 279: decade-long study from γ -ray to radio, 2020, *MNRAS*, **492**, 3829–3848

1519. Pei, Zh., Fan, J., Yang, J., Bastieri, D., The estimation of $\gamma\gamma$ -ray Doppler factor for Fermi/LAT-detected blazars, 2020, *PASA*, **37**, e043

1520. Yoo, S., An, H., Spectral variability of the blazar 3C 279 in the optical to X-ray band during 2009-2018, 2020, *ApJ*, **902**, art. id. 2

1521. Davies, J., Meyer, M., Cotter, G., Relevance of Jet Magnetic Field Structure for Blazar ALP Searches, 2021, *Phys. Rev. D*, **103**, art. id. 023008

1522. Dado, S., Dar, A., Universal Peaks Ratio In The Spectral Energy Density Of Double Hump Blazars, Gamma Ray Bursts, And Microquasars, 2021, *ApJL*, **911**, L10

1523. Zhang, B.-K., Jin, M., Zhao, X.-Y., Zhang, L., Dai, B.-Zh., Long-term multi-wavelength variations of Fermi blazar 3C 279, 2021, *RAA*, **21**, art. id. 186

1524. Roy, A., Patel, S. R., Sarkar, A., Chatterjee, A., Chitnis, V. R., Multiwavelength study of the quiescent states of six brightest Flat Spectrum Radio Quasars detected by Fermi-LAT, 2021, *MNRAS*, **504**, 1103–1114

1525. Juryšek, J., Sliusar, V., Moulin, D., Walter, R., Observational constraints on the blazar jet wobbling timescales, 2021, 37th International Cosmic Ray Conference, *Proceedings of Science*, **395**, id. 643

1526. Moretti, A., Ghisellini, G., Caccianiga, A., Belladitta, S., Della Ceca, R., Ighina, L., Sbarrato, T., Severgnini, P., Spingola, C., Insubria, U., Minute-timescale variability in the X-ray emission of the highest redshift blazar, 2021, *ApJ*, **920**, art. id. 15

1527. Yoo, S., Lee, S.-S., Kim, S.-H., An, H., Investigation of the Jets of the Blazar 3C 279 with Korean VLBI Network (KVN) 22-129 GHz Observations, 2021, *J. Astron. Space Sci.*, **38(4)**, 193-202
1528. Perlman, E. S., Meyer, E. T., Wang, Q. D., Yuan, Q., Henriksen, R., Irwin, J., Li, J., Wiegert, T., Li, H., Lightcurve Evolution of the nearest Tidal Disruption Event: A late-time, radio-only flare, 2022, *ApJ*, **925**, art. id. 143
1529. Pandey, A., Rajput, B., Stalin, C. S., Correlation between optical flux and polarization variations in flat-spectrum Radio Quasars on diverse time-scales, 2022, *MNRAS*, **510**, 1809–1836
1530. Pacciani, L., Evidence for a moving emitting region from waiting times of Gamma-ray flares of Flat Spectrum Radio Quasars, 2022, *A&A*, **658**, A164
1531. Wang, Z.-R., Liu, R.-Y., Petropoulou, M., Oikonomou, F., Xue, R., Wang, X.-Y., A unified model for orphan and multi-wavelength blazar flares, 2022, *Phys. Rev. D*, **105(2)**, art. id. 023005
1532. Tolamatti, A., Ghosal, B., Singh, K. K., et al., Long-term multi-wavelength study of temporal and spectral properties of 3C 279, *Astroparticle Physics*, 2022, **139**, art. id. 102687
1533. Sol, H., Relativistic Jets and Very High Energy Mechanisms, 2022, in *Active Galactic Nuclei*, John Wiley & Sons, Ltd, USA, pp. 155-231
1534. Sol, H., Zech, A., Blazars at Very High Energies: Emission Modelling, 2022, *Galaxies*, **10**, art. id. 105
1535. Lambert, S., Pierron, A., Sol, H., Parsec-scale Jets in AGN: Insights into the Location of the γ -Ray Emission from Geodetic VLBI, Gaia EDR3, and Fermi-LAT, 2023, Proceedings of the 12 th General Meeting of the International VLBI Service for Geodesy and Astrometry, 275-280
1536. Dmytriiev, A., Boettcher, M., Machipi, T. O., Correlation between emission-line luminosity and gamma-ray dominance in the blazar 3C 279, 2023, *ApJ*, **949**, art. id. 28
1537. Wani, K. A., Gaur, H., Patil, M. K., X-ray Studies of Blazar 1ES 1959+650 Using SWIFT & XMM-NEWTON Satellite, 2023, *ApJ*, **951**, art. id. 94
1538. Kaye, C., Cawthorne, T. V., Marti, J.-M., Hughes, P. A., Simulation of polarized emission from recollimation shocks in relativistic jets, 2023, *MNRAS*, **524**, 4765–4777
1539. Massaro, F., White, S. V., Paggi, A., et al., Powerful Radio Sources in the Southern Sky. II. A Swift X-Ray Perspective, 2023, *ApJ Supp.*, **268**, art. id. 32
1540. Novikova, P., Shishkina, E., Blinov, D., Repeated patterns of gamma-ray flares reveal structured jets of blazars as likely neutrino sources, 2023, *MNRAS*, **526**, 347–368
1541. Chen, M., Jiang, Y., Multiple-wavelength Correlation and Variation Study for 3C 279 at Various Timescales, 2023, *PASP*, **135**, art. id. 094101
1542. Thekkoth, A., Sahayanathan, S., Shah, Z., Paliya, V. S., Ravikumar, C. D., Understanding the Broadband Emission Process of 3C 279 through Longterm Spectral Analysis, 2023, *MNRAS*, **526**, 6364–6380
- Acciari, V. A., Ansoldi, S., Antonelli, L. A., ..., Semkov, E., et al., Unravelling the complex behavior of Mrk 421 with simultaneous X-ray and VHE observations during an extreme flaring activity in April 2013, 2020, *ApJ Supp.*, **248**, art. id. 29
1543. Gupta, Alok C., X-ray Flux and Spectral Variability of the TeV Blazars Mrk 421 and PKS 2155-304, 2020, *Galaxies*, **8**, art. id. 64
1544. Alves Batista, R., Saveliev, A., The Gamma-Ray Window to Intergalactic Magnetism, 2021, *Universe*, **7**, art. id. 223
1545. Polkas, M., Petropoulou, M., Vasilopoulos, G., Mastichiadis, A., Urry, M. C., Coppi, P., Bailyn, C., A numerical study of long-term multi-wavelength blazar variability, 2021, *MNRAS*, **505**, 6103–6120
1546. Mondal, S., Rani, P., Stalin, C. S., Chakrabarti, S. K., Rakshit, S., Flux and spectral variability of Mrk 421 during its moderate activity state using NuSTAR: Possible accretion disc contribution?, 2022, *A&A*, **663**, A178

