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The bibliographical entries for *Individual Stars* and *Collections of Data*, as well as a few *General* entries, are categorized according to the following coding scheme. Data from archives or databases, or previously published, are identified with an asterisk. The observation codes in the first four groups may be followed by one of the following wavelength codes.

- g. γ -ray. i. infrared. m. microwave. o. optical
 r. radio u. ultraviolet x. x-ray

1. Photometric data

- a. CCD b. Photoelectric c. Photographic d. Visual

2. Spectroscopic data

- a. Radial velocities b. Spectral classification c. Line identification d. Spectrophotometry

3. Polarimetry

- a. Broad-band b. Spectropolarimetry

4. Astrometry

- a. Positions and proper motions b. Relative positions only c. Interferometry

5. Derived results

- a. Times of minima b. New or improved ephemeris, period variations
 c. Parameters derivable from light curves d. Elements derivable from velocity curves
 e. Absolute dimensions, masses f. Apsidal motion and structure constants
 g. Physical properties of stellar atmospheres h. Chemical abundances
 i. Accretion disks and accretion phenomena j. Mass loss and mass exchange
 k. Rotational velocities

6. Catalogues, discoveries, charts

- a. Catalogues b. Discoveries of new binaries and novae
 c. Identification of optical counterparts of γ -ray, x-ray, IR, or radio sources d. Finding charts

7. Observational techniques

- a. New instrument development b. Observing techniques
 c. Reduction procedures d. Data-analysis techniques

8. Theoretical investigations

- a. Structure of binary systems b. Circumstellar and circumbinary matter
 c. Evolutionary models d. Loss or exchange of mass and/or angular momentum

9. Statistical investigations

10. Miscellaneous

- a. Abstract b. Addenda or errata

Abbreviations

AD	accretion disk	IP	intermediate polar	RV	radial velocity
BH	black hole	LC	light curve	SB	spectroscopic binary
CB	close binary	LMXB	low-mass x-ray binary	WD	white dwarf
CV	cataclysmic variable	NS	neutron star	WR	Wolf-Rayet star
EB	eclipsing binary	PSR	pulsar	GW	gravitational wave
HMXB	high-mass x-ray binary	QPO	quasi-periodic oscillation		

Individual Stars

OT And	<i>Fekel, F.C. et al.</i> (6 authors) 2022, AJ 164, 224. (1a, 2a, 5abcde) High-dispersion spectroscopy and <i>BV</i> photometry of the A-type EB.
V455 And	<i>Dudnik, A.A. et al.</i> (5 authors) 2023, AstBu 78, 25. (2, 5eg) The WZ Sge-type dwarf nova in quiescent state.
V724 And	<i>Wang, S. et al.</i> (4 authors) 2022, RAA 22, 115004. (1ao, 2co, 5abcegj) Magnetic-activity contact binary.
π Aqr	<i>Tsujimoto, M. et al.</i> (4 authors) 2022, PASJ 75, 177. (2adox, 5deij) X-ray and optical spectroscopic study of the γ Cas analog source.
V1294 Aql	<i>Harmanec, P. et al.</i> (24 authors) 2022, A&A 666, A136. (1abo*, 2acdo, 5d) A bad boy among Be stars or an important clue to the Be phenomenon?
V1343 Aql (SS 433)	<i>Fogantini, F.A. et al.</i> (5 authors) 2023, A&A 669, A149. (2x, 5j) Precessional evolution of the HMXB jet-disk system. <i>Inoue, H.</i> 2022, PASJ 74, 1263. (5ij, 8ad) Steady jet ejections from the innermost region of advection-dominated accretion flow around the BH. <i>Kayama, K. et al.</i> (9 authors) 2022, PASJ 74, 1143. (2dx, 5ij) X-ray structure and spectral variation of non-thermal emission of the west SS 433/W 50 region.
V1408 Aql (4U 1957+115)	<i>Mudambi, S.P. et al.</i> (4 authors) 2022, MNRAS 517, 4489. (1ax, 2dx, 5ij) Spectral characteristics of the BH binary.
V1487 Aql (GRS 1915+105)	<i>Alberti, T. et al.</i> (4 authors) 2022, MNRAS 517, 3568. (1ax, 2dx, 5ij) Stochastic dynamical description of the HMXB κ and ρ bursting classes. <i>Mikusincova, R. et al.</i> (8 authors) 2023, MNRAS 519, 6138. (3bx, 8a) X-ray polarimetry as a tool to measure the BH spin: IXPE simulations. <i>Vincentelli, F.M. et al.</i> (24 authors) 2023, Nature 615, 45. (1irux, 5i) A BH and NS shared accretion instability.
V801 Ara (4U 1636–536)	<i>Pinaki, R., Beri, A., Mondal, A.S.</i> 2022, JApA 43, 45. (1ax, 2dx, 5ij) Thermonuclear X-ray bursts with short-recurrence times. <i>Wiśniewicz, M. et al.</i> (5 authors) 2023, ApJ 944, 214. (1x) QPOs.
V821 Ara (GX 339-4)	<i>Peirano, V. et al.</i> (4 authors) 2023, MNRAS 519, 1336. (1ax, 2dx, 5ij) Dual-corona Comptonization model for the BH LMXB type-b QPOs.
RS Ari	<i>Yücel, G., Bakiş, V.</i> 2022, MNRAS 516, 2486. (1ao, 2a, 5cdeg, 8c) Detailed evolutionary model.
V455 Aur	<i>Yücel, G., Bakiş, V.</i> 2022, MNRAS 516, 2486. (1ao, 2a, 5cdeg, 8c) Detailed evolutionary model.
V749 Aur	<i>Chang, L.-F. et al.</i> (4 authors) 2022, PASJ 74, 1421. (1ao, 5abce) Poor-thermal contact binary.
V808 Aur	<i>Sytov, A.Y., Sobolev, A.V.</i> 2022, ARep 66, 936. (7c, 8) Synthetic Doppler tomography of the eclipsing polar.
V849 Aur	<i>Pejcha, O. et al.</i> (8 authors) 2022, A&A 667, A53. (1ao, 2co, 5abceifgk) Misaligned orbits and period resonance in the double-eclipsing EB.
ZZ Boo	<i>Southworth, J.</i> 2023, Obs 143, 19. (1ao, 2ao*, 5e) Rediscovery of EBs Paper 12: An F-type twin system.
CR Boo	<i>Boneva, D. et al.</i> (7 authors) 2022, Ap&SS 367, 110. (1ao) AM CVn system humps and superhumps, and outburst parameters.
EW Boo	<i>Kim, H.-Y. et al.</i> (7 authors) 2022, AJ 164, 216. (1a, 2a, 5abcde) Short-period Algol with a δ Sct pulsator.

