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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.  $\gamma$ -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  $\gamma$ -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**

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

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## Individual Stars

FO Aqr	<i>Hameury, J.-M., Lasota, J.-P.</i> 2017, A&A 606, A7. (5i, 8abd) The AD disappearance and reformation during a low state of the IP.
UU Aqr	<i>Robertson, J.W. et al.</i> (4 authors) 2018, AJ 155, 61. (1ao*, 5gj) LC during stunted outbursts.
V1333 Aql (Aql X-1)	<i>Bhattacharyya, S.</i> 2017, ApJ 847, 2. (8c) Possibility of gravitational waves. <i>Güngör, C. et al.</i> (4 authors) 2017, ApJ 848, 13. (2dx, 5i) Modeling of accretion onto the NS. <i>Jiménez-Ibarra, F. et al.</i> (10 authors) 2018, MNRAS 474, 4717. (2ac, 5dgi, 6c, 8a) A detailed spectroscopic study of the optical counterpart. <i>Keek, L. et al.</i> (21 authors) 2018, ApJ 854, L22 L4 (1r) Effects of an X-ray burst on the accretion environment. <i>Ludlam, R.M. et al.</i> (7 authors) 2017, ApJ 847, 135. (2dx, 5i) Upper limit on magnetic field strength. <i>Meshcheryakov, A.V. et al.</i> (8 authors) 2018, MNRAS 473, 3987. (1oiux, 5gi, 8a) Evolution of the broad-band SED during outburst rise.
V1343 Aql (SS 433)	<i>Monceau-Baroux, R. et al.</i> (4 authors) 2017, A&A 607, C4. The jet from subparsec to parsec scales (Corrigendum).
V1487 Aql (GRS 1915+105)	<i>Yan, S-P. et al.</i> (13 authors) 2018, MNRAS 474, 1214. (1x, 5gi, 8a) Disc-corona interaction in the LMXB.
V1831 Aql	<i>Banerjee, D.P.K. et al.</i> (6 authors) 2018, MNRAS 473, 1895. (1aoi, 2c, 5adeg) Near-IR and optical study.
V821 Ara (GX 339-4)	<i>De Marco, B. et al.</i> (16 authors) 2017, MNRAS 471, 1475. (1x, 2x, 5ij) Evolution of the X-ray reverberation lag at the end of an outburst. <i>Wang-Ji, J.</i> 2018, ApJ 855, 61. (2x) The evolution of the LMXB in the low-hard state.
AS Cam	<i>Kozyreva, V., Kusakina, A., Bogomazov, A.</i> 2018, RAA 18, 10. (1ao, 5abf) The evolution of eccentricity in the EB.
TU Cnc	<i>Khaliullina, A.I.</i> 2017, ARep 61, 859. (5b) EB period variations.
$\eta$ Car	<i>Smith, N.</i> 2017, MNRAS 471, 4465. (4ab) Dynamical age for the Homunculus based on 13 years of HST imaging.
QZ Car	<i>Budding, E.</i> 2018, Southern Stars 57, 28. (1ao, 2abo, 5abe)
V454 Car	<i>Budding, E.</i> 2018, Southern Stars 57, 29. (2abo, 5be)
V615 Cas (LS I +61°303)	<i>Prokhorov, D.A., Moraghan, A.</i> 2017, MNRAS 471, 3036. (1g, 5b) Confirmed $\gamma$ -ray periodicity. <i>Wang, Y.X., Takata, J.</i> 2017, ApJ 851, 92. (1g, 2g) Superorbital modulation at GeV energies in the XB.
V635 Cas (4U 0115+63)	<i>Escorial, A.R. et al.</i> (6 authors) 2017, MNRAS 472, 1802. (1x, 5cgi) The HMXB low-luminosity behaviour.
V662 Cas (4U 0114+65)	<i>Sanjurjo-Ferrín, G. et al.</i> (6 authors) 2017, A&A 606, A145. (2dx, 5bcij) XMM-Newton spectroscopy of the accreting magnetar candidate.
V723 Cas (Nova Cas 1995)	<i>Hamilton-Drager, C.M. et al.</i> (12 authors) 2018, AJ 155, 58. (1ao, 5gi) Evolution over ten years (2006-2016). <i>Takeda, L. et al.</i> 2018, MNRAS 473, 355. (2ac, 5degij, 8a) 3D photoionization models.
SV Cen	<i>Shematovich, V.I. et al.</i> (4 authors) 2017, ARep 61, 1038. (8a) Gas-dynamical features of contact binary star envelopes.

V766 Cen	<i>Wittkowski, M. et al.</i> (13 authors) 2017, A&A 606, L1. (4ci, 5e) Multi-epoch VLTI-PIONIER imaging of the close companion in front of the supergiant primary.
V801 Cen (H 1145–619)	<i>Alfonso-Garzón, J. et al.</i> (10 authors) 2017, A&A 607, A52. (1ao*, 2dox*, 5i) Long-term optical and X-ray variability of the Be/XB: discovery of an ongoing retrograde density wave.
V850 Cen	<i>Kühnel, M. et al.</i> (17 authors) 2017, MNRAS 471, 1553. (1x, 5ij) A precessing Be disc as a possible model for occultation events.
V1369 Cen (Nova Cen 2013)	<i>Mason, E.</i> 2018, ApJ 853, 27. (1x, 2oux) Late nebular spectra.
V736 Cep	<i>Nelson, R.</i> 2017, IBVS 6226. (1a, 2a, 5abc, 6d) A-type overcontact binary.
ES Cet	<i>de Miguel, E. et al.</i> (7 authors) 2018 ApJ 852, 19. (1o) Orbital period increase due to General Relativity?
TV Col	<i>Sanad, M.R., Abdel-Sabour, M.A.</i> 2018, AstBu 73, 77. (2u) UV spectral behavior during and after flaring activity.
LP Com	<i>Liu, J. et al.</i> (4 authors) 2017, PASP 129, 104204. (1ao, 5abc) W-type W UMa system with period changes indicating mass transfer and possible third body.
AR CrB	<i>Kozyreva, V.S. et al.</i> (11 authors) 2018, IBVS 6235. (5ab) Eclipse timings.
BF Cyg	<i>Tomov, N.A., Tomova, M.T., Bisikalo, D.V.</i> 2017, Ap&SS 362, 220. (1au, 5cj) Evolution of the accretion structure of the compact object in the symbiotic binary during the 2009-2014 outburst.
SS Cyg	<i>Hill, C.A. et al.</i> (4 authors) 2017, MNRAS 472, 2937. (2a, 5deg) Spectroscopic study – Roche tomography. <i>Voikhanskaya, N.F.</i> 2018, AstBu 73, 84. (1ux, 2, 5j) Outburst cycle of the dwarf nova.
V1073 Cyg	<i>Tian, X.-M. et al.</i> (5 authors) 2018, RAA 18, 20. (1ao, 5abce) Multi-color light curves and orbital period of the EB.
V1341 Cyg (Cyg X-2)	<i>Mondal, A.S. et al.</i> (5 authors) 2018, MNRAS 474, 2064. (1x, 5cgi) NuSTAR observations of the Z-type NS.
V1357 Cyg (Cyg X-1)	<i>Agafonov, M.I. et al.</i> (8 authors) 2018, ARep 62, 89 (2a, 5dgj) 3D Doppler tomography of the HMXB from 2007 spectral observations of the He II $\lambda$ 4686 Å line. <i>Agafonov, M.I. et al.</i> (8 authors) 2018, ARep 62, 225 (2a, 5dgj) 3D Doppler tomography of the HMXB from 2007 spectral observations of the He II $\lambda$ 4686 Å line (paper 2). <i>Ahnen, M.L. et al.</i> (5 authors) 2017, MNRAS 472, 3474. (1gx, 5cg) Search for very high-energy $\gamma$ -ray emission. <i>Basak, R. et al.</i> (4 authors) 2017, MNRAS 472, 4220. (1x, 5cg) Evidence for a truncated disc geometry. <i>Rapisarda, S., Ingram, A., van der Klis, M.</i> 2017, MNRAS 472, 3821. (1x, 5cgi) Modelling hard and soft states. <i>Zdziarski, A. et al.</i> (4 authors) 2017, MNRAS 471, 3657. (1gx, 2gx) First Fermi LAT detection during hard and intermediate spectral states.
V1500 Cyg	<i>Harrison, T.E., Campdell, R.K.</i> 2018, MNRAS 474, 1572. (1x, 2a, 5cdg) Detection of discrete cyclotron emission features.
V1513 Cyg (Wolf 1130)	<i>Mace, G.N. et al.</i> (12 authors) 2018, ApJ 854, 145. (1o, 2uoi) Triple system with a cool, ultramassive WD.