1547. Priyana Noel, A., Gaur, H., Gupta, A. C., Wierzcholska, A., Ostrowski, M., Dhiman, V., Bhatta, G., X-ray intraday variability of the TeV blazar Mrk 421 with *XMM-Newton*, 2022, *ApJS*, **262**, art. id. 4
1548. Brill, A., Variability Signatures of a Burst Process in Flaring Gamma-ray Blazars, 2022, *ApJ*, **936**, art. id. 147
1549. Truzzi, S., Event classification in MAGIC through Convolutional Neural Networks, 2022, PhD Thesis, Department of Physical Sciences, Earth and Environment, University of Siena, Italy
1550. Pineda, M. M. C., Estudio de Correlaciones en los Flujos Observados en Óptico, Radio y Rayos-gamma del Blazar Mrk 421, 2022, PhD Thesis, Escuela de Ciencias Físicas y Matemáticas, Universidad de San Carlos de Guatemala, Guatemala
1551. Reddy Pininti, V., Bhatta, G., Paul, S., Kumar, A., Rajgor, A., Barnwal, R., Gharat, S., Exploring Short-Term Optical Variability of Blazars Using TESS, 2023, *MNRAS*, **518**, 1459–1471
1552. Bhatta, G., Zola, S., Drozd, M., Reichart, D., Haislip, J., Kouprianov, V., Matsumoto, K., Sonbas, E., Caton, D., Pajdosz-Śmierciak, U., Simon, A., Provencal, J., Góra, D., Stachowski, G., Catching profound optical flares in blazars, 2023, *MNRAS*, **520**, 2633–2643
1553. Hu, W., Yan, D.-h., Hu, Q.-l., Two-injection scenario for the hard X-ray excess observed in Mrk 421, 2023, *ApJ*, **948**, art. id. 82
1554. Kapanadze, B. Gamma-ray Emission and Variability Processes in High-Energy-Peaked BL Lacertae Objects, 2023, *Universe*, **9**, art. id. 344
1555. Wang, Z.-R., Xue, R., Xiong, D., Wang, H.-Q., Sun, L.-M., Peng, F.-K., Mao, J., Broadband multi-wavelength study of LHAASO detected Active Galactic Nuclei, 2024, *ApJS*, **271**, art. id. 10
1556. Paliya, V. S., Very High-Energy (>50 GeV) Gamma-ray Flux Variability of Bright Fermi Blazars, 2024, *ApJ*, **963**, art. id. 47
- Pandey, A., Gupta, A. C., Kurtanidze, S. O., Wiita, P. J., Damjanovic, G., Bachev, R., Zhang, J., Kurtanidze, O. M., Darriba, A., Chigladze, R. A., Latev, G., Nikolashvili, M. G., Peneva, S., Semkov, E., Strigachev, A., Tiwari, S. N., Vince, O., Optical Variability of the TeV Blazar 1ES 0806+524 on Diverse Timescales, 2020, *ApJ*, **890**, art. id. 72
1557. Zhang, B.-K., Zhao, X.-Y., Wu, Q., Optical Spectral Variations of a Large Sample of Fermi Blazars, 2022, *ApJ Supp. Ser.*, **259**, art. id. 49
1558. Fang, Y., Chen, Q., Zhang, Y., Wu, J., Multi-wavelength Variation Phenomena of PKS 0735+178 on Diverse Timescale, 2020, *ApJ*, **933**, art. id. 224
1559. Zheng, Q., Zhang, X., Yuan, Q., About 300 days optical quasi-periodic oscillations in the long-term light curves of the blazar PKS 2155-304, 2022, *RAA*, **22(8)**, art. id. 085024
- Pieńkowski, D., Gałan, C., Tomov, T., ..., Semkov, E., et al., International observational campaign of the 2014 eclipse of EE Cep, 2020, *A&A*, **639**, A23
1560. Torres, G., Sakano, K., Eta Geminorum: An Eclipsing Semiregular Variable Star Orbited by a Companion Surrounded by an Extended Disc, 2022, *MNRAS*, **516**, 2514–2521
- Weaver, Z. R., Williamson, K. E., Jorstad, S. G., ..., Semkov, E., et al., Multi-Wavelength Variability of BL Lacertae Measured with High Time Resolution, 2020, *ApJ*, **900**, art. id. 137
1561. Zhu, S., Timlin, J., Brandt, W. N., The X-ray spectral and variability properties of typical radio-loud quasar, 2021, *MNRAS*, **505**, 1954–1971
1562. Bhatta, G., Characterizing Long-term Optical Variability Properties of γ -ray Bright Blazars, 2021, *ApJ*, **923**, art. id. 7
1563. Webb, J. R., Arroyave, V., Laurence, D., Revesz, S., Bhatta, G., Hollingsworth, H., Dhalla, S., Howard, E., Cioffi, M., The Nature of Micro-Variability in Blazars, 2021, *Galaxies*, **9(4)**, art. id. 114