AN Cam	<i>Yücel, G., Bakış, V.</i> 2022, MNRAS 516, 2486. (1ao, 2a, 5cdeg, 8c) Detailed evolutionary model.
AS Cam	<i>Kozyreva, V.S., Kusakın, A.V., Bogomazov, A.I.</i> 2022, PZ 42, 10. (1ao) EB LCs.
BY Cam	<i>Mason, P.A. et al.</i> (10 authors) 2022, ApJ 938, 142. (1ao, 8d) Magnetic valve at L1 position.
HM Cnc	<i>Munday, J. et al.</i> (18 authors) 2023, MNRAS 518, 5123. (1ao, 2cu, 5ab, 8c) Two decades of optical timing of the shortest-period double WD system.
IQ CMa	<i>Ulaş, B., Ulusoy, C.</i> 2023, MNRAS 518, 4180. (1ao*, 5c) Algol-type EB with a δ Scuti component.
η Car	<i>Abraham, Z. et al.</i> (5 authors) 2022, MNRAS 517, 47.(2cr) Telluric absorption lines in the ALMA spectra. <i>Strawn, E. et al.</i> (17 authors) 2023, MNRAS 519, 5882. (2aco, 5d) Orbital kinematics over three periastra with a possible detection of the secondary's motion.
QZ Car	<i>Brož, M. et al.</i> (19 authors) 2022, A&A 666, A24. (2ao*, 4co*, 5e, 8) N-body model. <i>Mayer, P. et al.</i> (21 authors) 2022, A&A 666, A23. (1abo*, 2ao*, 5cde) Hot quadruple system with an EB (Ac1+Ac2) and an SB (Aa1+Aa2).
V395 Car (2S 0921–630)	<i>Yoneyama, T., Dotani, T.</i> 2023, PASJ 75, 30. (2dx*, 5gi) The eclipsing LMXB AD corona.
RX Cas	<i>Mennickent, R.E. et al.</i> (9 authors) 2022, A&A 666, A51. (1aio, 5abc) Cyclic changes in the interacting binary.
AO Cas	<i>Abdul Qadir, Y. et al.</i> (5 authors) 2023, A&A 670, A176. (3ao, 5c) High-precision broadband linear polarimetry of the early-type binary.
V523 Cas	<i>Yang, Y. et al.</i> (4 authors) 2022, RAA 22, 125012. (1ao, 2ao, 5abcegj) Light and period variations of the K-type contact binary.
V608 Cas	<i>Lloyd, C.</i> 2022, Obs 142, 256. (1ao, 5b) Is this a quadruple system?
V1022 Cas	<i>Fekel, F.C. et al.</i> (6 authors) 2022, AJ 164, 224. (1a, 2a, 5abcde) High-dispersion spectroscopy and <i>BV</i> photometry of the F-type EB.
V1264 Cas	<i>Alenazi, M.S., Elkhateeb, M.M.</i> 2022, Ap 65, 470. (1a, 5ce) EB LC modeling.
V779 Cen (Cen X-3)	<i>Bachtar, R. et al.</i> (4 authors) 2022, MNRAS 517, 5138. (1ax, 2dx, 4ij) AstroSat timing and spectral studies in multiple luminosity states. <i>Liu, Q. et al.</i> (9 authors) 2022, MNRAS 516, 5579. (1x, 5bcg) Detection of a QPO. <i>Tamba, T. et al.</i> (6 authors) 2023, ApJ 944, 9. (1x, 2x) Orbital- and spin-phase variability in the X-ray emission from the accreting PSR. <i>Torregrosa, Á. et al.</i> (5 authors) 2022, RMxAA 58, 355. (2cdx, 5i) The HMXB seen by MXI over six years. <i>Tsygankov, S.S. et al.</i> (99 authors) 2022, ApJL 941, L14. (3ax) Relationship between polarization and activity. <i>Yang, W. et al.</i> (7 authors) 2023, MNRAS 519, 5402. (2dx, 5i) Two cyclotron resonance scattering features in the X-ray PSR by Insight-HXMT.
V822 Cen (Cen X-4)	<i>van den Eijnden, J. et al.</i> (6 authors) 2022, MNRAS 516, 2641. (1rx, 5cegi) Radio observations at low accretion rates.
V830 Cen (1E 1145.1–6141)	<i>Ghising, M. et al.</i> (5 authors) 2022, MNRAS 517, 4132. (1ax, 2dx, 5ij) HMXB.

VW Cha	<i>Zsidi, G. et al.</i> (6 authors) 2022, ApJL 941, 177. (1io, 2ao) Accretion variability.
QR Com	<i>Wang, S. et al.</i> (4 authors) 2022, RAA 22, 115004. (1ao, 2co, 5abcegj) Magnetic-activity contact binary.
RT Cru	<i>Pujol, A. et al.</i> (12 authors) 2023, A&A 670, A32. (1ux, 2co, 5j) Paused accretion in the symbiotic binary.
BP Cru (GX 301-2)	<i>Simaz Bunzel, A. et al.</i> (4 authors) 2023, A&A 670, A80. (8c) Evolution of the eccentric HMXB.
SS Cyg	<i>Kimura, M., Osaki, Y.</i> 2023, PASJ 75, 250. (1ao*, 5ci, 8ad) LC simulations of the 2021 anomalous event in the dwarf nova.
V367 Cyg	<i>Davidge, T.J.</i> 2022, AJ 164, 149. (2a, 5d) Analysis of red shell spectra.
V404 Cyg	<i>Fender, R.P. et al.</i> (11 authors) 2023, MNRAS 518, 1243. (1ai*x*, 4cr, 5j) Particle acceleration and kinetic feedback from the HMXB.
V1341 Cyg (Cyg X-2)	<i>Farinelli, R. et al.</i> (95 authors) 2023, MNRAS 519, 3681. (2dx*, 3bx, 5i) The NS LMXB accretion geometry from X-ray polarization.
V1357 Cyg (Cyg X-1)	<i>Krawczynski, H. et al.</i> (114 authors) 2022, Sci 378, 650. (1agx, 3box, 5ij) Polarized X-rays constrain the disk-jet geometry in the BH HMXB. <i>Zhou, M. et al.</i> (15 authors) 2022, A&A 666, A172. (2dx) Spectral-timing analysis with Indight-HXMT.
V1687 Cyg (WR 140)	<i>Eatson, J.W., Pittard, J.M., Van Loo, S.</i> 2022, MNRAS 517, 4705. (8abd) Dust growth in the episodic WCd system.
V2246 Cyg (EXO 2030+375)	<i>Tamag, R. et al.</i> (5 authors) 2022, MNRAS 515, 5407. (1x, 5cgi) Spectral and timing analysis.
V2840 Cyg	<i>Pothuneni, R.R., Devarapalli, S.P., Jagirdar, R.</i> 2023, RAA 23, 025017. (1ao*, 2co, 5abcegj, 6a) Contact binary.
α Eri (Achernar)	<i>Kervella, P. et al.</i> (19 authors) 2022, A&A 667, A111. (2ao, 3bio, 4cio, 5dekj) The binary system of the spinning-top Be star.
KT Eri	<i>Schaefer, B.E. et al.</i> (4 authors) 2022, MNRAS 517, 3864. (1aio, 2ao*, 5bdegi) Recurrent nova with a 40-50 yr recurrence time-scale.
U Gru	<i>Johnston, C. et al.</i> (7 authors) 2023, A&A 670, A167. (1ao*, 2ao) Tidal perturbations and pulsation eclipse mapping in the hierarchical triple.
89 Her	<i>Gallardo Cava, I. et al.</i> (5 authors) 2023, A&A 671, A80. (4cr, 5j) The nebula around the binary post-AGB star.
AM Her	<i>Ridder, M.E. et al.</i> (4 authors) 2023, MNRAS 519, 5922. (1x, 4cr) Radio detection of the unusual polar.
V934 Her (4U 1700+24)	<i>Ablimit, I.</i> 2023. MNRAS 519. 1327. (8bcd) A promising formation channel for the symbiotic XB.
V1494 Her (CRTS J172718.0+431624)	<i>Papageorgiou, A. et al.</i> (6 authors) 2023, AJ 165, 80. (1a, 5bc) Ultra-short-period contact EB.
V664 Lac	<i>Alenazi, M.S., Elkhateeb, M.M.</i> 2022, Ap 65, 470. (1a, 5ce) EB LC modeling.
HI Leo	<i>Yang, Y. et al.</i> (4 authors) 2022, RAA 22, 125012. (1ao, 2ao, 5abcaegj) Light and period variations of the K-type contact binary.
V373 Lib (1SWASP J150957.56–115308.4)	<i>Barani, C. et al.</i> (6 authors) 2022, RMxAA 58, 237. (1ao, 2ao, 5abcde) Overcontact binary.
HT Lyn	<i>Meng, Z.-B. et al.</i> (5 authors) 2022, RAA 22, 115015. (1ao, 5abce) Semi-detached near-contact binary with stable orbital period.