V1521 Cyg  
(Cyg X-3) *Bhargava, Y. et al.* (12 authors) 2017, ApJ 849, 141. (1x, 5b) Period has been stable for 45 years.  
*Egron, E. et al.* (37 authors) 2017, MNRAS 471, 2703. (1r, 4ri, 5ij) Single-dish and VLBI observations during the 2016 giant flare episode.  
*Koljonen, K.I.I., Maccarone, T.J.* 2017, MNRAS 472, 2181. (1r, 5cgij) Gemini/GNIRS IR spectroscopy of the WR stellar wind.  
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*Pahari, M. et al.* (13 authors) 2017, ApJ 849, 16. (1dx) QPOs during the flaring hard X-ray state.  
*Pahari, M. et al.* (12 authors) 2018, ApJ 853, L11. (1x, 2x) Monitoring during the formation of a giant radio jet base.  
*Sinitsyna, V.G., Sinitsyna, V.Yu.* 2018, AstL 44, 162. (1g, 5b) Very high energy emission from the HMXB.

V2246 Cyg  
(EXO 2030+375) *Epili, P. et al.* (4 authors) 2017, MNRAS 472, 3455. (1x, 5cg) Decade long RXTE monitoring.  
*Fürst, F. et al.* (13 authors) 2017, A&A 606, A89. (2doix, 5i) The HMXB accretion geometry at luminosities close to the propeller regime.

V2281 Cyg *Koo, J.-R., Lee, J.W., Hong, K.* 2017, AJ 154, 235. (1ao, 2ao, 5cde) Eclipsing SB2 with third body.

V2284 Cyg *Wang, J.-J. et al.* (4 authors) 2017, PASP 129, 124202. (1ao\*, 5abc) W UMa system with mass transfer and possible brown-dwarf third body.

V404 Cyg  
(GS 2023+338) *Ahnen, M.L. et al.* (146 authors) 2017, MNRAS 471, 1688. (1gx\*, 2giorxd\*) MAGIC observations during the 2015 outburst.  
*Kimura, M. et al.* (27 authors) 2017, MNRAS 471, 373. (1ox, 5ij, 8b) Optical and simultaneous X-ray data during the 2015 outburst.  
*Maitra, M. et al.* (7 authors) 2017, ApJ 851, 148. (1iou) Case for an extremely energetic jet-base.  
*Motta, S.E. et al.* (14 authors) 2017, MNRAS 471, 1797. (1x, 2x, 5i) X-ray outflows from super-Eddington accretion derived from Swift observations.  
*Rodi, J., Jourdain, E., Roques, J.P.* 2017, ApJ 848, 3. (1g, 1x, 2ax) Timing analysis during outburst.

V500 Cyg  
AB Dor *Nelson, R.* 2017, IBVS 6224. (1a, 2a, 5abc) Classical Algol.  
*Azulay, R. et al.* (9 authors) 2017, A&A 607, A10. (4cr, 5e) The dynamical mass of components A/C.

Z Dra *Terrell, D., Nelson, R.H.* 2017, IBVS 6223. (1a, 2a, 5c) Distance estimation and absolute parameters.

MM Dra *Hicks, S. et al.* (6 authors) 2017, IBVS 6222. (1a, 5b, 6d) 14 years of photometric monitoring.

KZ Gem *Dai, Z. et al.* (5 authors) 2017, A&A 606, A45. (1ao\*, 5bc) Quiescent photometric modulations of the low-inclination CV.

QW Gem *Wang, K.* 2017, RAA 17, 112. (1ao, 5abce) Photometric study and period analysis of the W UMa-type EB.

SZ Her  
HZ Her *Kubicki, D.* 2017, IBVS 6232. (5a) CCD time of minimum of the EB.  
*Staubert, R. et al.* (6 authors) 2017, A&A 606, L13. (2dx, 5i) Inversion of the cyclotron line energy decay in the LMXB.

V972 Her *Selam, S.O. et al.* (7 authors) 2018, Ap&SS 363, 34. (1ao, 2ao, 5cedj) A simultaneous spectroscopic and photometric study of the EB.