1564. Komossa, S., Grupe, D., Gallo, L. C., Gonzalez, A., Yao, S., Hollett, A. R., Parker, M. L., Ciprini, S., MOMO IV: The complete Swift X-ray and UV/optical light curve and characteristic variability of the blazar OJ 287 during the last two decades, 2021, *ApJ*, **923**, art. id. 51
1565. D'Ammando, F., NICER, NuSTAR and Swift follow-up observations of the g-ray flaring blazar BL Lacertae in 2020 August-October, 2022, *MNRAS*, **509**, 52–67
1566. Fan, X.-L., Yan, D.-H., Wu, Q.-W., Chen, X., Constraining Evolution of Magnetic Field Strength in Dissipation Region of Two BL Lac Objects, 2021, *RAA*, **21(12)**, art. id. 302
1567. Fang, Y., Zhang, Y., Chen, Q., Wu, J., Intraday Optical Multiband Observation of BL Lacertae, 2022, *ApJ*, **926**, art. id. 91
1568. Zhang, B.-K., Zhao, X.-Y., Wu, Q., Optical Spectral Variations of a Large Sample of Fermi Blazars, 2022, *ApJ Supp. Ser.*, **259**, art. id 49
1569. Sahakyan, N., Giommi, P., A 13-yr-long broad-band view of BL Lac, 2022, *MNRAS*, **513**, 4645–4656
1570. Andonie, C., Bauer, F. E., Carraro, R., Arevalo, P., Alexander, D. M., Brandt, W. N., Buchner, J., He, A., Koss, M. J., Ricci, C., Salinas, V., Solimano, M., Tortosa, A., Treister, E., Localizing narrow Fe K α emission within bright AGN, 2022, *A&A*, **664**, A46
1571. Rajput, B., Pandey, A., Stalin, C. S., Mathew, B., Study of correlation between optical flux and polarization variations in BL Lac objects, 2022, *MNRAS*, **517**, 3236–3256
1572. Izviekova, I. O., Ponomarenko, V. A., Pulatova, N. G., Vasylenko, V. V., Simon, A. O., Photometric variability of BL Lacertae and 1ES 1426+428 blazars in the optical and gamma ranges, 2022, *Kinematics and physics of celestial bodies*, **38**, 59-78
1573. Imazawa, R., Sasada, M., Hazama, N., Fukazawa, Y., Kawabata, K. S., Nakaoka, T., Akitaya, H., Bohn, T., Gangopadhyay, A., The microvariability and wavelength dependence of polarization degree/angle of BL Lacertae in the outburst 2020 to 2021, 2023, *PASJ*, **75**, 1–13
1574. Han, T., Brandt, T. D., TESS-Gaia Light Curve: a PSF-based TESS FFI light curve product, 2023, *AJ*, **165**, art. id.71
1575. Agarwal, S., Banerjee, B., Shukla, A., Roy, J., Acharya, S., Vaidya, B., Chitnis, V. R., Wagner, S. M., Mannheim, K., Branchesi, M., Flaring activity from magnetic reconnection in BL Lacertae, 2023, *MNRAS Lett.*, **521**, L53–L58
1576. Agarwal, A., Mihov, B., Agrawal, V., Zola, S., Ozdonmez, A., Ege, E., Slavcheva-Mihova, L., Reichart, D. E., Caton, D. B., Das, A. K., Analysis of the intra-night variability of BL Lacertae during its August 2020 flare, 2023, *ApJ Suppl.*, **265**, art. id. 51
1577. Wehrle, A. E., Carini, M., Wiita, P. J., Pepper, J., Gaudi, B. S., Pogge, R. W., Stassun, K. G., Villaneuva, S., K2 Optical Emission from OJ 287 and Other Gamma-Ray Blazars on Hours-to-Weeks Timescales from 2014-2018, 2023, *ApJ*, **951**, art. id. 58
1578. Jeong, H.-W., Lee, S.-S., Cheong, W. Y., Kim, J.-Y., Lee, J. W., Kang, S., Kim, S.-H., Rani, B., Park, J., Gurwell, M. A., Double SSA Spectrum and Magnetic Field Strength of the FSRQ 3C 454.3, 2023, *MNRAS*, **523**, 5703–5718
1579. Fausnaugh, M. M., Valleley, P. J., Tucker, M. A., Kochanek, C. S., Shappee, B. J., Ricker, G. R., Vanderspek, R., Agarwal, M., Daylan, T., Jayaraman, R., Hounsell, R., Muthukrishna, D., Four years of Type Ia Supernovae Observed by TESS: Early Time Light Curve Shapes and Constraints on Companion Interaction Models, 2023, *ApJ*, **956**, 108
1580. Xu, J., Hu, S., Chen, X., Jiang, Y., Alexeeva, S., A small scale structure model of jet based on the observation of microvariability, 2023, *ApJ Suppl.*, **268**, art. id. 54
1581. Ugol'kova, L. S., Pshirkov, M. S., Goranskij, V. P., Ikonnikova, N. P., Safonov, B. S., Tatarnikov, A. M., Shimanovskaya, E. V., Burlak, M. A., Afonina, M. D., Investigation of the Flaring Activity of BL Lac in July-November 2021, 2023, *Astron. Let.*, **49(5)**, 216-228
1582. Yuan, Y. H., Du, G. J., Fan, J. H., Liu, Y., Yang, J. H., Ding, G. Z., Pei, Z. Y., Optical Monitoring and Intraday Variabilities of BL Lacertae, 2023, *ApJ Supp. Ser.*, **269**, art. id. 60
1583. Morcuende Parrilla, D., Study of the performance of the first Large-Sized Cherenkov telescope of CTA, the relevance of fluorescence in the Cherenkov technique and the