IR Lyn	<i>Meng, Z.-B. et al.</i> (5 authors) 2022, RAA 22, 115015. (1ao, 5abce) Semi-detached near-contact binary with stable orbital period.
V563 Lyr	<i>Nelson, R.H.</i> 2022, RMxAA 58, 223. (1ao, 2ao, 5abcde) Overcontact binary.
AW Men	<i>Ulaş, B., Ulusoy, C.</i> 2023, MNRAS 518, 4180. (1ao*, 5c) Algol-type EB with a δ Scuti component.
AT Mic	<i>Kuznrysov, A.A. et al.</i> (4 authors) 2023, RAA 23, 015006. (1aux, 5ij) Flares.
V616 Mon (1A 0620–00)	<i>dePolo, D.L. et al.</i> (8 authors) 2022, MNRAS 516, 4640. (1r, 5cgi) Flickering radio jet from the quiescent BH XB.
V838 Mon	<i>Liimets, T. et al.</i> (18 authors) 2023, A&A 670, A13. (1ao, 2bo) A slow waking up of Sleeping Beauty?
GV Nor	<i>Sürgit, D. et al.</i> (8 authors) 2023, MNRAS 519, 4699. (1ao, 2ao, 5cdefgk) Apsidal motion and absolute parameters.
V381 Nor	<i>Rink, K.Caiazzo, I., Heyl, J.</i> 2022, MNRAS 517, 1389. (1ax, 8) Testing general relativity using QPOs from the BH XB.
RS Oph	<i>Molaro, P. et al.</i> (10 authors) 2023, MNRAS 518, 2614. (2cou, 5gh) ^7Be detection in the recurrent nova 2018 outburst. <i>Munari, U. et al.</i> (8 authors) 2022, A&A 666, L6. (2co, 4cr, 5j) Bipolar ejecta from the 2021 nova outburst. <i>Ness, J.-U. et al.</i> (12 authors) 2023, A&A 670, A131. (2x, 5j) High-resolution 2006 and 2021 X-ray spectra revealing the SSS variability cause. <i>Rushton, M.T. et al.</i> (7 authors) 2022, MNRAS 517, 2526. (2cdi, 5ij) Rise and fall of silicate dust following the 2006 outburst.
V2400 Oph	<i>Ridder, M.E. et al.</i> (4 authors) 2023, MNRAS 519, 5922. (1x, 4cr) Radio detection of the unusual IP.
KN Per	<i>Gao, X.-Y. et al.</i> (9 authors) 2022, PASP 134, 114202. (1a, 2a, 5abc) Long-period low-mass-ratio CB.
V518 Per (GRO J0422+32)	<i>Casares, J. et al.</i> (14 authors) 2022, MNRAS 516, 2023. (1x, 5cgi) Evidence for a low-mass BH in the system.
SZ Psc	<i>Karmakar, S. et al.</i> (4 authors) 2023, MNRAS 518, 900. (1aoux, 2dx, 5gj) Superflare and coronal properties of the RS CVn-type EB.
TY Psc	<i>Dudnik, A.A. et al.</i> 5 authors 2023, AstBu 78, 25. (2, 5eg) Parameters of the SU UMa-type dwarf nova in quiescent state.
FL Psc	<i>Dudnik, A.A. et al.</i> 5 authors 2023, AstBu 78, 25. (2, 5eg) Parameters of the WZ Sge-type dwarf nova in quiescent state.
QX Sge (PSR B1957+20)	<i>Lin, F.X. et al.</i> (6 authors) 2023, MNRAS 519, 121. (1r, 5j, 8ab) Plasma lensing near the eclipses of the black widow PSR.
<i>v</i> Sgr	<i>Gilkis, A., Shenar, T.</i> 2023, MNRAS 518, 3541. (2acou*, 5degik) Unveiling the hidden companion and a binary in a second mass transfer stage.
V3890 Sgr	<i>Evans, A. et al.</i> (7 authors) 2022, MNRAS 517, 6077. (2ci, 5ghij) The 2019 eruption reveals separation into equatorial and polar winds.
V3890 Sgr	<i>Kaminsky, B. et al.</i> (11 authors) 2022, MNRAS 517, 6064. (2cio, 5gh) The recurrent nova red giant component.
V4142 Sgr	<i>Rosales, J.A. et al.</i> (7 authors) 2023, A&A 670, A94. (1ao*, 2au, 5cd) Double periodic variable with an accretor surrounded by the AD's atmosphere.
V4580 Sgr (SAX J1808.4–3658)	<i>Illiano, G. et al.</i> (22 authors) 2023, ApJL 942, L35. (1x, 2x) Accreting millisecond X-ray PSR 2022 outburst; orbit may be shrinking.

