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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	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

Individual Stars

ω And	*Farrington, C.D. et al.* (10 authors) 2014, AJ 148, 48. (4co, 5de) SB resolved interferometrically.
AP And	*Lacy, C.H.S. et al.* (4 authors) 2014, AJ 147, 148. (1ao, 2ao, 5abcde) Precise masses and radii.
BD And	*Kim, C.-H. et al.* (5 authors) 2014, ApJ 788, 134. (1a, 5abc) LC solution of detached solar-type binary; elliptically orbiting third body discovered.
R Aqr	*Min, C. et al.* (8 authors) 2014, PASJ 66, 38. (4cr, 5j) Accurate parallax measurement toward symbiotic star.
HU Aqr	*Schwope, A.D., Thinius, B.D.* 2014, AN 335, 357. (1ao, 5abc) Quasi-periodic modulations of eclipse timing of magnetic CV interpreted as due to a planet or planetary system.
V729 Aql	*Liakos, A., Cagaš, P.* 2014, Ap&SS 353, 559. (5b) First frequency analysis for EB found to have a pulsating component.
V1333 Aql (Aql X-1)	*Campana, S. et al.* (8 authors) 2014, MNRAS 441, 1984. (1x, 5cegi, 8a) The return to quiescence following the 2010 outburst.
	Güngör, C., Güver, T., Ekşi, Y. 2014, MNRAS 439, 2717. (1x, 2dx, 5i) Different types of outbursts of LMXB classified according to duration and flux level.
V1487 Aql (GRS 1915+105)	*Ortega-Rodriguez, M. et al.* (5 authors) 2014, MNRAS 440, 3011. (1x, 5bcgi, 8a) The 2:3:6 QPO structure.
	Stiele, H., Yu, W. 2014, MNRAS 441, 1177. (1x*, 5bcgi, 8a) Detection of distinct power spectra in soft and hard x-ray bands.
V1830 Aql	*Munari, U. et al.* (10 authors) 2014, MNRAS 440, 3402. (1ao, 2abc, 5abcdegh) Photometric and spectroscopic study.
V801 Ara (4U 1636−536)	*Keek, L. et al.* (4 authors) 2014, ApJ 789, 121. (1x, 2x) LMXB during super burst.
	Lyu, M. et al. (6 authors) 2014, MNRAS 440, 1165. (1x, 2dx, 5i) 6.5 keV iron emission line and continuum variations consistent with truncated disc model and changes in accretion rate and disc ionization state.
	Sanna, A. et al. (6 authors) 2014, MNRAS 440, 3275. (1x, 5cgi, 8a) Broad iron emission line and kilohertz QPOs.
V821 Ara (GX 339-4)	*Petrucci, P.-O. et al.* (5 authors) 2014, A&A 564, A37. (2dx, 5cij) The return to the hard state of the LMXB as seen by Suzaku.
	Plant, D.S. et al. (5 authors) 2014, MNRAS 442, 1767. (1x, 5cgi, 8a) Analysis of the reflection spectrum throughout three outbursts.
	Rahoui, F., Coriat, M., Lee, J.C. 2014, MNRAS 442, 1610. (1ao, 2bc, 5cdgi) Optical and near-infrared spectroscopy.
TT Ari	*Smak, J.* 2014, AcA 64, 167. (1a, 5b) QPOs.
RW Aur	*Skinner, S.L., Güdel, M.* 2014, ApJ 788, 101. (1x, 2x) Resolution of binary system.
UY Aur	*Stone, J.M. et al.* (6 authors) 2014, ApJ 792, 56. (2ci) Variable accretion rates of components.
QZ Aur	*Shi, G., Qian, S.-B.* 2014, PASJ 66, 41. (1ao, 5abij) Eclipsing CV with a WD of almost equivalent mass to its companion.
RY Cnc	*Khaliullina, A.I.* 2014, ARep 58, 545. (5b) Orbital-period variations of CB with late-type components.

η Car	*Mehner, A. et al.* (7 authors) 2014, A&A 564, A14. (1ai, 5gj) Near-IR evidence for a sudden temperature increase.
γ Cas	*Pollmann, E., Guarro Flo, J.* 2014, IBVS No. 6103. (2ad, 5b) Periodic behaviour of emission line HeI 6678 A.