- multiwavelength emission from the blazar 1ES 0647+250, 2023, PhD Thesis, Facultad de Ciencias Fisicas, Universidad Complutense de Madrid, Spain
1584. Shah, Z., Multi-wavelength variability and broadband SED modeling of BL Lac during a bright flaring period MJD 59000-59943, 2024, *MNRAS*, **527**, 5140–5154
1585. Li, H.-Z., Guo, D.-F., Qin, L.-H., Yi, T.-F., Liu, F., Gao, Q.-G., Chang, X., The optical intra-day variability of BL laceratae object 2200 + 420, 2024, *MNRAS*, **528**, 6823-6835
1586. Tolamatti, A., Singh, K. K., Yadav, K. K., Central Engine and Spectral Energy Distribution Properties of High Redshift Gamma Ray Blazars, 2024, *Galaxies*, **12**, art. id. 10
1587. Poore, E., Carini, M., Dingler, R., Wehrle, A. E., Wiita, P. J., A Comparative Study of TESS Light Curve Extraction Methods Applied to Blazars, 2024, *ApJ*, **966**, art. id. 158
- Raiteri, C. M., Villata, M., Carosati, D., Benítez, E., Kurtanidze, S. O., Gupta, A. C., Mirzaqulov, D. O., D'Ammando, F., Larionov, V. M., Pursimo, T., Acosta-Pulido, J. A., Baida, G. V., Balmaverde, B., Bonnoli, G., Borman, G. A., Carnerero, M. I., Chen, W.-P., Dhiman, V., Di Maggio, A., Ehgamberdiev, S. A., Hiriart, D., Kimeridze, G. N., Kurtanidze, O. M., Lin, C. S., Lopez, J. M., Marchini, A., Matsumoto, K., Mujica, R., Nakamura, M., Nikiforova, A. A., Nikolashvili, M. G., Okhmat, D. N., Otero-Santos, J., Rizzi, N., Sakamoto, T., Semkov, E., Sigua, L. A., Stiaccini, L., Troitsky, I. S., Tsai, A.-L., Vasilyev, A. A., Zhovtan, A. V., The dual nature of blazar fast variability. Space and ground observations of S5 0716+714, 2021, *MNRAS*, **501**, 1100–1115
1588. Goyal, A., Optical variability power spectrum analysis of blazar sources on intranight timescales, 2021, *ApJ*, **909**, art. id. 39
1589. Tillayev, Y., Azimov, A., Hafizov, A., Astronomical Seeing at Maidanak Observatory during the Year 2018, 2021, *Galaxies*, **9(2)**, art. id. 38
1590. Acharya, S., Borse, N. S., Vaidya, B., Numerical Analysis of Long-term Variability of AGN Jets through RMHD Simulations, 2021, *MNRAS*, **506**, 1862–1878
1591. Krishnan, S., Markowitz, A. G., Schwarzenberg-Czerny, A., Middleton, M. J., Detection of periodic signals in AGN red noise light curves: empirical tests on the Auto-Correlation Function and Phase Dispersion Minimization, 2021, *MNRAS*, **508**, 3975–3994
1592. Fan, X.-L., Yan, D.-H., Wu, Q.-W., Chen, X., Constraining Evolution of Magnetic Field Strength in Dissipation Region of Two BL Lac Objects, 2021, *RAA*, **21(12)**, art. id. 302
1593. Combes Françoise, Active Galactic Nuclei: Fuelling and Feedback, 2022, Iop Publishing Ltd, Ammazon Press, USA
1594. Pacciani, L., Evidence for a moving emitting region from waiting times of Gamma-ray flares of Flat Spectrum Radio Quasars, 2022, *A&A*, **658**, A164
1595. Chen, J., Yi, T., Gong, Y., Yang, X., Chen, Z., Chang, X., Mao, L., A 31.3 day transient quasi-periodic oscillation in gamma-ray emission from the blazar S5 0716+714, 2022, *ApJ*, **938**, art. id. 8
1596. Imazawa, R., Sasada, M., Hazama, N., Fukazawa, Y., Kawabata, K. S., Nakaoka, T., Akitaya, H., Bohn, T., Gangopadhyay, A., The microvariability and wavelength dependence of polarization degree/angle of BL Lacertae in the outburst 2020 to 2021, 2023, *PASJ*, **75**, 1–13
1597. Reddy Pininti, V., Bhatta, G., Paul, S., Kumar, A., Rajgor, A., Barnwal, R., Gharat, S., Exploring Short-Term Optical Variability of Blazars Using TESS, 2023, *MNRAS*, **518**, 1459–1471
1598. Lu, L., Zhou, W.-L., Luo, G.-Y., Sun, B., Research on a 3.7-year quasi-periodic oscillation for FSRQ J0351-1153, 2023, *RAA*, **23**, art. id. 015012
1599. Król, D. Ł., Stawarz, Ł., Krzesinski, J., Cheung, C. C., Possible Gravitational Microlensing Events in the Optical Lightcurve of Active Galaxy S5 0716+714, 2023, *ApJ*, **943**, art. id. 171
1600. Agarwal, A., Mihov, B., Agrawal, V., Zola, S., Ozdonmez, A., Ege, E., Slavcheva-Mihova, L., Reichart, D. E., Caton, D. B., Das, A. K., Analysis of the intra-night variability of BL Lacertae during its August 2020 flare, 2023, *ApJ Suppl.*, **265**, art. id. 51