	<i>Sharma, R., Sanna, A., Beri, A.</i> 2023, MNRAS 519, 3811. (1ax, 2dx, 5i) The 2019 outburst.
V4634 Sgr (GS 1826–238)	<i>Capitanio, F. et al.</i> (97 authors) 2023, ApJ 943, 129. (1x, 2x, 3b) Polarization properties of the weakly magnetized NS XB in the high soft state.
V4641 Sgr	<i>Shaw, A.W. et al.</i> (10 authors) 2022, MNRAS 516, 124. (1x, 5cegi) High resolution X-ray spectroscopy.
V5097 Sgr (WR 104)	<i>Soulain, A. et al.</i> (5 authors) 2023, MNRAS 518, 3211. (8abd) Dust nucleation in the colliding-wind WR system.
V5856 Sgr	<i>Munari, U. et al.</i> (7 authors) 2022, A&A 667, A7. (1aoux, 2co, 5egj) Persistent nuclear burning in the fast nova. <i>Williams, R. et al.</i> (7 authors) 2022, ApJL 941, 138. (2acio) Multiepoch coverage of the sustained high-luminosity nova.
V818 Sco (Sco X-1)	<i>Abbott, R. et al.</i> (1695 authors) 2022, ApJL 941, L30. Model-based cross-correlation search for GWs from the LMXB in LIGO O3 data. <i>Fedorova, A.V., Tutukov, A.V.</i> ARep 66, 925. (8ac) Evolution of the XB within the framework of the induced stellar wind model.
V881 Sco	<i>Sürgit, D. et al.</i> (8 authors) 2023, MNRAS 519, 4699. (1ao, 2ao, 5cdefgk) Apsidal motion and absolute parameters.
V907 Sco	<i>Zasche, P. et al.</i> (4 authors) 2023, AJ 165, 81. (1a, 2a, 5abcd) Unique triple system switched to eclipsing mode again.
V1033 Sco (GRO J1655–40)	<i>Rink, K.Caiazzo, I., Heyl, J.</i> 2022, MNRAS 517, 1389. (1ax, 8) Testing general relativity using QPOs from the BH XB. <i>Tomaru, R., Done, C., Mao, J.</i> 2023, MNRAS 518, 1789. (2dgx*, 5ij) The wind from the BH AD in the LMXB.
V490 Sct	<i>Volkov, I.M., Kravtsova, A.S.</i> 2022, AJ 164, 194. (1a, 5abcf) Apsidal motion and physical parameters.
V659 Sct (Nova Sct 2019)	<i>Munari, U., Righetti, G.L., Dallaporta, S.</i> 2022, MNRAS 516, 4805. (1ao, 2a, 5cdeg) Multiple flares caused by mass ejection episodes.
NP Ser (GX 17+2)	<i>Wang, D.-H., Zhang, C.-M., Lei, Y.-J.</i> 2022, RAA 22, 125010. (1ax*, 5i) AD structure and X-ray radiation from kHz QPOs and cross-correlations.
DQ Tau	<i>Pouilly, K. et al.</i> (6 authors) 2023, MNRAS 518, 5072. (2ao, 3bo, 5dfgi) Accretion, magnetic fields and apsidal motion in the pre-main-sequence binary.
V471 Tau	<i>Kundra, E. et al.</i> (7 authors) 2022, MNRAS 517, 5358, (1ao, 5ab) Variability of eclipse timings.
V725 Tau (1A 0535+262)	<i>Chhotaray, B. et al.</i> (6 authors) 2023, MNRAS 518, 5089. (2cdox, 5i) The Be/XB 2020 outburst. <i>Hou, X. et al.</i> (5 authors) 2023, ApJ 944, 57. (1gx, 2gx) Deep search for γ -ray emission from the accreting X-ray PSR. <i>Ma, R. et al.</i> (24 authors) 2022, MNRAS 517, 1988. (1ax, 5i) mHz QPOs challenge current models. <i>van den Eijnden, J. et al.</i> (9 authors) 2022, MNRAS 516, 4844. (1r, 5cgi) Radio monitoring.
V773 Tau	<i>Kenworthy, M.A. et al.</i> (12 authors) 2022, A&A 666, A61. (1ao, 5cijk, 8b) Eclipse of the Aa-Ab CB by the B component disk.
QV Tel (HR 6819)	<i>Romagnolo, A. et al.</i> (5 authors) 2022, A&A 667, A55. (8c, 9) Testing the presence of a dormant BH in the inner binary.
KZ TrA (4U 1626–673)	<i>Marshall, H.L. et al.</i> (95 authors) 2022, ApJ 940, 70. (2dx, 3ax) Two-component models of the pulsed emission.

BG Tri	<i>Stefanov, S.Y. et al.</i> (4 authors) 2022, MNRAS 516, 2775. (1ao, 5bceg) Detailed photometric study.
ZZ UMa	<i>Southworth, J.</i> 2022, Obs 142, 267. (1ao, 2ao*, 5e) Rediscussion of EBs Paper 11: a solar-type system with total eclipses and a radius discrepancy.
HU Vel (PSR J0835–4510)	<i>Xie, F. et al.</i> (93 authors) 2022, Nature 612, 658. (3bx, 5j) Vela PSR wind nebula X-rays are polarized to near the synchrotron limit. <i>Yan, S.-Z. et al.</i> (5 authors) 2023, ChA&A 47, 91. (1r, 5c) Observations of a single pulse.
QS Vir	<i>Ridder, M.E. et al.</i> (4 authors) 2023, MNRAS 519, 5922. (1x, 4cr) Radio detection of the unusual CV.
W Vol	<i>Ulaş, B., Ulusoy, C.</i> 2023, MNRAS 518, 4180. (1ao*, 5c) Algol-type EB with a δ Scuti component.
QU Vul	<i>Santamaría, E. et al.</i> (5 authors) 2022, MNRAS 517, 2567. (2co, 5j) Integral field spectroscopy case study of a nova shell.
V406 Vul (XTE J1859+226)	<i>Motta, S.E. et al.</i> (8 authors) 2022, MNRAS 517, 1469. (1ax*) BH mass and spin through the relativistic precession model using a QPO triplet. <i>Yanes-Rizo, I.V. et al.</i> (11 authors) 2022, MNRAS 517, 1476. (1aio, 2abio, 5bcde) A refined dynamical mass for the BH and companion.