HT Cas	*Bakowska, K., Olech, A.* 2014, AcA 64, 247. (1a, 6d) Hot spot manifestation in eclipsing dwarf nova.
V615 Cas (LS I +61°303)	*Massi, M., Torricelli-Ciamponi, G.* 2014, A&A 564, A23. (2dr, 8a) Intrinsic physical properties and Doppler boosting effects in the HMXB.
V709 Cas	*Hric, L. et al.* (5 authors) 2014, MNRAS 335, 362. (1ao, 5bk) 10 years of photometry of IP used for O−C analysis; WD spin period of 311 s derived; orbital period refined, no variation detected.
V745 Cas	*Çacirli, Ō., Ibanoglu, C., Sipahi, E.* 2014, MNRAS 442, 1560. (1ao, 2abc, 5abcdeg) Photometric and spectroscopic study.
V779 Cen (Cen X-3)	*Al-Wardat, M.A. et al.* (6 authors) 2014, AstBu 69, 325. (5c) Modified physical and geometric parameters of eclipsing x-ray binary system.
V822 Cen (Cen X-4)	*Baglio, M.C. et al.* (4 authors) 2014, A&A 566, A9. (3aoi, 5i) Transient LMXB in quiescence.
	Shahbaz, T. Watson, C.A., Dhillon, V.S. 2014, MNRAS 440, 504. (2ao, 5dek) Accurate fundamental system parameters of NS + K7 LMXB derived from high-resolution spectroscopy and Doppler tomography; secondary has large polar starspot.
ξ Cep	*Farrington, C.D. et al.* (10 authors) 2014, AJ 148, 48. (4co, 5de) Spectroscopic binary resolved interferometrically.
EE Cep	*Galan, C. et al.* (5 authors) 2014, IBVS No. 6111. (1a, 6d) The 2014 eclipse: third international observational campaign.
V809 Cep	*Munari, U. et al.* (10 authors) 2014, MNRAS 440, 3402. (1ao, 2abc, 5abcdegh) Photometric and spectroscopic study.
BR Cir (Cir X-1)	*Asai, K. et al.* (8 authors) 2014, PASJ 66, 79. (1bx, 5ij) Sudden end of x-ray outbursts around periastron observed with MAXI.
	Harrison, T.E. et al. (4 authors) 2014, AJ 148, 22. (1i, 2d, 5gi) Herschel Space Observatory infrared observations extend spectral energy distribution.
V691 CrA (2A 1822−371) (4U 1822−37)	*Maccarone, T.J., Girard, T.M., Casetti-Dinescu, D.I.* 2014, MNRAS 440, 1626. (4a*) LMXB with long-period x-ray pulsar, very high luminosity and large orbital period change.
	Sasano, M. et al. (5 authors) 2014, PASJ 66, 35. (2dx, 5i) Suzaku view of the NS in the dipping source.
BP Cru (GX 301-2)	*Islam, N., Paul, B.* 2014, MNRAS 441, 2539. (2x, 5degi) Orbital phase-resolved spectroscopy.
V404 Cyg (GS 2023+338)	*Bernardini, F., Cackett, E.M.* 2014, MNRAS 439, 2771. (1x, 2dx, 5i) Variability of Swift x-ray LCs and flares of BH LMXB found on time scales of tens of minutes to years.
V443 Cyg	*Bakis, V. et al.* (9 authors) 2014, AJ 147, 149. (1ao, 2ao, 5cde) Binary in Cygnus OB region.
V445 Cyg	*Bakis, V. et al.* (9 authors) 2014, AJ 147, 149. (1ao, 2ao, 5cde) Binary in Cygnus OB region.
V1016 Cyg	*Lee, H-W., Heo, J-E., Lee, B-C.* 2014, MNRAS 442, 1956. (2bco, 5dgi) Raman-scattered Ne VII λ973 at 4881 $\AA$.

V1357 Cyg (Cyg X-1)	*Gou, L. et al.* (9 authors) 2014, ApJ 790, 29. (1x, 2x) Extreme spin confirmed. *Grinberg, V. et al.* (14 authors) 2014, A&A 565, A1. (2dx, 5gij) Long-term variability of the HMXB. VI. Energy-resolved x-ray variability 1999-2011. *Jourdan, E., Roques, J.P., Chauvin, M.* 2014, ApJ 789, 26. (1x, 2x) Observed in soft state. *Xang, J., Zu, B., Lu, J.* 2014, ApJ 788, 143. (2x*, 8abd) Origin of multiband emission. *Zdziarski, A.A. et al.* (4 authors) 2014, MNRAS 442, 3243. (1girux, 5ceg, 8a) Jet contributions to the broad-band spectrum in the hard state.