1601. Wehrle, A. E., Carini, M., Wiita, P. J., Pepper, J., Gaudi, B. S., Pogge, R. W., Stassun, K. G., Villaneuva, S., K2 Optical Emission from OJ 287 and Other Gamma-Ray Blazars on Hours-to-Weeks Timescales from 2014-2018, 2023, *ApJ*, **951**, art. id. 58
1602. Morcuende Parrilla, D., Study of the performance of the first Large-Sized Cherenkov telescope of CTA, the relevance of fluorescence in the Cherenkov technique and the multiwavelength emission from the blazar 1ES 0647+250, 2023, PhD Thesis, Facultad de Ciencias Fisicas, Universidad Complutense de Madrid, Spain
1603. Tripathi, A., Smith, K. L., Wiita, P. J., Wagoner, R. V., Optical Quasi-periodic Oscillations in the TESS light curves of three blazars, 2024, *MNRAS*, **527**, 9132–9144
1604. Lu, L., Sun, B., Fang, Z.-X., Wan, M., Gong, Y., Research on a 44 Day Quasi-periodic Oscillation of Optical Bands for BL Lac S5 0716+714, 2024, *ApJ*, **961**, art. id. 180
1605. Tripathi, A., Smith, K. L., Wiita, P. J., Wagoner, R. V., Search for Quasi-Periodic Oscillations in TESS light curves of bright Fermi Blazars, 2024, *MNRAS*, **528**, 6608–6618
1606. Sagar, R., Gopal-Krishna, Pathway to Devasthal Astronomical Observatory, ARIES, 2024, *Indian Journal of History of Science*, **59(1)**, 90-107
1607. Sokolovsky, K. V., Aydi, E., Malanchev, K., Burke, C. J., et. Al., TESS photometry of the nova eruption in V606 Vul: asymmetric photosphere and multiple ejections?, 2024, *ApJ*, accepted
1608. Järvelä, E., Savolainen, T., Berton, M., Lähteenmäki, A., Kiehlmann, S., Hovatta, T., Varglund, I., Readhead, A. C. S., Tornikoski, M., Max-Moerback, W., Reeves, R. A., Suutarinen, S., Unprecedented extreme high-frequency radio variability in early-stage active galactic nuclei, 2024, *MNRAS*, accepted
1609. Poore, E., Carini, M., Dingler, R., Wehrle, A. E., Wiita, P. J., A Comparative Study of TESS Light Curve Extraction Methods Applied to Blazars, 2024, *ApJ*, **966**, art. id. 158
- Bachev, R., Strigachev, A., Kurtenkov, A., Spassov, B., Nikolov, Y., Boeva, S., Semkov, E., Optical follow-up of TXS 0506+056 after the neutrino detection, 2021, *BlgAJ*, **34**, 79-85
1610. Kalita, N., Gupta, A. C., Gu, M., Optical variability of a newly discovered blazar sample from the BZCAT Catalog, 2021, *ApJ Suppl.*, **257**, art. id. 41
1611. Agarwal, A., Mihov, B., Agrawal, V., Zola, S., Ozdonmez, A., Ege, E., Slavcheva-Mihova, L., Reichart, D. E., Caton, D. B., Das, A. K., Analysis of the intra-night variability of BL Lacertae during its August 2020 flare, 2023, *ApJ Suppl.*, **265**, art. id. 51
1612. McCall, C., Jermak, H. E., Steele, I. A., Kobayashi, S., Knapen, J. H., Sánchez-Alarcón, P. M., Detection of an intranight optical hard-lag with colour variability in blazar PKS 0735+178, 2024, *MNRAS*, **528**, 4702–4719
- Ibryamov, S., Semkov, E., A new prolonged decrease event in the brightness of the young stellar object V2492 Cygni, 2021, *BlgAJ*, **35**, 54-59
1613. Arkharov, A. A., On the nature of photometric activity of the young star V2492 Cyg, 2022, *Proceedings of the Main Astronomical Observatory in Pulkovo*, **227**, 5-13
1614. Ghosh, A. Sharma, S. Ninan, J. P., Ojha, D. K., Gour, A. S., Pandey, R., Sinha, T., Verma, A., Singh, K., Ghosh, S., Kaur, H., Spectroscopy of 9 eruptive young variables using TANSPEC, 2023, *J. Astrophys. Astr.*, **44**, art. id. 50
- Raiteri, C. M., Villata, M., Larionov, V. M., ..., Semkov, E. H. et al., The complex variability of blazars: Time-scales and periodicity analysis in S4 0954+65, 2021, *MNRAS*, **504**, 5629–5646
1615. Sun, J., Guo, Y., Deng, X., Li, H., Gao, Z., Wang, Z., Xie, Z., Du, L., Analyzing the Variations in the Spectral Energy Distribution of the Flat Spectrum Radio Quasar 3C279, 2021, *Astronomical Research & Technology*, **18(4)**, 32-47
1616. Ye, X. H., Zeng, X. T., Yang, W. X., Huang, H. S., Xuan, Y. H., Huang, J. W., Zhang, Z., Pei, Z. Y., Yang, J. H., Fan, J. H., A study of Intrinsic γ -ray Emission for *Fermi*/LAT-detected BL Lacs, 2021, *Ap&SS*, **366**, Art. num. 110