V1101 Her	<i>Pi, Q. et al.</i> (6 authors) 2017, AJ 154, 260. (1ao, 5ab) Period study indicates cyclic magnetic activity and mass transfer.
FG Hya	<i>Zhang, X.-D. et al.</i> (4 authors) 2017, RAA 17, 128. (1ao, 5ab) Orbital period variations of the deep low-mass ratio overcontact binary.
AM Leo	<i>Gorda, S.Yu., Matveeva, E.A.</i> 2017, IBVS 6227. (5ab) New light-time curve of the EB.
UZ Leo	<i>Lee, J.W., Park, J.M.</i> 2018, PASP 130, 034201. (1ao, 2a*, 5abcde) A-type overcontact binary with third light and period variation.
VZ Leo	<i>Khaliullina, A.I.</i> 2017, ARep 61, 859. (5b) EB period variations.
XY Leo	<i>Kubicki, D.</i> 2017, IBVS 6232. (5a) CCD times of minima of the EB.
LX Leo	<i>Gürol, B., Michel, R., Gonzalez, C.</i> 2017, RMxAA 53, 179. (1ao, 5abc) Totally eclipsing W-type W UMA system.
GW Lib	<i>Neustroev, V.V. et al.</i> (9 authors) 2018, A&A 611, A13. (1ax, 5i) Superhumps linked to X-ray emission.
BO Lyn	<i>Li, L.-J. et al.</i> (5 authors) 2018, RAA 18, 11. (1ao, 5be) High-amplitude $\delta$ Sct star with evidence of a late A-type companion in an elliptical orbit.
MV Lyr	<i>Scaringi, S. et al.</i> (5 authors) 2017, Nature 552, 210. (1ao*, 5i) Magnetically gated accretion in an accreting ‘non-magnetic’ WD.
V582 Mon	<i>Aronow, R.A. et al.</i> (5 authors) 2018, AJ 155, 47. (1aoir, 5ghi) System properties and discovery of CO outflow.
V616 Mon (1A 0620–00)	<i>Dinçer, T. et al.</i> (5 authors) 2018, ApJ 852, 4. (1irx, 2dx) BH XB in quiescence.
GR Mus (XB 1254–690)	<i>Gambino, A.F. et al.</i> (8 authors) 2017, RAA 17, 108. (1bx, 5abei) Orbital ephemeris of the dipping source and the distance to the LMXB.
V381 Nor (XTE J1550–564)	<i>Migliori, G. et al.</i> (8 authors) 2017, MNRAS 472, 141. (1rx, 5cgi) Large-scale relativistic jets.
RS Oph	<i>Mikolajewska, J., Shara, M.M.</i> 2017, ApJ 847, 99. (2du, 5e) Mass range for WD. <i>Mondal, A. et al.</i> (5 authors) 2018, MNRAS 474, 4211. (2bco, 5dgh) Optical spectroscopy from the 2006 outburst to quiescence.
V566 Oph	<i>Selam, S.O. et al.</i> (7 authors) 2018, Ap&SS 363, 34. (1ao, 2ao, 5cedj) Simultaneous spectroscopic and photometric study of the EB.
V2134 Oph (MXB 1658–298)	<i>Sharma, R. et al.</i> (5 authors) 2018, JApA 39, 16. (1bx, 2dx, 5i) Thermonuclear X-ray burst of the LMXB observed with NuSTAR.
V2606 Oph	<i>Yan, Z., Yu, W.</i> 2017, MNRAS 470, 4298. (1x, 2dx, 5ij) Detection of X-ray spectral state transitions in the BH transient mini outbursts.
V2676 Oph	<i>Raj, A. et al.</i> (5 authors) 2018, AcA 68, 79. (1ai, 2c, 5g) Physical parameters of the moderately fast nova.
GW Ori	<i>Czekala I. et al.</i> (18 authors) 2017, ApJ 851, 132. (4c) Triple system: dynamical masses, mutual inclinations, and recurrent eclipses. <i>Prato, L., Ruz-Rodriguez, D., Wasserman, L.H.</i> 2018 ApJ 852, 38. (2i, 5de) Orbital solution for the SB.
OS Ori	<i>Khaliullina, A.I.</i> 2017, ARep 61, 859. (5b) EB period variations.
6 Per	<i>Scarfe, C.D.</i> 2017, RMxAA 53, 333. (2ao, 5d) RVs and new spectroscopic orbit.
X Per	<i>Taranova, O.G., Shenavrin, V.I.</i> 2017, ARep 61, 983. (1i, 5ce) IR variations on timescales longer than fifteen years.

AD Phe	<i>Pi, Q. et al.</i> (6 authors) 2017, AJ 154, 260. (1ao, 5ab) Period study indicates cyclic magnetic activity and mass transfer.
RR Pic	<i>Fuentes-Morales, I. et al.</i> (6 authors) 2018, MNRAS 474, 2493. (1ao, 5bcgi) Photometric long-term variations.
V402 Pup (HD 64315)	<i>Lorenzo, J. et al.</i> (7 authors) 2017, A&A 606, A54. (1ao*, 2ao, 5bcd) The massive multiple system: double SB; one EB, one non-EB.
QX Sge (PSR B1957+20)	<i>Ahnen, M.L. et al.</i> (148 authors) 2017, MNRAS 470, 4608. (1g, 2dg*, 5ij, 8b) MAGIC observations of the Black Widow millisecond pulsar.
WZ Sge	<i>Harrison, T.E.</i> 2017, PASP 129, 124203. (2ai, 5d) L-dwarf donor RV curve.
V4580 Sgr	<i>Sanna, A. et al.</i> (10 authors) 2017, MNRAS 471, 463. (1x, 5bij) XMM-Newton and NuSTAR timing analysis of the 2015 outburst.
V4634 Sgr (GS 1826–238)	<i>Ji, L. et al.</i> (5 authors) 2018, MNRAS 474, 1583. (1x, 5cg) Analysis of Swift observations.
V5589 Sgr	<i>Thompson, W.T.</i> 2017, MNRAS 470, 4061. (1ao*, 5c) Reanalysis of STEREO HI-1B data shows no pre-maximum halt in this classical nova.
AR Sco	<i>Pol, N. et al.</i> (6 authors) 2018 ApJ 853, 106. (1ux, 2x) Non-thermal pulsed X-ray emission. <i>Takata, J., Yang, H., Cheng, K.S.</i> 2017, ApJ 851, 143. (8ac) Emission from trapped relativistic electrons.
V818 Sco	<i>Chen, W.-C.</i> 2017, A&A 606, A60. (8cd) Formation of the LMXB induced by anomalous magnetic braking of Ap/Bp stars.
V1033 Sco (GRO J1655–40)	<i>Aktar, R. et al.</i> (4 authors) 2018, JApA 39, 17. (8a) Advective accretion flow properties around rotating BHs.
V1309 Sco	<i>Pejcha, O. et al.</i> (4 authors) 2017, ApJ 850, 59. (8cd) Pre-merger spiral mass loss.
V479 Sct	<i>Prokhorov, D.A., Moraghan, A.</i> 2017, MNRAS 471, 3036. (1g, 5b) Confirmed $\gamma$ -ray periodicity.
CV Ser (WR 113)	<i>Hill, G.M., Moffat, A.F.J., St-Louis, N.</i> 2018, MNRAS 474, 2987. (2ac, 5degi) Modelling the colliding-wind spectra.
V411 Ser (HD 166734)	<i>Mahy L. et al.</i> (7 authors) 2017, A&A 607, A96. (1ao, 2do, 5bcdej) A modern study of the massive supergiant O7.5If + O9If eccentric EB. <i>Nazé, Y. et al.</i> (4 authors) 2017, A&A 607, A97. (2dcx, 5ij) X-ray view of the massive supergiant system.
AY Sex (PSR J1023+0038)	<i>Coti Zelati, F. et al.</i> (7 authors) 2018, A&A 611, A14. (1aux, 2cx, 5ij) Simultaneous broadband observations and high-resolution X-ray spectroscopy of the transitional millisecond pulsar. <i>Hakala, P., Kajava, J.J.E.</i> 2018, MNRAS 474, 3297. (1io, 2acdo, 5cdi) Variable polarisation and Doppler tomography. <i>Shang, L.-H. et al.</i> (9 authors) 2017, ApJ 849, 87. (8a) Transition between accretion-powered and rotation-powered states.
HU Tau	<i>Parthasarathy, M.</i> 2018, IBVS 6233. (2a) Spectroscopy of semi-detached system.
V725 Tau (1A 0535+26)	<i>Ballhausen, R. et al.</i> (15 authors) 2017, A&A 608, A105. (2dx, 5i) Looking at the HMXB at low luminosities with NuSTAR. <i>Taranova, O.G., Shenavrin, V.I.</i> 2017, ARep 61, 983. (1i, 5ce) IR variations on timescales longer than fifteen years.
V1300 Tau (HD 284149)	<i>Bonavita, M. et al.</i> (56 authors) 2017, A&A 608, A106. (1aio, 2cdio, 4c, 5bk) Orbiting a binary: SPHERE characterisation of the system.