V2107 Cyg	*Bakis, V. et al.* (9 authors) 2014, AJ 147, 149. (1ao, 2ao, 5cde) Binary in Cygnus OB region.
V2467 Cyg (Nova 2007)	*Tarasova, T.N.* 2014, ARep 58, 302. (2d, 5jgh) Spectroscopic study of nova envelope.
V2491 Cyg (Nova 2008)	*Tarasova, T.N.* 2014, ARep 58, 302. (2d, 5jgh) Spectroscopic study of nova envelope.
TY Del	*Khaliullina, A.I.* 2014, ARep 58, 545. (5b) Orbital-period variations of CB with late-type components.
AB Dor	*Slee, O.B. et al.* (4 authors) 2014, PASA 31, e021. (1ao, 2dx, 3aru) Multiwavelength observations.
RZ Dra	*Hinse, T.C. et al.* (7 authors) 2014, A&A 565, A104. (5a) Stability of the substellar circumbinary companions.
AG Dra	*Hric, L. et al.* (5 authors) 2014, MNRAS 443, 1103. (1ao, 5bceg) A long-term photometric study of the outburst activity.
IP Eri	*Merle, T. et al.* (6 authors) 2014, A&A 567, 30. (5b) Binary with period over 1000 days hosting a He WD. *Siess, L., Davis, P.J., Jorissen, A.* 2014, A&A 565, A57. (8c) The formation of long-period eccentric binaries with a He WD.
KT Eri	*Munari, U., Mason, E., Valisa, P.* 2014, A&A 564, A76. (2do) The nova narrow and moving HeII lines.
AK For	*Helminiak, K.-G. et al.* (7 authors) 2014, A&A 567, 64. (5c) Orbital and physical parameters of a rare, bright K-type eclipsing SB2.
AF Gem	*Yang, Y.-G., Yang, Y., Li, S.Z.* 2014, AJ 147, 145. (1ao, 5abc) Possible triple system.
89 Her	*Hillen, M. et al.* (9 authors) 2014, A&A 568, 12. (4c, 8b) Interferometric study of post-AGB binary. II. Radiative transfer models of the circumbinary disk.
HZ Her (Her X-1)	*Asami, F. et al.* (7 authors) 2014, PASJ 66, 44. (2cdx, 5i) Broad-band spectroscopy with Suzaku.
V934 Her (4U 1700+24)	*Xu, R.-X.* 2014, RAA 14, 617. (5ij, 8ad) A solution to the puzzling symbiotic x-ray system.
RW Hya	*Mikolajewska, J. et al.* (5 authors) 2014, MNRAS 440, 3016. (2bci, 5gh) Chemical abundance analysis.
EX Hya	*Hayashi, T., Ishida, M.* 2014, MNRAS 441, 3718. (5cdegi, 8a) Application of a new comprehensive x-ray spectral model. *Semena, A.N., Revnivtsev, M.G.* 2014, AstL 40, 475. (1x, 2x, 5i, 8d) Aperiodic x-ray flux variability and the area of the base of the accretion column at the WD surface.

	Semena, A.N. et al. (9 authors) 2014, MNRAS 442, 1123. (1ao, 5cegi) On the area of accretion curtains from fast aperiodic time variability.
SW Lac	*Yuan, J., Şenavci, H.V.* 2014, MNRAS 439, 878. (1ao, 5ab) O−C analysis suggests two possible companions of EB; dynamical analysis of long-term unstable quadruple system.
HR Lyr	*Honeycutt, R.K. et al.* (5 authors) 2014, AJ 147, 105. (1ao) 22-year light variations of old nova.
V404 Lyr	*Lee, J.W. et al.* (5 authors) 2014, AJ 148, 37. (5ab) From 2922 times of minima find period increase and two sinusoidal variations; primary is γ Dor variable.