1617. Webb, J. R., Arroyave, V., Laurence, D., Revesz, S., Bhatta, G., Hollingsworth, H., Dhalla, S., Howard, E., Cioffi, M., The Nature of Micro-Variability in Blazars, 2021, *Galaxies*, **9(4)**, art. id. 114
1618. Pacciani, L., Evidence for a moving emitting region from waiting times of Gamma-ray flares of Flat Spectrum Radio Quasars, 2022, *A&A*, **658**, A164
1619. Dong, F., Gai, N., Tang, Y., Wang, Y.-F., Yi, T.-F., Evidence of quasi-periodic oscillation in the optical band of the blazar 1ES 1959+650, 2022, *RAA*, **22**, art. id. 115001
1620. Izviekova, I. O., Ponomarenko, V. A., Pulatova, N. G., Vasylenko, V. V., Simon, A. O., Photometric variability of BL Lacertae and 1ES 1426+428 blazars in the optical and gamma ranges, 2022, *Kinematics and physics of celestial bodies*, **38**, 59-78
1621. Han, T., Brandt, T. D., TESS-Gaia Light Curve: a PSF-based TESS FFI light curve product, 2023, *AJ*, **165**, art. id.71
1622. Kim, S.-L., Asteroseismic Determination of Stellar Rotation: On Synchronization in the Close Eclipsing Binaries AB Cas and OO Dra, 2023, *ApJ*, **948**, art. id. 16
1623. Gong, Y., Tian, S., Zhou, L., Yi, T., Fang, J., Two Transient Quasi-periodic Oscillations in γ -Ray Emission from the Blazar S4 0954+658, 2023, *ApJ*, **949**, art. id. 39
1624. Tripathi, A., Smith, K. L., Wiita, P. J., Wagoner, R. V., Optical Quasi-periodic Oscillations in the TESS light curves of three blazars, 2024, *MNRAS*, **527**, 9132–9144
1625. Pandey, A., Kushwaha, P., Wiita, P. J., Prince, R., Czerny, B., Stalin, C. S., Origin of broadband emission from the transition blazar B2 1308+326, 2024, *A&A*, **681**, A116
1626. Poore, E., Carini, M., Dingler, R., Wehrle, A. E., Wiita, P. J., A Comparative Study of TESS Light Curve Extraction Methods Applied to Blazars, 2024, *ApJ*, **966**, art. id. 158
- Acciari, V. A., Ansoldi, S., Antonelli, L. A., . . . , Semkov, E., et al., Investigation of the correlation patterns and the Compton dominance variability of Mrk 421 in 2017, 2021, *A&A*, **655**, A89
1627. Hu, W., Yan, D.-H., On the narrow spectral feature at ~ 3 TeV in the MAGIC spectrum of Mrk 501, 2021, *MNRAS*, **508**, 4038–4046
1628. Li, H.-J., Relevance of VHE Blazar Spectra Models with Axion-Like Particles, 2022, *Journal of Cosmology and Astroparticle Physics*, **2022**, art. id. 025
1629. Mondal, S., Rani, P., Stalin, C. S., Chakrabarti, S. K., Rakshit, S., Flux and spectral variability of Mrk 421 during its moderate activity state using NuSTAR: Possible accretion disc contribution?, 2022, *A&A*, **663**, A178
1630. Li, H.-J., Probing Photon-ALP Oscillations from the Flat Spectrum Radio Quasar 4C+21.35, 2022, *Physics Letters B*, **829**, art. id. 137047
1631. Albert, A., Alfaro, R., Alvarez, C. et al., Long-term Spectra of the Blazars Mrk 421 and Mrk 501 at TeV Energies Seen by HAWC, 2022, *ApJ*, **929**, art. id. 125
1632. Nalewajko, K. Magnetic Reconnection in Relativistic Jets, 2022, *Acta Physica Polonica B Proceedings Supplement*, **15**, 3-A18
1633. Wendel, C., Spectral Imprints from Electromagnetic Cascades in Blazar Jets, 2022, PhD thesis, Universität Würzburg, Germany
1634. Guo, Y., Sun, J., Song, Y., Xu, Y., Xie, Z., Du, L., Analyzing the Variations in the Spectral Energy Distribution of the BL Lac Object Mrk 421. 2023, *Astronomical Research and Technology*, **20(1)**, 1-14
1635. Hu, W., Yan, D.-h., Hu, Q.-l., Two-injection scenario for the hard X-ray excess observed in Mrk 421, 2023, *ApJ*, **948**, art. id. 82
1636. Kapanadze, B. Gamma-ray Emission and Variability Processes in High-Energy-Peaked BL Lacertae Objects, 2023, *Universe*, **9**, art. id. 344
1637. Liu, R.-Y., Xue, R., Wang, Z.-R., Tan, H.-B., Böttcher, M., A multi-zone view on the multi-wavelength emission of blazars, 2023, *MNRAS*, **526**, 5054–5071
1638. Wang, Z.-R., Xue, R., Xiong, D., Wang, H.-Q., Sun, L.-M., Peng, F.-K., Mao, J., Broadband multi-wavelength study of LHAASO detected Active Galactic Nuclei, 2024, *ApJS*, **271**, art. id. 10

1639. Paliya, V. S., Very High-Energy (>50 GeV) Gamma-ray Flux Variability of Bright Fermi Blazars, 2024, *ApJ*, 963, art. id. 47

Semkov, E. H., Peneva, S. P., Ibryamov, S. I., Long-term optical photometric monitoring of the FUor star V900 Mon, 2021, *SAJ*, **202**, 31-38

1640. Lykou, F., Ábrahám, P., Cruz-Sáenz de Miera, F., Varga, J., Kóspál, Á., Bouwman, J., Chen, L., Kraus, S., Sitko, M. L., Russell, R. W., Pikhartova, M., The disk of the eruptive protostar V900 Mon; a MATISSE/VLTI and MUSE/VLT perspective, 2024, *A&A*, **682**, A75

1641. Ashraf, M., Jose, J., Lee, H.-G., Contreras Peña, C., Herczeg, G., Liu, H., Johnstone, D., Lee, J.-E., An outburst and FU Ori-type disk of a former low luminosity protostar, 2024, *MNRAS*, **527**, 11651–11663

Semkov, E., Ibryamov, S. Peneva, S., The FUor star V2493 Cyg (HBC 722) - eleven years at maximum brightness, 2021, *Symmetry*, **13(12)**, art. id. 2433

1642. Zhang, Y.-K., Chen, X., Song, S.-M., Wang, Y.-X., Luminosity Outburst Energized by the Collision between the Infalling Streamer and Disk in W51 North, 2023, *AJ*, **166**, art. id. 21

1643. Ghosh, A., Sharma, S., Ninan, J. P., Ojha, D. K., Bhatt, B. C., Sahu, D. K., Baug, T., Yadav, R. K., Irawati, P., Gour, A. S., Panwar, N., Pandey, R., Sinha, T., Verma, A., Post-outburst evolution of bonafide FUor V2493 Cyg: A Spectro-photometric monitoring, 2023, *ApJ*, **954**, art. id. 82

1644. Cleaver, J., Hartmann, L., Bae, J., Magnetically-activated accretion outbursts of pre-main sequence discs, 2023, *MNRAS*, **523**, 5522–5534

1645. Nederlander, A., Plunkett, A., Hales, A., Kóspál, Á., White, J. A., Johnstone, M. A., Kun, M., Ábrahám, P., Hughes, A. G., An Outbursting Protostar: The environment of L1251 VLA 6, 2024, *ApJ*, **964**, art. id.49

Mutafov, A., Semkov, E., Peneva, S., Ibryamov, S., Long-term Photometric Study of the Pre-main Sequence Star V1180 Cas, 2022, *RAA*, **22**, art. id. 125014

1646. Ghosh, A. Sharma, S. Ninan, J. P., Ojha, D. K., Gour, A. S., Pandey, R., Sinha, T., Verma, A., Singh, K., Ghosh, S., Kaur, H., Spectroscopy of 9 eruptive young variables using TANSPEC, 2023, *J. Astrophys. Astr.*, **44**, art. id. 50