W UMi	<i>Park, J.-M. et al.</i> (5 authors) 2018, AJ 155, 133. (1ao*, 2ado, 5cde) Dimensions and evolutionary status of semi-detached Algol.
$\gamma^2$ Vel	<i>Richardson, N.D. et al.</i> (29 authors) 2017, MNRAS 471, 2715. (1ao, 2ao*, 5bdegj, 8b) Photometric and spectroscopic evidence for colliding winds.
GP Vel (Vel X-1)	<i>Grinberg, V. et al.</i> (16 authors) 2017, A&A 608, A143. (2cdx, 5ij) The clumpy absorber in the HMXB. <i>Gvaramadze, V.V. et al.</i> (4 authors) 2018, MNRAS 474, 4421. (2, 5dg, 8a) Modelling interstellar structures around the system. <i>Sander, A.A.C. et al.</i> (8 authors) 2018, A&A 610, A60. (8b) Coupling hydrodynamics with comoving frame radiative transfer. II. Stellar wind stratification in the HMXB.
HX Vel	<i>Budding, E.</i> 2018, Southern Stars 57, 29. (2abo, 5be)
TW Vir	<i>Dai, Z. et al.</i> (5 authors) 2017, A&A 606, A45. (1ao*, 5bc) Quiescent photometric modulations of the low-inclination CV.
UW Vir	<i>Mkrtichian, D.E. et al.</i> (11 authors) 2017, IBVS 6221. (1a, 5c) Detection of short-periodic oscillations.
GR Vir	<i>Zhang, X.-D. et al.</i> (4 authors) 2017, RAA 17, 128. (1ao, 5ab) Orbital period variations of the deep low-mass ratio overcontact binary.
HV Vir	<i>Imada, A. et al.</i> (6 authors) 2018, PASJ 70, 2. (1ao, 5bi) OAO/MITSuME photometry of the dwarf nova.
HW Vir	<i>Kubicki, D.</i> 2017, IBVS 6232. (5a) CCD times of minima of the EB.
UY Vol	<i>Cheng, Z. et al.</i> (4 authors) 2017, MNRAS 471, 2605. (1x*, 2x*, 5eg) The cooling, mass and radius of the NS in quiescence with XMM-Newton.
CK Vul (Nova Vul 1670)	<i>Kamiński, T. et al.</i> (6 authors) 2017, A&A 607, A78. (2cr) Organic molecules, ions, and rare isotopologues in the remnant of the stellar-merger candidate.

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

HR 5455	<i>Fuhrmann, K., Chini, R.</i> 2017, MNRAS 471, 1888. (2o, 5gh) F6V star is an ancient field blue straggler that has been rejuvenated upon Roche lobe overflow of its evolved companion, now a WD.
HR 6797 (HIP 89000)	<i>Mendez, R.A. et al.</i> (4 authors) 2017, AJ 154, 187. (2a*, 4c*, 5de) Astrometric orbit for SB.
HR 8078	<i>Scarfe, C.D.</i> 2017, RMxAA 53, 333. (2ao, 5d) RVs and spectroscopic orbit.
HR 8581 (HIP 111170)	<i>Mendez, R.A. et al.</i> (4 authors) 2017, AJ 154, 187. (2a*, 4c*, 5de) Astrometric orbit for SB.
HD 49798 (RX J0648.0–4418)	<i>Popov, S.B. et al.</i> (5 authors) 2018, MNRAS 474, 2750. (5gi, 8ac) A young contracting WD in the binary.
HD 64315	(see V402 Pup)
HD 100453A	<i>Wagner, K. et al.</i> (12 authors) 2018, ApJ 854, 130. (1rr*o) Orbit of the companion with protoplanetary binary-driven spiral arms disk.
HD 131399	<i>Lagrange, A.-M. et al.</i> (8 authors) 2017, A&A 608, L9. (2ao, 5dk, 6b) Discovery of a tight binary companion B/C.
HD 166734	(see V411 Ser)
HD 173283 (IC 4776)	<i>Sowicka, P. et al.</i> (8 authors) 2017, MNRAS 471, 3529. (1o, 2o, 5bdj) Spectroscopic analysis of PN and the central binary.