V578 Mon	*Garcia, E.V. et al.* (6 authors) 2014, AJ 148, 39. (1o*, 2ao, 5cdef) Comparison with stellar evolution models for massive binary.
V959 Mon (Nova 2012)	*Taranova, O.G. et al.* (4 authors) 2014, AstL 40, 120. (1boi, 2d, 5ej) Infrared photometry and spectral energy distribution.
	Tarasova, T.N. 2014, AstL 40, 309. (2d, 5jgh) Spectroscopic study of the envelope of γ-ray source nova.
SY Mus	*Mikolajewska, J. et al.* (5 authors) 2014, MNRAS 440, 3016. (2bci, 5gh) Chemical abundance analysis.
GU Mus (GS 1124−683)	*Morningstar, W.R. et al.* (4 authors) 2014, ApJ 784, L18. (5i) Suggest that AD is retrograde.
QX Nor (4U 1608−522)	*Putanen, J. et al.* (7 authors) 2014, MNRAS 442, 3777. (1x, 5cegi, 8a) The effect of accretion on the measurement of NS mass and radius.
V2672 Oph (Nova 2009)	*Takei, D. et al.* (4 authors) 2014, PASJ 66, 37. (2cdx, 5j) X-ray development of classical nova with Suzaku.
FZ Ori	*Prasad, V. et al.* (4 authors) 2014, Ap&SS 353, 575. (1a, 3b) Photometric and polarimetric studies of W UMa-type binary.
V1055 Ori (4U 0614+091)	*Madej, O.K. et al.* (7 authors) 2014, MNRAS 442, 1157. (2x, 5dgi) X-ray reflection in oxygen-rich ADs.
V1799 Ori	*Liu, N.-P. et al.* (6 authors) 2014, RAA 14, 1157. (1ao, 5abcg) Photometric investigation of K-type extremely shallow-contact binary.
DI Peg	*Yang, Y.-G., Yang, Y., Li, S.Z.* 2014, AJ 147, 145. (1ao, 5abc) Possible triple system.
V407 Peg	*Lee, J.W. et al.* (5 authors) 2014, AJ 147, 91. (1ao, 2a*, 5abcde) Totally eclipsing A-type overcontact binary.
	Prasad, V. et al. (4 authors) 2014, Ap&SS 353, 575. (1a, 3b) Photometric and polarimetric studies of W UMa-type binary.
T Pyx	*Chomiuk, L. et al.* (12 authors) 2014, ApJ 788, 130. (1x, 2x) Outburst of recurrent nova gives WD mass.
	Surina, F. et al. (6 authors) 2014, AJ 147, 107. (1ao, 2ao, 5gj) Detailed study of 2011 outburst.
WZ Sge	*Nucita, A.A. et al.* (6 authors) 2014, A&A 566, A121. (2dux, 5i) Spectral and timing analysis in the CV.
V1223 Sgr	*Hayashi, T., Ishida, M.* 2014, MNRAS 441, 3718. (5cdegi, 8a) Application of a new comprehensive x-ray spectral model.
V4580 Sgr (SAX J1808.4−3658)	*Bult, P.,van der Klis, M.,* 2014, ApJ 789, 99. (1x, 2x) 1.5 Hz Flaring at high luminosity.
V4641 Sgr	*MacDonald, R.K.D. et al.* (9 authors) 2014, ApJ 784, 2. (1aiox, 2ao, 5e) Two optical states, passive and active, during x-ray quiescence.

	Morningstar, W.R. et al. (4 authors) 2014, ApJ 786, L20. (2x) Model of x-ray spectrum that includes partial absorption and reflection.
V5512 Sgr (GX 13+1)	*D'Aì, A. et al.* (6 authors) 2014, A&A 564, A62. (2dx) Chandra x-ray spectroscopy of LMXB.
V745 Sco	*Banerjee, D.P.K. et al.* (7 authors) 2014, ApJ 785, L11. (2ci) Suggest this as a possible type Ia SN progenitor.
V818 Sco (Sco X-1)	*Titarchuk, L., Selfina, E., Shrader, C.* 2014, ApJ 789, 98. (1x, 2x) Spectral hardening during the flaring branch.
V866 Sco (AS 205)	*Salyk, C. et al.* (6 authors) 2014, ApJ 792, 68. (1r) Binary wind or tidal interaction.