HR, HD, HDE, BD, CoD, CPD, SAO Objects

HD 3191	<i>Martí, J. et al.</i> (5 authors) 2023, Ap&SS 368, 7. (2ao, 5b) Hints in the RV data of the XB photometric period with the Joan Oró telescope.
HD 5980	<i>Koenigsberger, G. et al.</i> (8 authors) 2022, RMxAA 58, 403. (2adou, 5dgj) The WR system wind-wind collision.
HD 71636	<i>Fekel, F.C. et al.</i> (6 authors) 2022, AJ 164, 224. (1a, 2a, 5abcde) High-dispersion spectroscopy and <i>BV</i> photometry of the F-type EB.
HD 73900	<i>Abu-Dhaim, A. et al.</i> (6 authors) 2022, AcA 72, 171. (2d, 5d) Physical parameters of the binary system.
HD 152147	<i>Putkuri, C. et al.</i> (7 authors) 2022, MNRAS 517, 3101. (2ao, 5degk) The massive supergiant SB2 orbit: a new target for interferometry.
HD 187276 (KIC 10417986)	<i>Feng, G.-J. et al.</i> (12 authors) 2022, RAA 22, 105005. (1ao*, 2aco, 5bcdegh) Spectroscopic confirmation of the nature of the binary with a δ Sct component.
HD 265435	<i>Qi, W.-Z., Liu, D.-D., Wang, B.</i> 2023, RAA 23, 015008. (8bcd) Type Ia SN progenitor candidate.
HR 6819	(see QV Tel)
BD+47°378	<i>Hong, K. et al.</i> (6 authors) 2022, AJ 164, 121. (1a, 2a, 5cde) EB containing a δ Sct pulsating star.
CPD–29°2176	<i>Richardson, N.D. et al.</i> (9 authors) 2023, Nature 614, 45. (2aodx, 5bd) HMXB descended from an ultra-stripped SN.
CPD–54°810	<i>Miller, N.J. et al.</i> (5 authors) 2022, MNRAS 517, 5129. (1aou, 2ao, 5bcdeg) Fundamental effective temperature of the detached EB.

CPD–65°264

Hernandez, M.S. et al. (9 authors) 2022, MNRAS 517, 2867. (1ao*, 2aou, 5bcdeg) The WD binary pathways survey – VIII. A post-common envelope binary with a massive WD and an active G-type secondary star.

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2MASS J00073480–1605314
(Gaia 0007–1605)

Lagos, F. et al. (4 authors) 2023, MNRAS 519, 2302. (8c) Common envelope evolution and triple dynamics as potential pathways to form the inner WD + brown dwarf binary of the triple system.

XMMU J001446.8–391123

Robba, A. et al. (17 authors) 2022, MNRAS 515, 4669. (1x, 5cgi) A transient ULX in NGC 55.

PNV J00444033+4113068

Tampo, Y. et al. (16 authors) 2022, PASJ 74, 1287. (1ao, 2co, 5abci) WZ Sge-type dwarf nova.

1SWASP J010313.78+352903.7

Wang, Z., Zhu, L., Yuan, K. 2023, RAA 23, 015003. (1ao, 5abcgi) Totally eclipsing EB in poor thermal contact.

HE 0107–5240

Aguado, D.S. et al. (25 authors) 2022, A&A 668, A86. (2ao, 5deg) The CEMP-no star with $[\text{Fe}/\text{H}] \leq -4.5$ is an SB with a period of ≈ 36 yr.

RX J0209.6–7427

Hou, X. et al. (13 authors) 2022, ApJ 938, 149. (2dx) Main pulsed X-ray emission from the HMXB emission column fan beam.

Liu, J. et al. (7 authors) 2022, MNRAS 517, 3354. (2dx, 5i) Super-Eddington accretion.

Swift J0243.6+6124

Liu, J. et al. (7 authors) 2022, MNRAS 517, 3354. (2dx, 5i) Super-Eddington accretion.

Liu, W. et al. (11 authors) 2022, A&A 666, A110. (1aio, 2dox, 5i) HMXB multiwavelength observations.

GRO J0422+32

(see V518 Per)

SWIFT J0503.7–2819

Rawat, N. et al. (5 authors) 2022, MNRAS 517, 1667. (1aox, 2dx, 5bei) A nearly synchronous IP below the period gap?

eRASSU J050810.4–660653

Ghising, M. et al. (5 authors) 2023, MNRAS 518, 893. (1ax, 2dx, 5ij) Spectral and timing analysis of the LMC Be/XB.

2MASS J05160118–3124457
(TOI-450)

Tofflemire, B.M. et al. (15 authors) 2023, AJ 165, 46. (1a, 2b, 5abcde) Low-mass pre-main-sequence EB in the Columba association.

eRASSU J052914.9–662446

Maitra, C. et al. (15 authors) 2023, A&A 669, A30. (1ao, 2x) Broadband study and the discovery of pulsations from the Be/XB in the LMC.

Rai, B. et al. (5 authors) 2022, MNRAS 517, 4092. (1ax, 2dx, 5ij) Spectral and timing properties of the recently discovered Be/X-ray PSR.

1RXS J053246.1–662203
(LMC X-4)

Sharma, R. et al. (4 authors) 2023, MNRAS 519, 1764. (1ax, 2dx, 5i) HMXB broad-band mHz QPOs and spectral study.

1A 0535+262

(see V725 Tau)

2MASS J06083197–5932280
(TOI-1338)

Gakis, D., Gourgouliatos, K.N. 2023, MNRAS 519, 3832. (7d) Binary and circumbinary planet orbits.

2MASS J06195643–1758186
(TIC 60040774)

Priyatikanto, R. et al. (4 authors) 2022, MNRAS 516, 1183. (1ao, 2a, 5abcdeg) A binary with a WD primary and a main sequence secondary.

1A 0620–00

(see V616 Mon)

ZTF J064726.39+223431.6

Kovalev, M. et al. (4 authors) 2023, MNRAS 519, 5454. (1ao, 2aco, 5cdegk) SB2 and detached EB.