HD 206893	<i>Delorme, P. et al.</i> (50 authors) 2017, A&A 608, A79. (1aoi, 2cdoi, 5g) Study of the moderately young but extremely red, very dusty substellar companion B.
HD 212989	<i>Scarfe, C.D.</i> 2017, RMxAA 53, 333. (2ao, 5d) RVs and revised spectroscopic orbit.
HD 259440 (HESS J0632+057)	<i>Yi, S.-X., Cheng, K.S.</i> 2017, MNRAS, 471, 4228. (8abd) Model for the orbital-modulated GeV emission: compact companion may be a pulsar.
HD 284149	(see V1300 Tau)
HD 290380 (PDS 110)	<i>Osborn, H.P. et al.</i> (31 authors) 2017, MNRAS 471, 740. (1o*, 2bo, 5abcghik) Periodic eclipses by circumstellar disc material associated with the young star.
BD +40°4227A (Cyg OB2 8A)	<i>Blomme, R. et al.</i> (5 authors) 2017, A&A 608, A69. (4cr, 5c) Variable millimetre radiation from the colliding-wind binary.
BD +40°4243 (WR 146)	<i>Zhekov, S.A.</i> 2017, MNRAS 472, 4374. (1x, 5cg) X-rays from the colliding wind.
BD +46°442	<i>Bollen, D., Van Winckel, H., Kamath, D.</i> 2017, A&A 607, A60. (2ado, 5ij) Jet creation in post-AGB binaries: the circum-companion AD.
BD -22°4376 (EPIC 225300403) (MWC 882)	<i>Zhou, G. et al.</i> (31 authors) 2018, ApJ 854, 109. (1o*oi, 2cio, 5cdei) Occultations from an AD in the 72-day period Algol.

### Objects with names including RA and DEC

CSS J004259.3+410629	<i>Joshi, Y.C., Jagirdar, R.</i> 2017, RAA 17, 115. (1ao, 5abce) Long-term photometric study of a faint W UMa binary in the direction of M31.
XMMU J004855.5-734946 (SXP 15.6)	<i>Vasilopoulos, G. et al.</i> (4 authors) 2017, MNRAS 470, 4354. (1ox*, 2x, 5bce) X-ray spectral and temporal properties of the Be/XB.
XMMU J005205.6-722604 (SMC X-3)	<i>Townsend, L.J. et al.</i> (7 authors) 2017, MNRAS 471, 3878. (1xo*, 2cox) Multiwavelength study of the 2016 super-Eddington outburst.
CXOU J005758.4-722229 (SXP 7.92)	<i>Zhao, H.-H. et al.</i> (5 authors) 2018, Ap&SS 363, 21. (1ax, 2cx) Pulse phase-resolved analysis of the HMXB 2016-2017 super-Eddington outburst.
PNV J01044358+0203419 (Nova IC 1613 2015)	<i>Serim, M. et al.</i> (5 authors) 2017, MNRAS, 471, 4982. (1x, 5bce) Discovery of a glitch in the accretion-powered pulsar.
4U 0114+65	<i>Williams, S.C., Darnley, M.J., Henze, M.</i> 2017, MNRAS 472, 1300. (1aoux, 2c, 5cg) Multiwavelength observations.
4U 0115+63	(see V662 Cas) (see V635 Cas)
WISE J011636.10-394955.3 (NSV 455)	<i>Pi, Q. et al.</i> (6 authors) 2017, AJ 154, 260. (1ao, 5ab, 6b) New EB with visual companion, in field of AD Phe.
OT J012059.6+325545	<i>Imada, A. et al.</i> (6 authors) 2018, PASJ 70, 2. (1ao, 5bi) OAO/MITSuME photometry of the dwarf nova.
WD 0137-349	<i>Longstaff, E.S. et al.</i> (5 authors) 2017, MNRAS 471, 1728. (2abcio, 5bdg) Emission lines in the irradiated brown dwarf component B atmosphere.
3FGL J0212.1+5320	<i>Shahbaz, T., Linares, M., Breton, R.P.</i> 2017, MNRAS 472, 4287. (1gir, 2a, 5cdegk) Properties of the binary millisecond pulsar.

PSR J0348+0432	<i>Kayum Jafry, M.A. et al.</i> (4 authors) 2017, Ap&SS 362, 188. (8a) Analytical model for the massive pulsar.
2MASS J03524169+1701056 (LHS 1610A)	<i>Winters, J.G. et al.</i> (10 authors) 2018, AJ 155, 125. (2ao, 5d) M-type SB1 with probable brown dwarf secondary.
SGR 0501+4516	<i>Mong, Y.-L., Ng, C.-Y.</i> 2018 ApJ 852, 86. (1x, 2x) Observations from outburst to quiescence.
2MASS J05123038–6727143 (OGLE LMC-ECL-9937)	<i>Skowron, D.M. et al.</i> (6 authors), 2017, AcA 67, 329. (1a, 2a, 5cde) The most massive EB with mass accurate to 2%.
1RXS J053246.1–662203 (LMC X-4)	<i>Shtykovsky, A.E. et al.</i> (4 authors) 2018, AstL 44, 149. (1x) Peculiarities of super-Eddington flares based on NuSTAR data.
1A 0535+26	(see V725 Tau)
1RXS J053855.5–640457 (LMC X-3)	<i>Torpin, T.J. et al.</i> (4 authors) 2017, ApJ 849, 32. (1dx, 1ao, 1au) Suggests BH XB is a transient source that is almost always on.
1A 0620–00	(see V616 Mon)
HESS J0632+057	(see HD 259440)
2MASS J06354622+1828280 (TYC 1337-1137-1)	<i>Liao, W.P. et al.</i> (7 authors) 2017, PASP 129, 124204. (1ao, 5abc) Deep overcontact binary with period variations of uncertain cause.
RX J0648.0–4418	(see HD 49798)
PSR J0737–3039A	<i>Pol, N. et al.</i> (6 authors) 2018, ApJ 853, 73. (1r, 2r) Direct measurement of sense of rotation.
CRTS J074722.5+220413 (GSC 01374-01131)	<i>Khruslov, A. V. et al.</i> (4 authors) 2017, PZ 37, 3. (1a, 5ab, 6bd) High-amplitude $\delta$ Scuti variable star with an eclipsing component.
EXO 0748–676	(see UY Vol)
SDSS J082239.54+304857.2	<i>Brown, W.R. et al.</i> (4 authors) 2017, ApJ 847, 10. (1ao, 2do, 6b) Discovery of a detached double WD binary.
1RXS J083842.1–282723	<i>Rea, N. et al.</i> (24 authors) 2017, MNRAS 471, 2902. (1aiorx, 2abcdox, 4aciorx, 5bg, 6cd) Multiband study of a new asynchronous magnetic CV.
2MASS J08503296+1208239 (HAT-TR-318-007)	<i>Hartman, J.D. et al.</i> (14 authors) 2018, AJ 155, 114. (1ao, 2ao, 5cde) Eclipsing M-type SB2 with total secondary eclipse.
1SWASP J092328.76+435044.8	<i>Elkhateeb, M.M. et al.</i> (5 authors) 2018, AstBu 73, 66. (1a, 5bc) LC modelling and evolutionary status of the short-period EB
1RXS J095755.0+690310 (Holmberg IX X-1)	<i>Jithesh V., Misra, R., Wang, Z.</i> 2017, ApJ 849, 121. (2dx) Long-term spectral variability.
GRO J1008–57	<i>Kühnel, M. et al.</i> (9 authors) 2017, A&A 607, A88. (2dx, 5i) Evidence for different accretion regimes in the HMXB.
	<i>Tsygankov, S.S. et al.</i> (7 authors) 2017, A&A 608, A17. (2dx, 5i) Stable accretion from a cold disc in a highly magnetized NS.
1FGL J1018.6–5856	<i>Prokhorov, D.A., Moraghan, A.</i> 2017, MNRAS 471, 3036. (1g, 5b) Confirmed $\gamma$ -ray periodicity.
PG 1018–047	<i>Deca, J. et al.</i> (7 authors) 2018, MNRAS 474, 433. (2ac, 5bdeg, 8c) Evolutionary constraints.
PSR J1022+1001	<i>Shao, M., You, X.-P.</i> 2017, ChA&A 41, 495. (1r, 5bc) Profile stability of the millisecond pulsar.
PSR J1023+0038	(see AY Sex)
SDSS J104336.27+055149.9	<i>Brown, W.R. et al.</i> (4 authors) 2017, ApJ 847, 10. (1ao, 2do, 6b) Discovery of a detached double WD binary.
H 1147–619	(see V801 Cen)