V893 Sco	*Bruch, A.* 2014, A&A 566, A101. (1ao, 5ab) Oscillations and possible giant planet in EB CV.
V1309 Sco	*Nandez, J.L.A., Ivanova, N., Lombardi, J.C.* 2014, ApJ 786, 39. (8acd) Theorectical study of merger.
	Pejcha, O. 2014, ApJ 788, 22. (8d) Model of mass loss that led to merger.
V479 Sct (LS 5039)	*Collmar, W., Zhang, S.* 2014, A&A 565, A38. (2dg, 6c) The HMXB counterpart of the unidentified MeV source GRO J1823−12.
	Takata, J. et al. (6 authors) 2014, ApJ 790, 18. (1g, 2g) Four years of data analyzed.
V556 Ser	*Munari, U. et al.* (10 authors) 2014, MNRAS 440, 3402. (5cdegi) Photometric and spectroscopic study.
AY Sex (PSR J1023+0038)	*Stappers, B.W. et al.* (12 authors) 2014, ApJ 790, 39. (1ox, 2x) State change in the PSR.
	Takata, J. et al. (12 authors) 2014, ApJ 785, 131. (1gorx, 2o) Development of an AD since June 2013.
	Tendulkar, S.P. et al. (22 authors) 2014, ApJ 791, 77. (1x, 2x) Observations of state transition.
DQ Tau	*Bary, J.S., Peterson, M.S.* 2014, ApJ 792, 64. (2ci) Accretion and spot activity.
EQ Tau	*Li, K. et al.* (4 authors) 2014, AJ 147, 98. (1ao, 2a*, 5abcde) Shallow-contact spotted system, possibly with third component.
GG Tau	*Di Folco, E. et al.* (12 authors) 2014, A&A 565, L2. (4ci, 6b) Low-mass companion to GG Tau Ab.
KZ TrA (4U 1626−67)	*Beri, A. et al.* (4 authors) 2014, MNRAS 439, 1940. (1x*, 5i) Study of pulse profile evolution of x-ray pulsar over past 40 years; different accretion modes of NS in subsequent spin-up and spin-down eras observed; QPOs only present during spin-down era.
ER UMa	*Ohshima, T., et al.* (48 authors) 2014, PASJ 66, 67. (1ao, 5bfij) Study of negative and positive superhumps
LP UMa	*Prasad, V. et al.* (4 authors) 2014, Ap&SS 353, 575. (1a, 3b) Photometric and polarimetric studies of W UMa-type binary.
DQ Vel	*Barria, D. et al.* (4 authors) 2014, A&A 567, 140. (8c) Exploring the long-term variability and evolutionary stage of interacting binary.
GP Vel (Vel X-1)	*Wang, W.* 2014, MNRAS 440, 1114. (1x*, 2dx, 5i) Long-term INTEGRAL hard x-ray monitoring results for HMXB; phase and time-dependent variations of cyclotron resonance scattering features support column accretion geometry.

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

HD 86222	*Dimitrov, W. et al.* (10 authors) 2014, A&A 564, A26. (1aoi, 2ao, 5cde, 6b) Quintuple system with one EB and one SB component.
HD 152246	*Nasseri, A. et al.* (9 authors) 2014, A&A 568, 94. (8a, 6b) New high-mass triple system and its basic properties.
HD 164492C	*Hubrig, S. et al.* (14 authors) 2014, A&A 564, L10. (3bo) Discovery of a magnetic field in a multiple system.
HD 161306	*Koubsky, P. et al.* (12 authors) 2014, A&A 567, 57. (4r) A radiatively interacting Be binary.
HD 178911	*Farrington, C.D. et al.* (10 authors) 2014, AJ 148, 48. (4co, 5de) Spectroscopic binary resolved interferometrically.
HD 213597B	*Chaturvedi, P. et al.* (9 authors) 2014, MNRAS 442, 3737. (1ao*, 2abc, 5bcdeg) Determination of mass and orbital parameters.
HD 215227 (MWC 656)	*Munar-Adrover, P. et al.* (6 authors) 2014, ApJ 786, L11. (2x) First Be star/BH x-ray binary.
HDE 228766	*Rauw, G. et al.* (6 authors) 2014, A&A 566, A107. (1aubo, 2dx, 5j) The wind of an extreme Of + WNLha star.