Markowitz, A. G., Nalewajko, K., Bhatta, G., Dewangan, G. C., Chandra, S., Dorner, D., Schleicher, B., Pajdosz-Śmierciak, U., Stawarz, Ł., Zola, S., Ostrowski, M., Carosati, D., Krishnan, S., Bachev, R., Benítez, E., Gazeas, K., Hiriart, D., Hu, S.-M., Larionov, V., Marchini, A., Matsumoto, K., Nikiforova, A. A., Pursimo, T., Raiteri, C. M., Reichart, D. E., Rodriguez, D., Semkov, E., Strigachev, A., Sugiura, Y., Villata, M., Webb, J. R., Arbet-Engels, A., Baack, D., Balbo, M., Biland, A., Bretz, T., Buss, J., Eisenberger, L., Elsaesser, D., Hildebrand, D., Iotov, R., Kalenski, A., Mannheim, K., Mitchell, A., Neise, D., Noethe, M., Paravac, A., Rhode, W., Sliusar, V., Walter, R., Rapid X-ray Variability in Mkn 421 during a Multiwavelength Campaign, 2022, *MNRAS*, **513**, 1662

1647. Guo, Y., Sun, J., Song, Y., Xu, Y., Xie, Z., Du, L., Analyzing the Variations in the Spectral Energy Distribution of the BL Lac Object Mrk 421. 2023, *Astronomical Research and Technology*, **20(1)**, 1-14

1648. Acharya, S., Vaidya, B., Kalpa Dihingia, I., Agarwal, S., Shukla, A., A numerical study on the role of instabilities on multi-wavelength emission signatures of blazar jets, 2023, *A&A*, **671**, A161

1649. Frascchetti, F., Anastasopoulou, K., Drake, J. J., Evans, N. R., Non-thermal X-rays from pulsation-driven shocks in Cepheids, 2023, *ApJ*, **944**, art. id.62

1650. Das, S., Chatterjee, R., Correlated Short-Timescale Hard-Soft X-ray Variability of the Blazars Mrk 421 and 1ES 1959+650 using AstroSat, 2023, *MNRAS*, **524**, 3797–3808

Jorstad, S., Marscher, A., Raiteri, C., ..., Semkov, E. et al., Rapid Quasi-Periodic Oscillations in the Relativistic Jet of BL Lacertae, 2022, *Nature*, **609**, 7926, 265–268

1651. Wang, A., An, T., Guo, S., Mohan, P., Chamani, W., Baan, W. A., Hovatta, T., Falcke, H., Galvin, T. J., Hurley-Walker, N., Jaiswal, S., Lahteenmaki, A., Lao, B., Lv, W., Tornikoski, M., Zhang, Y., Interactions between the jet and disk wind in a nearby radio intermediate quasar III Zw 2, 2023, *ApJ*, **944**, art. id. 187

1652. Agarwal, A., Mihov, B., Agrawal, V., Zola, S., Ozdonmez, A., Ege, E., Slavcheva-Mihova, L., Reichart, D. E., Caton, D. B., Das, A. K., Analysis of the intra-night variability of BL Lacertae during its August 2020 flare, 2023, *ApJ Suppl.*, **265**, art. id. 51

1653. Gong, Y., Tian, S., Zhou, L., Yi, T., Fang, J., Two Transient Quasi-periodic Oscillations in γ -Ray Emission from the Blazar S4 0954+658, 2023, *ApJ*, **949**, art. id. 39

1654. Tian, P., Zhang, P., Wang, W., Wang, P., Sun, X., Liu, J., Zhang, B., Dai, Z., Yuan, F., Zhang, S., Liu, Q., Jiang, P., Wu, X., Zheng, Z., Chen, J., Li, D., Zhu, Z., Pan, Z., Gan, H., Chen, X., Sai, N., Sub-second periodic radio oscillations in a microquasar, 2023, *Nature*, **621**, 271–275

1655. Ben-Ami, S., Ofek, E. O., Polishook, D., et al., The Large Array Survey Telescope -- Science Goals, 2023, *PASP*, **135**, art. id. 085002

1656. Ugol'kova, L. S., Pshirkov, M. S., Goranskij, V. P., Ikonnikova, N. P., Safonov, B. S., Tatarnikov, A. M., Shimanovskaya, E. V., Burlak, M. A., Afonina, M. D., Investigation of the Flaring Activity of BL Lac in July–November 2021, 2023, *Astron. Lett.*, **49(5)**, 216–228

1657. Banerjee, A., Negi, V., Joshi, R., Kumar, N., Wiita, P. J., Chand, H., Rawat, N., Wu, X.-B., Ho, L. C., Probable low-frequency quasi-periodic oscillations in blazars from the ZTF survey, 2023, *MNRAS*, **526**, 5172–5186

1658. Webb, J. R., Sanz, I. P., The Structure of Micro-Variability in the WEBT BL Lacertae Observation, 2023, *Galaxies*, **11**, art. id. 108

1659. Kim, D.-W., Janssen, M., Krichbaum, T. P., Boccardi, B., MacDonald, N. R., Ros, E., Lobanov, A. P., Zensus, J. A., First GMVA observations with the upgraded NOEMA facility: VLBI imaging of BL Lacertae in a flaring state?, 2023, *A&A Lett.*, **680**, L3

1660. Yuan, Y. H., Du, G. J., Fan, J. H., Liu, Y., Yang, J. H., Ding, G. Z., Pei, Z. Y., Optical Monitoring and Intraday Variabilities of BL Lacertae, 2023, *ApJ Supp. Ser.*, **269**, art. id. 60

1661. Tripathi, A., Smith, K. L., Wiita, P. J., Wagoner, R. V., Optical Quasi-periodic Oscillations in the TESS light curves of three blazars, 2024, *MNRAS*, **527**, 9132–9144

1662. McCall, C., Jermak, H. E., Steele, I. A., Kobayashi, S., Knapen, J. H., Sánchez-Alarcón, P. M., Detection of an intranight optical hard-lag with colour variability in blazar PKS 0735+178, 2024, *MNRAS*, **528**, 4702–4719

1663. Tripathi, A., Smith, K. L., Wiita, P. J., Wagoner, R. V., Search for Quasi-Periodic Oscillations in TESS light curves of bright Fermi Blazars, 2024, *MNRAS*, **528**, 6608–6618