MAXI J0709–159	<i>Sugizaki, M. et al.</i> (13 authors) 2022, PASJ 74, 1131. (1ax, 2cdox, 5ij, 6bc) Supergiant fast X-ray transient associated with the Be star LY CMa.
2MASS J07144779+2749504 (ATO J108.6991+27.8306)	<i>Ma, S. et al.</i> (6 authors) 2022, RAA 23, 035012. (1ao, 5abcg) Relatively deep, low mass-ratio contact binary.
PSR J0737–3039	<i>Hu, H. et al.</i> (19 authors) 2022, A&A 667, A149. (4cr) Gravitational signal propagation in the double PSR studied with the MeerKAT telescope.
PSR J0740+6620	<i>Salmi, T. et al.</i> (18 authors) 2022, ApJL 941, 150. (1x, 2x) The radius from NICER with background estimates.
ASAS J082151–0612.6	<i>Wadhwa, S.S. et al.</i> (7 authors) 2022, RAA 22, 105009. (1aou*x*, 5ceg) Potential red nova progenitor.
2MASS J08343881+3133147 (TIC 172900988)	<i>Gakis, D., Gourgouliatos, K.N.</i> 2023, MNRAS 519, 3832. (7d) Binary and circumbinary planet orbits.
PSR J0835–4510	(see HU Vel)
2S 0921–630	(see V395 Car)
GRO J1008–57	<i>van den Eijnden, J. et al.</i> (9 authors) 2022, MNRAS 516, 4844. (1r, 5cgi) Radio monitoring.
IGR J10101–5654	<i>Bouchet, T. et al.</i> (4 authors) 2022, MNRAS 517, 3034. (1ai, 2cdioux, 5gij) A Be HMXB.
IGR J11435–6109	<i>Bouchet, T. et al.</i> (4 authors) 2023, MNRAS 519, 2198. Corrigendum. <i>Bouchet, T. et al.</i> (4 authors) 2022, MNRAS 517, 3034. (1ai, 2cdioux, 5gij) A Be HMXB with a B0.5Ve companion. <i>Bouchet, T. et al.</i> (4 authors) 2023, MNRAS 519, 2198). Corrigendum.
1E 1145.1–6141	(see V830 Cen)
2MASS J12220147–5737565	<i>Stassun, K.G. et al.</i> (8 authors) 2022, ApJL 941, 125. (1ao, 2ao, 5cdeig) Low-mass pre-main-sequence EB discovered with TESS.
CXOU J122941.0+075744	<i>Athukoralalage, W.R. et al.</i> (7 authors) 2023, MNRAS 518, 855. (2dox, 5ij) Optical and X-ray follow-up of the NGC 4472 ULX.
IGR J12489–6243	<i>Bouchet, T. et al.</i> (4 authors) 2022, MNRAS 517, 3034. (1ai, 2cdioux, 5gij) A helium-rich CV with a K0-2 subgiant companion. <i>Bouchet, T. et al.</i> (4 authors) 2023, MNRAS 519, 2198). Corrigendum.
2XMM J125556.57+565846.4	<i>Mazeh, T. et al.</i> (27 authors) 2022, MNRAS 517, 4005. (1aoux, 2ao, 5deg) Probable dormant NS in a short-period binary system.
PSR J1311–3430	<i>De Luca, A. et al.</i> (6 authors) 2022, A&A 667, L7. (2aioux*, 5ij) A puzzling 2-hour X-ray periodicity in the 1.5-hour orbital period black widow PSR.
SDSS J134441.83+204408.3	<i>Littlefield, C. et al.</i> (9 authors) 2023, ApJL 943, L24. (1o, 2ouc) A highly asynchronous short-period magnetic CV with a 56 MG field strength.
MAXI J1348–630	<i>Liu, Y.X. et al.</i> (29 authors) 2022, ApJ 938, 108. (2dx) Transitions and origin of type-B QPOs. <i>Mall, G., Vadakkumthani, J., Misra, R.</i> 2023, RAA 23, 015015. (1ax, 2dx, 5cij) BH XB broadband spectral properties. <i>Titarchuk, L., Seifina, E.</i> 2023, A&A 669, A57. (1x, 5ei) Estimating the BH mass and binary inclination using a scaling technique.
ROTSE1 J135349.96+305203.3	<i>Barani, C. et al.</i> (6 authors) 2022, RMxAA 58, 237. (1ao, 2ao, 5abcde) Overcontact binary.
4FGL J1408.6–2917	<i>Swihart, S.J. et al.</i> (7 authors) 2022, ApJL 941, 199. (1goxir, 2oix) A new flaring black widow candidate and demographics of black widow NS PSRs.

2S 1417–624	<i>Mandal, M., Pal, S.</i> 2022, Ap&SS 367, 112. (1xi) Timing and spectral studies of the X-ray PSR during the 2021 outburst.
1SWASP J150957.56–115308.4	(see V373 Lib)
2MASS J15274848+3536572	<i>Lin, J. et al.</i> (16 authors) 2023, ApJL 944, L4. (1crxio, 2abciorx) An X-ray-dim “isolated” NS in a binary?
MAXI J1535–571	<i>Chen, X. et al.</i> (14 authors) 2022, MNRAS 517, 182. (1ax, 5ij) Wavelet analysis of the transient QPOs in the XB with Insight-HXMT.
XTE J1550–564	<i>Titarchuk, L., Seifina, E.</i> 2023, A&A 669, A57. (1x, 5ei) Estimating the BH mass and binary inclination using a scaling technique.
SDSS J162256.66+473051.0	(see V381 Nor)
4U 1626–67	<i>Deminova, N.R. et al.</i> 4 authors 2022, AstBu 77, 415. (1a, 2ac, 5bcdeh) Refined parameters of the pre-CV with a sdB sub-dwarf companion.
GLEAM-X J162759.5–523504.3	(see KZ TrA)
IRAS 16293–2422	<i>Konar, S.</i> 2023, JApA 44, 1 (8a) Radio transient enigma.
4U 1630–47	<i>Maureira, M.J. et al.</i> (9 authors) 2022, ApJL 941, L23. (1r, 2r) Dust hot spots around an O binary component and departure from the passive irradiation model.
MAXI J1631–479	(see Nor X-1)
4U 1636–536	<i>Fu, Y.-C. et al.</i> (17 authors) 2022, RAA 22, 115002. (2dx, 5bij) Spectral and timing analysis of the BH transient during its 2019 outburst with Insight-HXMT.
ZTF J163743.49+491740.4	<i>Rout, S.K. et al.</i> (4 authors) 2023, ApJ 944, 68. (1xg, 2xg) Implications for a high inclination and massive BH.
GRO J1655–40	(see V801 Ara)
4U 1700+24	<i>Sarkar, A., Ge, H., Tout, C.A.</i> 2023, MNRAS 519, 2567. (8cd) The helium star formation channel for the AM CVn system.
1RXS J170849.0–400910	(see V1033 Sco)
XTE J1710–281	(see V934 Her)
PSR J1717+4308A	<i>Zane, S. et al.</i> (102 authors) 2023, ApJL 944, L27. (1x, 2x, 3) A strong X-ray polarization signal from the magnetar.
CRTS J172718.0+431624	<i>Jain, C. Sharma, R., Paul, B.</i> 2022, MNRAS 517, 2131. (1ax, 5ab) Eclipse timings of the LMXB and a third orbital period glitch.
2MASS JJ17284110–0034514 (Gaia DR3 4373465352415301632)	<i>Zhang, P. et al.</i> (5 authors) 2023, ApJ 945, 70. (1oi, 2oi) Likely detection of γ -ray pulsations in the NGC 6341 globular cluster PSR.
Swift J1728.9–3613	(see V1494 Her)
4U 1730–22	<i>El-Badry, K. et al.</i> (21 authors) 2023, MNRAS 518, 1057. (1aiou, 2ao, 4ao, 5degh) A sun-like star orbiting a BH.
IGR J17329–2731	<i>Saha, D., Mandal, M., Pal, S.</i> 2023, MNRAS 519, 519. (1ax, 2dx, 5ij) BH XB spectral and timing study.
XTE J1739–285	<i>Bult, P. et al.</i> (14 authors) 2022, ApJ 940, 81. (2dx) Observation of thermonuclear X-ray bursts and distance determination.
	<i>Chen, Y.-P. et al.</i> (14 authors) 2023, ApJL 942, L12. (1x, 2x) Peculiar burst properties of the 2021/2022 outbursts observed by Insight-HXMT.
	<i>Ablimit, I.</i> 2023, MNRAS 519, 1327. (8bcd) A promising formation channel for the symbiotic XB.
	<i>Mondal, A.S. et al.</i> (4 authors) 2022, MNRAS 516, 1256. (1x, 5cgi) Evidence of hard power-law spectral cutoff and disc reflection features.