SDSS J115641.68–020703.8 WD 1202–024 (EPIC 201283111)	<i>Lee, C.-H.</i> 2018, <i>AJ</i> 155, 133. (1ao*, 2ao, 5cde) M-dwarf eclipsing SB2.
SDSS J1205–0242 (EPIC 201283111)	<i>Rappaport, S. et al.</i> (11 authors) 2017, <i>MNRAS</i> 471, 948. (1ao*, 2o*, 5bceg, 6b) Discovery of a hot WD CB in the K2 Field 10.
2MASS J12061978+5710352 (TYC 3836-0854-1)	<i>Parsons, S.G. et al.</i> (22 authors) 2017, <i>MNRAS</i> 471, 976. (1ao*, 2ao, 5bcdeg, 6b) Kepler K2 discovery of an ultrashort-period EB with a WD and likely sub-stellar companion.
SSS J122221.7–311525	<i>Liao, W.P. et al.</i> (7 authors) 2017, <i>PASP</i> 129, 124204. (1ao, 5abc) Deep overcontact binary with period variations of uncertain cause.
SDSS J1231+0041 (EPIC 248368963)	<i>Neustroev, V.V. et al.</i> (9 authors) 2018, <i>A&amp;A</i> 611, A13. (1ax, 5i) Superhumps linked to X-ray emission.
PSR J1311-3430	<i>Parsons, S.G. et al.</i> (22 authors) 2017, <i>MNRAS</i> 471, 976. (1ao*, 2ao, 5bcdeg, 6b) Kepler K2 discovery of an ultrashort-period EB with a WD and likely sub-stellar companion.
MASTER OT J132104.04+560957.8	<i>An, H. et al.</i> (5 authors) 2017, <i>ApJ</i> 850, 100. (2dg, 2do, 2du, 2dx) Study of variability.
WISE J135501.90–825838.9	<i>Littlefield, C. et al.</i> (4 authors) 2015, <i>AJ</i> 155, 18. (1ao, 2ado, 5gi) Polar with absorption-emission line reversals.
Swift J1357.2–0933	<i>Gagliuffi, D.C. et al.</i> (4 authors) 2018, <i>ApJ</i> 854, 101. (2i) L+T SB.
1SWASP J140533.33+114639.1	<i>Russell, D.M. et al.</i> (7 authors) 2018, <i>ApJ</i> 852, 90. (1xio, 2x) Evolving synchrotron jet spectrum.
PSR J1411+2551	<i>Zhang, B. et al.</i> (5 authors) 2018, <i>RAA</i> 18, 30. (1ao, 5abcfj) First photometric study of ultrashort-period contact binary.
MAXI J1535–571	<i>Martinez, J.G. et al.</i> (10 authors) 2018, <i>ApJ</i> 851, L29. (1r) A low-mass double NS system.
XTE J1550–564 4U 1608–52	<i>Xu, Y. et al.</i> (12 authors) 2018, <i>ApJ</i> 852, L34. (1x, 2x) Reflection spectra of the BH binary candidate in the hard state. (see V381 Nor)
1SWASP J162117	<i>Kajava, J.J.E. et al.</i> (5 authors) 2017, <i>MNRAS</i> 472, 78. (1x, 5cg, 8a) Variable spreading layer during thermonuclear X-ray bursts.
2MASS J16211735+4412541	<i>Qian, S.-B. et al.</i> (10 authors) 2017, <i>ApJ</i> 848, 131. 36+441254.2 (1aio) Outburst associated with magnetic activity on the secondary.
IGR J16318–4848	<i>Zola, S. et al.</i> (10 authors) 2017, <i>AJ</i> 154, 276. (1ao, 5c) Eclipsing CV with AD present a year after outburst.
PSR J1640+2224	<i>Iyer, N., Paul, B.</i> 2017, <i>MNRAS</i> 471, 355. (1gx*, 2dx*) Orbital variations in X-ray intensity and spectral properties of the highly obscured sgHMXB.
XTE J1650–500	<i>Vigeland, S.J. et al.</i> (6 authors) 2018, <i>ApJ</i> 855, 122. (1or, 4a) Reconciling optical and radio observations of the binary millisecond pulsar.
GRO J1655–40 MXB 1658–298	<i>Xiao, G.-C. et al.</i> (6 authors) 2018, <i>ChA&amp;A</i> 42, 48. (1bx, 2dx, 5ci) Temporal phenomena in the BH transient during the 2001-2002 outburst. (see V1033 Sco)
IGR J16597–3704	(see V2134 Oph)
IGR J17014–4306	<i>Tetarenko, A.J. et al.</i> (31 authors) 2018, <i>ApJ</i> 854, 125. (1rx) Discovery of an accreting millisecond X-ray pulsar.
IGR J17091–3624	<i>Potter, S.B., Buckley, D.A.H.</i> 2018, <i>MNRAS</i> 473, 4692. (3a, 5cgi) Discovery of spin-modulated circular polarization.
	<i>Xu, Y. et al.</i> (11 authors) 2017, <i>ApJ</i> 851, 103. (1x, 2x) Rising hard state during the 2016 outburst.