CD -30°11223	*Mereghetti, S. et al.* (8 authors) 2014, MNRAS 441, 2684. (1x, 5bcegij, 8a) Constraints on the winds of hot subdwarf stars.
CPD −63°2495 (PSR B1259−63)	*Chernyakova, M. et al.* (17 authors) 2014, MNRAS 439, 432. (1grx, 2aio, 4c, 5i) Multiwavelength observations during 2010/11 periastron passage of radio pulsar + O9.5 Ve system.

Objects with names including RA and DEC

ASAS J000709+2621.5	*Kjurkchieva, D.P., Dimitrov, D.P. Ibryamov, S.I.* 2014, IBVS No. 6113. (1aoi, 5bc, 6d) Overcontact EB, not a δ Sct variable.
SDSS J001153.08−064739.2	*Rebassa-Mansergas, S.G. et al.* (4 authors) 2014, ApJ 790, 28. (1o, 2o*, 5bd) Kerr BH with extremely high spin.
IGR J00370+6122	*González-Galán, A. et al.* (6 authors) 2014, A&A 566, A131. (2acdo, 5dg) Peculiar x-ray transient HMXB.
RX J0045.4+4154	*Tang, S. et al.* (16 authors) 2014, ApJ 786, 61. (1ox, 2ocx) Accreting WD is near the Chandrasekhar limit.
CXOU J004732.0−251722.1	*Maccarone, T.J. et al.* (8 authors) 2014, MNRAS 439, 3064. (1xx*, 6b) Discovery of possible new WR x-ray binary in starburst galaxy NGC 253; possibly periodic x-ray variability on time scale of $\approx 14 - 15$h.
4U 0142+61	*Wang, W., Tong, H., Guo, Y.-J.* 2014, RAA 14, 673. (2dx, 5ij) Hard x-ray emission cutoff in anomalous x-ray pulsar detected by INTEGRAL.
MAXI J0158−744	*Ohtani, Y., Morii, M., Shigeyama, T.* 2014, ApJ 787, 165. (8c) Explanation of Ne emission line.
2MASS J05164937−6932460 (EROS 1054)	*Hong, K. et al.* (4 authors) 2014, AJ 147, 151. (1o*, 5af) Apsidal motion in LMC binary.
2MASS J05194962−6924579 (EROS 1018)	*Hong, K. et al.* (4 authors) 2014, AJ 147, 151. (1o*, 5af) Apsidal motion in LMC binary.
OGLE J052224.82−693622.6 (EROS 1041)	*Hong, K. et al.* (4 authors) 2014, AJ 147, 151. (1o*, 5af) Apsidal motion in LMC binary.

1FGL J0523.5−2529	*Strader, J. et al.* (7 authors) 2014, ApJ 788, L27. (1ao, 2ao) Observations of hard state between outbursts.
CXOU J053759.4−690901 ([M2002] LMC 169782)	*Morrell, N.I. et al.* (5 authors) 2014, ApJ 789, 139. (1a, 2a, 5abcde) Massive O-type binary in LMC.
CXOU J053842.0−690545 ([P93] 921)	*Morrell, N.I. et al.* (5 authors) 2014, ApJ 789, 139. (1a, 2a, 5abcde) Massive O-type binary in LMC.
1RXS J054648.3−710924 (CAL 87)	*Ribeiro, T. Lopes de Oliveira, R., Borges, B.W.* 2014, ApJ 792, 20. (1x, 2x) Observations in a very high state.
2MASS J05541700+4425338 (NSVS 4484038)	*Zhang, X.B. et al.* (12 authors) 2014, AJ 148, 40. (1ao, 5abc) Short-period W UMa system.
4U 0614+091	(see V1055 Ori)
PSR J0737−3039A/B	*Liang, Z.-X., Liang, Y., Weisberg, J.M.* 2014, MNRAS 439, 3712. (8a) Test of lighthouse model by analysis of mutual modulation of pulses in a binary pulsar system.
	Perera, B.B.P. et al. (8 authors) 2014, ApJ 787, 51. (8a) Modelling the pulse profile to constrain the radio beam.
	Rickett, B.J. et al. (11 authors) 2014, ApJ 787, 161. (2r) Interstellar scintillation constrains orbital parameters.