Suzaku J174035–301416	<i>Mondal, S. et al.</i> (7 authors) 2022, A&A 666, A150. (2dx, 5eg, 6bc) An IP candidate toward the Galactic plane.
H 1743–322	<i>Shui, Q.C. et al.</i> (14 authors) 2023, ApJ 943, 165. (1x, 2x, 5i) Tracing the accretion geometry with type C QPOs.
4XMM J174917.7–283329	<i>Mondal, S. et al.</i> (8 authors) 2023, A&A 671, A120. (2x, 5i) Discovery of periodicities in the highly variable IP.
4XMM J174954.6–294336	<i>Mondal, S. et al.</i> (8 authors) 2023, A&A 671, A120. (2x, 5i) Discovery of periodicities in the highly variable IP.
SWIFT J1749.4–2807	<i>Marino, A. et al.</i> (21 authors) 2022, MNRAS 515, 3838. (1x, 5cgi) Outflows and spectral evolution.
GRO J1750–27	<i>Malacaria, C. et al.</i> (14 authors) 2023, A&A 669, A38. (1x, 5i) The unaltered PSR: a supercritical X-ray NS that does not blink an eye.
IGR J17591–2342	<i>Manca, A. et al.</i> (12 authors) 2023, MNRAS 519, 2309. (1ax, 2cdx, 5ij) LMXB accreting millisecond X-ray PSR.
MAXI J1803–298	<i>Feng, Y. et al.</i> (7 authors) 2022, MNRAS 516, 2074. (1x, 5ceg) The new BH candidate spin.
SAX J1808.4–3658	(see V4580 Sgr)
ZTF J1813+4251	<i>Burdge, K.B. et al.</i> (27 authors) 2022, Nature 610, 467. (1aio, 2ao, 5bcdegik, 8c) A dense 0.1-solar-mass star in a 51-min-orbit-period EB.
1SWASP J181417.43+481117.0	<i>Lee, J. et al.</i> (4 authors) 2022, MNRAS 515, 4702. (1ao, 2a, 5cdeg) A pre-He WD in the EB.
Swift J1818.0–1607	<i>Uzuner, M. et al.</i> (11 authors) 2022, ApJL 942, 8. (1g, 2g) Bursts from the high-magnetic-field PSR.
MAXI J1820+070	<i>Abe, H. et al.</i> (444 authors) 2022, MNRAS 517, 4736. (1agoux, 4cgr, 5ij) The LMXB system during the 2018 outburst. <i>Kawamura, T. et al.</i> (4 authors) 2023, MNRAS 519, 4434. (2dx, 5i) Accretion flow in the BH binary. <i>Peng, J.Q. et al.</i> (15 authors) 2023, MNRAS 518, 2521. (1ax, 5i) An overall scenario for the outburst evolution of the BH LMXB. <i>Titarchuk, L., Seifina, E.</i> 2023, A&A 669, A57. (1x, 5ei) Estimating the BH mass and binary inclination using a scaling technique.
GS 1826–238	(see V4634 Sgr)
2MASS J18361702–5110583	<i>Parsons, S.G. et al.</i> (11 authors) 2023, MNRAS 518, 4579. (2aciou, 5bdeg) WD + subgiant binary.
EXO 1846–031	<i>Williams, D.R.A. et al.</i> (18 authors) 2022, MNRAS 517, 2801. (1ax, 4cr, 5ij) BH XB reawakening after a 34-year slumber.
PSR J1846.4–0258	<i>Uzuner, M. et al.</i> (11 authors) 2022, ApJL 942, 8. (1g, 2g) Bursts from the high-magnetic-field PSR.
Swift J1858.6–0814	<i>Vincentelli, F.M. et al.</i> (24 authors) 2023, Nature 615, 45. (1irux, 5i) A BH and NS shared accretion instability.
XTE J1859+226	(see V406 Vul)
ZTF J1901+1458	<i>Sousa, M.F. et al.</i> (5 authors) 2022, ApJ 941, 28. (8d) Double WD merger progenitor of a massive, rapidly rotating, magnetic WD.
4U 1907+09	<i>Tobrej, M. et al.</i> (5 authors) 2023, MNRAS 518, 4861. (1ax, 2dx, 5ij) The HMXB PSR has multiple absorption-line features in its spectrum.
SDSS J190817.07+394036.4	<i>Veresvarska, M., Scaringi, S.</i> 2023, MNRAS 518, 5576. (1ao*, 5i) Low-frequency aperiodic variability in the ultracompact interacting AM CVn binary.