2MASS J17195764+5750054 (Draco C1) SLX 1737–282	<i>Saedi, S., Sasaki, M., Ducci, L.</i> 2018, MNRAS 473, 440. (1oux, 5ceg) XMM-Newton study of the symbiotic star.
GRS 1739–278 IGR J17445–2747	<i>Padilla, M.A. et al.</i> (5 authors) 2018, MNRAS 473, 3789. (1x, 5cgi) Study of the very faint hard state. (see V2606 Oph)
AX J1745.6–2901	<i>Mereminskiy, I.A., Grebenev, S.A., Sunyaev, R.A.</i> 2017, AstL 43, 656. (1x) X-ray burster in the Galactic bulge.
EXO J1745–248	<i>Bianchi, S. et al.</i> (4 authors) 2017, MNRAS 472, 2454. (5g, 8a) Photoionization instability of the Fe K absorbing plasma in the NS transient. <i>Ponti, G. et al.</i> (15 authors) 2018, MNRAS 473, 2304. (1x, 5cgi) Analysis of XMM-Newton and NuSTAR observations.
SAX J1750.8–2900	<i>Wijnands, R. et al.</i> (5 authors) 2017, MNRAS 472, 559. (1x, 5cgi) Rapid X-ray variability properties.
SAX J1753.5–2349	<i>Parikh, A.S., Wijnands, R.</i> 2017, MNRAS 472, 2742. (1x, 5cg) Variable quiescent state.
AX J1754.2–2754	<i>Shaw, A.W. et al.</i> (6 authors) 2017, MNRAS 471, 2508. (1ix*, 6cd) Near-IR counterpart of a very faint transient NS LMXB.
IGR J17544–2619	<i>Shaw, A.W. et al.</i> (6 authors) 2017, MNRAS 471, 2508. (1ix*, 6cd) Near-IR counterpart of a very faint transient NS LMXB.
1RXS J180108.7–250444 (GX 5-1)	<i>Bikmaev, I.F.</i> (10 authors) 2017, AstL 43, 664. (1a, 2a, 5de, 6cd) Spectroscopic study of the optical counterpart to the fast X-ray transient.
1RXS J180408.9–342058	<i>Homan, J. et al.</i> (7 authors) 2018, ApJ 853, 157. (1x, 2x) Absence of reflection features in the NS XB.
SAX J1806.5–2215	<i>Wijnands, R. et al.</i> (5 authors) 2017, MNRAS 472, 559. (1x, 5cgi) Rapid X-ray variability.
MAXI J1807+132	<i>Shaw, A.W. et al.</i> (6 authors) 2017, MNRAS 471, 2508. (1ix*, 6cd) Near-IR counterpart of a very faint transient NS LMXB.
SAX J1808.4–3658	<i>Shidatsu, M. et al.</i> (12 authors) 2017, ApJ 850, 155. (1ao, 2dx) Discovery of a transient NS LMXB. (see V4580 Sgr)
3XMM J181923.7–170616.2 (Swift J1819.2–1706)	<i>Qiu, H. et al.</i> (5 authors) 2017, ApJ 847, 44. (1aix, 2dx, 6c) Refined period of the pulsar.
IGR J18245–2452	<i>Wijnands, R. et al.</i> (5 authors) 2017, MNRAS 472, 559. (1x, 5cgi) Rapid X-ray variability.
GS 1826–238	(see V4634 Sgr)
XTE J1855–026	<i>Devasia, J., Paul, B.</i> 2018, JApA 39, 7. (1ax, 2cdx, 5ij) Suzaku observations of the eclipsing HMXB pulsar.
2MASS J18584633+4029550 (KIC 5255552)	<i>Zhang, J. et al.</i> (6 authors) 2018, A&A 610, A72. (1ao, 5a) Eclipsing triple system.
2MASS J19005407+4925270 (KIC 11495766)	<i>Zhang, J. et al.</i> (6 authors) 2018, A&A 610, A72. (1ao, 5a) EB a probable triple system.
2MASS J19061314+3857165 (KIC 3835482)	<i>Kawahari, H. et al.</i> (6 authors) 2018, AJ 155, 144. (1ao*, 2ao, 5e) Self-lensing binary with WD component, found in Kepler data.
GRS 1915+105	(see V1487 Aql)
2MASS J19172971+5056036 (KIC 12254638)	<i>Kawahari, H. et al.</i> (6 authors) 2018, AJ 155, 144. (1ao*, 2ao, 5e) Self-lensing binary with WD component, found in Kepler data.

2MASS J19195369+4339137 (KIC 7885570)	<i>Kunt, M., Dal, H.A.</i> 2017, <i>AcA</i> 67, 345. (1a, 5abc) Cool spot and flare activity.
2MASS J19301822+4931325 (KIC 11560447)	<i>Özavci, İ. et al.</i> (7 authors) 2018, <i>MNRAS</i> 474, 5534. (1ao, 2a, 5cdeg) Analysis of surface inhomogeneities and system parameters.
PSR J1933–6211	<i>Graikou, E. et al.</i> (7 authors) 2017, <i>MNRAS</i> 471, 4579. (1r, 5be) High-precision timing analysis of the millisecond pulsar and WD companion, determining mass limit, velocity and orbit.
2MASS J19341402+4123432 (KIC 6048106)	<i>Samadi, A. et al.</i> (4 authors) 2018, <i>MNRAS</i> 474, 5549. (1ao, 5cdeg) Algol-type EB with long-term magnetic activity and hybrid pulsations.
2MASS J19355423+4130355 (KIC 6233093)	<i>Kawahari, H. et al.</i> (6 authors) 2018, <i>AJ</i> 155, 144. (1ao*, 2ao, 5e) Self-lensing binary with WD component, found in Kepler data.
SGR 1935+2154	<i>Levan, A., Kouveliotou, C., Fruchter, A.</i> 2018, <i>ApJ</i> 854, 161. (1xoi) Identification of the IR counterpart.
2MASS J19454606+5113275 (KIC 12418816)	<i>Dal, H.A., Özdarcın, O.</i> 2018, <i>MNRAS</i> 474, 326. (1ao, 2ac, 5cdeg) EB photometric and spectroscopic analysis.
PSR J1946+2052	<i>Stovall, K. et al.</i> (35 authors) 2018, <i>ApJ</i> 854, L22. (1r) Discovery of a highly relativistic double NS binary.
2MASS J19495191+4701236 (KIC 10091110)	<i>Zhang, J. et al.</i> (6 authors) 2018, <i>A&amp;A</i> 610, A72. (1ao, 5a) Double EB.
IGR J19552+0044	<i>Tovmassian, G. et al.</i> (26 authors) 2017, <i>A&amp;A</i> 608, A36. (1ao, 2ao, 5bcd) A new asynchronous short period polar: filling the gap between intermediate and ordinary polars.
MMAXI J1957+032	<i>Ravi, V.</i> 2017, <i>ApJ</i> 851, 115. (1ix, 2i) Interacting binary with a NS component?
PSR B1957+20	(see QX Sge)
GS 2023+338	(see V404 Cyg)
EXO 2030+375	(see V2246 Cyg)
PSR J2045+3633	<i>Berezina, M. et al.</i> (14 authors) 2017, <i>MNRAS</i> 470, 4421. (1r, 3ar, 4ar, 5bce, 6b) Mildly recycled binary pulsar.
PSR J2053+4650	<i>Berezina, M. et al.</i> (14 authors) 2017, <i>MNRAS</i> 470, 4421. (1r, 3ar, 4ar, 5bce, 6b) Mildly recycled binary pulsar.
SAX J2103.5+4545	<i>Brumback, M.C. et al.</i> (7 authors) 2018, <i>ApJ</i> 852, 132. (1x, 2x) Phase-dependent absorption feature in the X-ray pulsar.
HS 2231+2241	<i>Almeida, L.A. et al.</i> (5 authors) 2017, <i>MNRAS</i> 472, 3093. (1ao, 2a, 5cde) HW Vir-type system with brown dwarf companion.