Vara-Lubiano, M., Benedetti-Rossi, G., Santos-Sanz, P., ..., Semkov, E. et al., The multichord stellar occultation on 2019 October 22 by the trans-Neptunian Object (84922) 2003 VS₂, 2022, *A&A*, **663**, A121

1664. Kamiński, K., Weber, C., Marciniak, A., Żołnowski, M., Gędek, M., Reaching sub-millisecond accuracy in stellar occultations and artificial satellites tracking, 2023, *PASP*, **135**, 1044, art. id. 025001

Dhiman, V., Gupta, A. C., Kurtanidze, S. O., Eglitis, I., Strigachev, A., Damljanovic, G., Wiita, P. J., Gu, M., Gaur, H., Vince, O., Bachev, R., Bisen, D. P., Ibryamov, S., Ivanidze, R. Z., Jovanovic, M. D., Kurtanidze, O. M., Nikolashvili, M. G., Semkov, E., Spassov, B., Stojanovic, M., Villarroel, B., Xu, H., Zhang, Z., Multi-band Optical Variability of the TeV Blazar PG 1553+113 in 2019, 2023, *MNRAS*, **519**, 2796–2811

1665. Negi, V., Gopal-Krishna, Chand, H., Britzen, S., Intranight optical variability of TeV blazars with parsec-scale jets dominated by slow-moving radio knots, 2023, *MNRAS Lett.*, **524**, L66–L71

1666. Sagar, R., Gopal-Krishna, Pathway to Devasthal Astronomical Observatory, ARIES, 2024, *Indian Journal of History of Science*, **59(1)**, 90-107

Abe, H., Abe, S., Acciari, V. A., ..., Semkov, E., et al., Multi-messenger characterization of Mrk 501 during historically low X-ray and γ -ray activity, 2023, *ApJ Supp.*, **266**, art. id. 37

1667. Kapanadze, B. Gamma-ray Emission and Variability Processes in High-Energy-Peaked BL Lacertae Objects, 2023, *Universe*, **9**, art. id. 344

1668. Kapanadze, B., Gurchumelia, A., Aller, M., Long-term X-Ray Outburst in the TeV-detected Blazar Mrk 501 in 2021–2022: Further Clues for the Emission and Unstable Processes, 2023, *ApJ Supp.*, **268**, art. id. 20

1669. Wang, Z.-R., Xue, R., Xiong, D., Wang, H.-Q., Sun, L.-M., Peng, F.-K., Mao, J., Broadband multi-wavelength study of LHAASO detected Active Galactic Nuclei, 2024, *ApJS*, **271**, art. id. 10

1670. Paliya, V. S., Very High-Energy (>50 GeV) Gamma-ray Flux Variability of Bright Fermi Blazars, 2024, *ApJ*, **963**, art. id. 47

1671. Bora, H., Khatoon, R., Misra, R., Gogoi, R., Estimating the Jet Power from Broadband SED modeling of Mkn 501 for different particle distributions, 2024, *MNRAS*, **529**, 4433–4441

1672. Zhang, H.-Q., Lin, D.-B., Liu, K., Liang, E.-W., Revisiting the Polarization of the Emission of the Internal Shock in the Jet of Blazars, 2024, *ApJ*, **965**, art. id. 58

1673. Liu, L., Jiang, Y., Deng, J., Chen, Z., Ma, C., Unveiling the Emission and Variation Mechanism of Mrk 501: Using the Multi-Wavelength Data at Different Time Scale, 2024, *Universe*, **10(3)**, art. id.114

Bachev, R., Tripathi, T., Gupta, A. C., Kushwaha, P., Strigachev, A., Kurtenkov, A., Nikolov, Y., Boeva, S., Damjanovic, G., Vince, O., Stojanovic, M., Kishore, S., Gaur, H., Dhiman, V., Fan, J., Kalita, N., Spassov, B., Semkov, E., Intra-night optical flux and polarization variability of BL Lacertae during its 2020 – 2021 high state, 2023, *MNRAS*, **522**, 3018–3035

1674. Weitian, H., Gongming, N., Lisheng, M., Mid-infrared Variability Properties of Gamma-ray-loud Narrow Line Seyfert 1 Galaxy TXS 1206+549, 2023, *Astronomical Research and Technology*, **20(5)**, 383-395

1675. McCall, C., Jermak, H. E., Steele, I. A., Kobayashi, S., Knapen, J. H., Sánchez-Alarcón, P. M., Detection of an intranight optical hard-lag with colour variability in blazar PKS 0735+178, 2024, *MNRAS*, **528**, 4702–4719

Zamanov, R., Semkov, E., Kostov, A., Boeva, S., Latev, G., The recurrent nova T CrB - decrease of the U band brightness, 2023, *The Astronomer's Telegram*, #**16213**

1676. Shafter, A. W., Yousuf, I., Luo, A. "Photometric Monitoring of the Recurrent Nova T Coronae Borealis", 2023, *ATel*, **16337**, 1

1677. Merc, J., Beck, P. G., Mathur, S., García, R. A., Accretion-induced flickering variability among symbiotic stars from space photometry with NASA TESS, 2024, *A&A*, **683**, A84

Semkov, E., Pre-main sequence stars, 2023, *BulgAJ*, **39**, 94-99

1678. Kuhn, M. A., Hillenbrand, L. A., Connelley, S., Staels, B., Carvalho, A. S., Lucas, P. W., Karambelkar, V. R., Fremling, C., Lee, E., Ahumada, T., Ishida, E. E. O., De, K., de Souza, R. S., Kasliwal, M., The 2022-2023 accretion outburst of the young star V1741 Sgr, 2024, *MNRAS*, **529**, 2630–2646

Abe, H., Abe, S., Abhir, J., ..., Semkov, E. et al., The variability patterns of the TeV blazar PG 1553+113 from a decade of MAGIC and multi-band observations, 2024, *MNRAS*, **529**, 3894–3911

1679. Salion, F. M., Caratterizzazione dell'emissione in multifrequenza del blazar gamma PG 1553+113, 2024, Tesi di Laurea in Fisica, University of Padova, Italy