GRS 1915+105	(see V1487 Aql)
2MASS J19204469+4343258 (KIC 7955301)	<i>Gaulme, P. et al.</i> (16 authors) 2022, A&A 668, A173. (1ao*, 2ao, 5bcdg) A hierarchical triple system with eclipse timing variations and an oscillating red giant.
SMSS J192054.50–200135.5	<i>Li, J. et al.</i> (15 authors) 2022, MNRAS 515, 3370. (1ao, 2a, 5cdegi) Possible detection of an ejected common envelope.
2MASS J19310592+4229532 (KIC 6951642)	<i>Samadi-Ghadim, A., Lampens, P., Gizon, L.</i> 2022, A&A 667, A60. (1ao*, 2ao, 5cdgk) A Kepler γ Doradus - δ Scuti star with intermediate to fast rotation in a possible single-lined binary system.
SGR 1935+2154	<i>Tong, H.</i> 2023, RAA 23, 025013. (1r, 5bcij) The magnetar's anti-glitch.
SGR J1935+2154	<i>Lu, X.-F. et al.</i> (13 authors) 2023, RAA 23, 035007. (2dx, 5c, 9) Burst phase distribution based on Insight-HXMT.
XTE J1946+274	<i>Devaraj, A., Paul, B.</i> 2022, MNRAS 517, 2599. (1ax, 2dx, 5ij) Phase-dependent cyclotron line feature in the Be/XB 2018 outburst.
PSR J1952+2630	<i>Gautam, T. et al.</i> (7 authors) 2022, A&A 668, A187. (3ar, 5be) Relativistic effects in the mildly recycled PSR binary.
4U 1957+115	(see V1408 Aql)
PSR B1957+20	(see QX Sge)
EXO 2030+375	(see V2246 Cyg)
ZTF J205515.98+465106.5	<i>Deshmukh, K. et al.</i> (9 authors) 2023, MNRAS 519, 148. (1aox, 2acio, 3ao, 5abi) Limiting the AD light in the mass transferring hot subdwarf binary.
GRO J2058+42	<i>Reig, P. et al.</i> (4 authors) 2023, A&A 671, A48. (1ao, 5i) Long-term optical variability of the Be/XB.
SAX J2103.5+4545	<i>van den Eijnden, J. et al.</i> (9 authors) 2022, MNRAS 516, 4844. (1r, 5cgi) Radio monitoring.
ASAS J210406–0522.3	<i>Wadhwa, S.S. et al.</i> (4 authors) 2022, JApA 43, 42. (1ao, 5ce) Low-mass-ratio contact binary.
PSR J2108+4516	<i>Andersen, B.C. et al.</i> (28 authors) 2023, ApJ 943, 57. (1r, 2r) CHIME discovery of a binary PSR with a massive nondegenerate companion.
ZTF J213056.71+442046.5	<i>Deshmukh, K. et al.</i> (9 authors) 2023, MNRAS 519, 148. (1aox, 2acio, 3ao, 5abi) Limiting the AD light in the mass transferring hot subdwarf binary.
IGR J21343+4738	<i>Gorban, A.S. et al.</i> (4 authors) AstL 48, 798. (2agx, 2dx, 5bi) The X-ray PSR observed with NuSTAR, Swift and SRG.
PSR J2140–2311B (M30B)	<i>Balakrishnan, V. et al.</i> (17 authors) 2023, ApJL 942, L35. (1r, 4cr, 5be) Redetection of the elusive binary PSR.
SRGe J214919.3+673634	<i>Bikmaev, I.F. et al.</i> (21 authors) 2022, AstL 48, 530. (1a, 2, 5bi) Candidate AM Her variable discovered by the eROSITA telescope onboard the Spectrum-Roentgen-Gamma orbital observatory.
4U 2206+54	<i>Jain, C., Yadav, A., Sharma, R.</i> 2022, JApA 43, 101. (1ax, 2cdx, 5bij) HMXB change in spin-down rate and detection of a broad emission line.
SDSS J221141.80+113604.4	<i>Sousa, M.F. et al.</i> (5 authors) 2022, ApJ 941, 28. (8d) Double WD merger progenitor of massive, rapidly rotating, magnetic WD.
SDSS J222551.65+001637.7	<i>French, J.R. et al.</i> (7 authors) 2023, MNRAS 519, 5008. (2bdi, 4ci, 5e, 6b) A resolved WD-brown dwarf binary with a small projected separation.
LAMOST J224040.77–020732.8	<i>Yuan, H. et al.</i> (10 authors) 2023, AJ 165, 119. (1a, 2ab, 5d, 6b) Discovery of an extremely low-mass binary in the LAMOST survey.

1RXS J230645.0+550816	<i>Kozhevnikov, V.P.</i> 2022, Ap&SS 367, 129. (1bo, 5b) IP precise photometric period.
PSR B2319+60	<i>Chen, J.-L. et al.</i> (12 authors) 2022, RAA 22, 115014. (1r, 5bc) Mode changing, pulse nulling and subpulse drifting in the asymmetric conal triple radio PSR.
HS 2325+8205	<i>Sun, Q.-B. et al.</i> (12 authors) 2023, MNRAS 518, 3901. (1ao*, 5ab) QPOs in the eclipsing dwarf nova.

X-ray sources with constellation or galaxy names

Cen X-3	(see V779 Cen)
Cen X-4	(see V822 Cen)
Cir ULX5	<i>Middleton, K., Gúrpide, A., Walton, D.J.</i> 2023, MNRAS 519, 2224. (5ij, 8ab) Propeller states in the locally supercritical ULX.
Cyg X-1	(see V1357 Cyg)
Cyg X-2	(see V1341 Cyg)
IC 10 X-1	<i>Bhattacharya, S. et al.</i> (8 authors) 2023, ApJ 944, 52. (2acox) Stellar wind of the WR star.
IC 324 X-1	<i>Middleton, K., Gúrpide, A., Walton, D.J.</i> 2023, MNRAS 519, 2224. (5ij, 8ab) Propeller states in the locally supercritical ULX.
LMC X-4	(see 1RXS J053246.1–662203)
M33 X-7	<i>Ramachandran, V. et al.</i> (13 authors) 2022, A&A 667, A77. (2dioux, 5egij, 8c) Phase-resolved spectroscopic analysis of the BH XB EB.
M51 ULX-8	<i>Allak, S.</i> 2022, MNRAS 517, 3495. (1aox, 6c) Detection of a 125.5-day optical periodic modulation of the NS ULX.
M82 X-1	<i>Mondal, S., Palit, B., Chakrabarti, S.K.</i> 2022, JApA 43, 90. (2dx, 5cei) Accretion flows around the ULX.
M82 X-2	<i>Bachetti, M. et al.</i> (24 authors) 2022, ApJ 937, 125. (1x) Orbital decay driven by extreme mass transfer.
NGC 55 ULX-1	<i>Barra, F. et al.</i> (14 authors) 2022, MNRAS 516, 3972. (1x*, 5cegi) Unveiling the disc structure.
NGC 300 ULX-1	<i>Ng, M. et al.</i> (5 authors) 2022, ApJ 940, 138. (2dx) Absorbed power-law model is best fit to spectral evolution.
NGC 1042 ULX1	<i>Ghosh, T., Rana, V.</i> 2022, MNRAS 517, 4247. (1ax, 2dx, 5i) ULX spectral variability.
NGC 1313 X-1	<i>Gúrpide, A. et al.</i> (5 authors) 2022, A&A 666, A100. (2dio, 5ij) A shock-ionised bubble, an X-ray photoionised nebula, and two SN remnants in the ULX.
NGC 1313 X-1	<i>Middleton, K., Gúrpide, A., Walton, D.J.</i> 2023, MNRAS 519, 2224. (5ij, 8ab) Propeller states in the locally supercritical ULX.
Nor X-1 (4U 1630–47)	<i>Yang, Z.-X. et al.</i> (100 authors) 2022, ApJ 937, 33. (2dx) BH XB mHz QPO modulation.
Sco X-1	(see V818 Sco)
Sgr X-1 (GX 3+1)	<i>Nath, A. et al.</i> (4 authors) 2022, JApA 43, 93. (1bx, 2dx, 5ij) Rapid type-I thermonuclear burst from the LMXB.

SMC X-3

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KIC 6951642	(see 2MASS J19310592+4229532)
KIC 7955301	(see 2MASS J19204469+4343258)
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Editor-in-Chief: W. Van Hamme

Department of Physics
Florida International University
Miami, FL 33199, U.S.A.

Phone: +1 305 348-3670
Fax: +1 305 348-6700
vanhamme@fiu.edu