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### X-ray sources with constellation or galaxy names

Aql X-1	(see V1333 Aql)
Cyg X-1	(see V1357 Cyg)
Cyg X-2	(see V1341 Cyg)
Cyg X-3	(see V1521 Cyg)
Holmberg IX X-1	(see 1RXS J095755.0+690310)
LMC X-3	(see 1RXS J053855.5–640457)
LMC X-4	(see 1RXS J053246.1–662203)
SMC X-3	(see XMMU J005205.6–722604)

Vel X-1

(see GP Vel)

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## Objects with other designations

ASASSN-13cx

*Khruzina, T.S. et al.* (4 authors) 2018, ARep 62, 31. (1a, 5be, 6d) CV.

ASASSN-16eg

*Wakamatsu, Y. et al.* (22 authors) 2017, PASJ 69, 89. (1ao, 5bi) Long-period WZ Sge-type dwarf nova candidate.

AT 2017gfo

(see GW170817)

Cyg OB2 8A

(see BD +40°4227A)

GSC 01374-01131

(see CRTS J074722.5+220413)

Draco C1

(see 2MASS J17195764+5750054)

EPIC 225300403

(see BD −22°4376)

GW150914

*Connaughton, V. et al.* (28 authors) 2018, ApJ 852, L9. (8ac) Reanalysis of Fermi Gamma-ray Burst Monitor data affirms the connection between the gravitational wave event and the  $\gamma$ -ray burst.

*Kawai, N. et al.* (7 authors) 2017, PASJ 69, 85. (1ax, 5i) X-ray upper limits with MAXI.

GW151226

*Utsumi, Y. et al.* (18 authors) 2018, PASJ 70, 1. (1aio, 6c) A challenge to identify the optical counterpart of the gravitational wave event with Hyper Suprime-Cam.

GW170608

*Abbott, B.P. et al.* (1104 authors) 2017, ApJ 851, L35. Observation of a 19 solar-mass binary BH coalescence.

GW170817

*Abbott, B.P. et al.* (3645 authors) 2017, ApJL 848, L12. (1a, 2dgiorux)

(GRB 170817A)

Observations of NS merger across the EM spectrum.

*Abbott, B.P. et al.* (2365 authors) 2017, ApJL 848, L13. (2dg) Confirmation of NS merger as a progenitor of short  $\gamma$ -ray bursts.

*Abbott, B.P. et al.* (1092 authors) 2017, ApJL 848, L40. (8c) Constraints on NS merger progenitor.

*Abbott, B.P. et al.* (1108 authors) 2017, ApJL 851, L16. (7d) No post-merger gravitational waves detected.

*Abdalla, H. et al.* (268 authors) 2017, ApJL 850, L22. (2dg)  $\gamma$ -ray observations of binary NS merger.

*Albert, A. et al.* (1843 authors) 2017, ApJL 850, L35. (7a) No neutrino detection from binary NS merger.

*Alexander, K.D. et al.* (22 authors) 2017, ApJL 848, L21. (2dmr) Microwave and radio observations of binary NS merger.

*Andreoni, I. et al.* (125 authors) 2017, PASA 34, 69. (1aio, 1r, 2do, 6c) Follow-up of gravitational wave event and its electromagnetic counterpart by Australian-led observing programmes.

*Arcavi, I.* 2018, ApJ 855, L23. (1i\*o\*u\*) Early optical and UV observations constraining emission models.

*Bromberg, O. et al.* (5 authors) 2018, MNRAS 475, 2971. (8d) Magnetic jet breaking out of the NS merger ejecta.

*Cantiello, S. et al.* (27 authors) 2018, ApJ 854, L31. (1i) A precise distance to the host galaxy.

*Chornock, R. et al.* (32 authors) 2017, ApJL 848, L19. (2di) Evidence of r-process during binary NS merger.

*Coulter, D.A. et al.* (17 authors) 2017, Sci 358, 1556. (1ai, 6c) SN SSS17a optical counterpart to GW170817.

*Cowperthwaite, P.S. et al.* (144 authors) 2017, ApJL 848, L17. (1aiou) Data consistent with r-process during binary NS merger.

*Drout, M.R. et al.* (44 authors) 2017, Sci 358, 1570. (1aoui, 5c) LCs of the NS-NS merger: implications for r-process nucleosynthesis.

*Evans, P.A. et al.* (59 authors) 2017, Sci 358, 1565. (2dux) Swift and NuSTAR observations: detection of a blue kilonova.

*Gao, H. et al.* (4 authors) 2017, ApJ 851, L45. (1uio) Constraining the mass ratio.

*Guidorzi, C. et al.* (10 authors) 2017, ApJ 851, L36. Constraints on  $H_0$ .

*Haggard, D. et al.* (7 authors) 2017, ApJL 848, L25. (2dx) X-ray observations of binary NS merger.

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HIP 111170	(see HR 8581)
HIP 89000	(see HR 6797)
IC 4776	(see HD 173283)
KIC 3835482	(see 2MASS J19061314+3857165)
KIC 5255552	(see 2MASS J18584633+4029550)
KIC 6048106	(see 2MASS J19341402+4123432)
KIC 6233093	(see 2MASS J19355423+4130355)
KIC 7885570	(see 2MASS J19195369+4339137)
KIC 10091110	(see 2MASS J19495191+4701236)
KIC 11495766	(see 2MASS J19005407+4925270)
KIC 11560447	(see 2MASS J19301822+4931325)
KIC 12254638	(see 2MASS J19172971+5056036)
KIC 12418816	(see 2MASS J19454606+5113275)
LHS 1610A	(see 2MASS J03524169+1701056)
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