SDSS J0926+3624	*Szypryt, P. et al.* (13 authors) 2014, MNRAS 439, 2765. (1aoi, 5abc) First eclipsing AM CVn-type object.
1SWASP J093010.78+533859.5	*Koo, J.R. et al.* (8 authors) 2014, AJ 147, 104. (1ao, 2a, 5abcde) System containing two EBs, brighter of which shows third light, making system quintuple.
GRO J1008−57	*Bellum, E.C. et al.* (14 authors) 2014, ApJ 792, 108. (1x, 2x) Confirmation of 80 keV magnetic field.
	Wang, W. 2014, RAA 14, 565. (1bx, 2dx, 5bij) Temporal variations and spectral properties of Be/x-ray pulsar studied by INTEGRAL.
	Yamamoto, T. et al. (6 authors) 2014, PASJ 66, 59. (2dx, 5ij) Firm detection with Suzaku of a cyclotron resonance feature in the x-ray spectrum during a giant outburst in 2012.
PSR J1023+0038	(see AY Sex)
GS 1124−683	(see GU Mus)
SDSS J113732.32+405458.3	*Carter, P.J. et al.* (9 authors) 2014, MNRAS 439, 2848. (1ao*, 2ao*, 2d, 5b) Discovery of new AM CVn-type binary from SDSS survey.
PSR J1141−6545	*Sravan, N. et al.* (4 authors) 2014, ApJ 792, 138. (8) GR periastron precession in eccentric WD-NS binary.
XSS J12270−4859	*Bassa, C.G. et al.* (13 authors) 2014, MNRAS 441, 1825. (1orx, 2bc, 5bcdegi) A state change to a radio millisecond pulsar.
	Bogdanov, S., Patruno, A. 2014, ApJ 789, 40. (1ox, 2x) New low state, loss of AD.
PG 1232−136	*Mereghetti, S.* (8 authors) 2014, MNRAS 441, 2684. (1x, 5bcegij, 8a) Constraints on the winds of hot subdwarf stars .
PSR B1259−63	(see CPD $-63^{\circ}2495$)
Swift J1357.2−0933	*Armas Padilla, M. et al.* (6 authors) 2014, MNRAS 439, 3908. (1x*, 2dx) Study of spectral and timing behaviour of BH transient system during 2011 outburst.
SDSS J150551.58+065948.7	*Carter, P.J. et al.* (9 authors) 2014, MNRAS 439, 2848. (1ao*, 2ao*, 2d) Discovery of new AM CVn-type binary from SDSS survey.

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MAXI J1543−564	*Rapisarda, S., Ingram, A., van der Klis, M.* 2014, MNRAS 440, 2882. (1x, 5bcegi, 8a) Evolution of the hot flow during outburst.
4U 1543−624	*Madej, O.K. et al.* (7 authors) 2014, MNRAS 442, 1157. (2x, 5dgi) X-ray reflection in oxygen-rich ADs.
PG 1544+488	*Sener, H.T., Jeffery, C.S.* 2014, MNRAS 440, 2676. (2abc, 5abdeg, 8a) Spectroscopic orbital elements.
4U 1608−522	(see QX Nor)
SDSS J162256.66+473051.1	*Schaffenroth, V. et al.* (8 authors) 2014, A&A 564, A98. (1ao, 2ado, 5cdeg) A sdB-brown dwarf EB.
4U 1626−67	(see KZ TrA)
4U 1630−472 (X Nor X-1)	*Hori, T. et al.* (10 authors) 2014, ApJ 790, 20. (1x, 2x) Observations in a very high state. *King., A.L. et al.* (17 authors) 2014, ApJ 784, L2. (2x) Detection of a disk wind. *Neilsen, J. et al.* (8 authors) 2014, ApJ 784, L5. (2cx) Possible link between x-ray emission lines and radio jets. *Seifina, L.T.,Titarchuk, L., Shaposhnikov, N.* 2014, ApJ 789, 57. (1x, 2x) BH mass determination.
4U 1636−536	(see V801 Ara)
CXOU J164710.2−455216 (Westerlund 1-5)	*Clark, J.S. et al.* (5 authors) 2014, A&A 565, A90. (2di, 5eg) A VLT/ FLAMES survey for massive binaries in Westerlund 1. IV. Binary product and a pre-supernova companion for the magnetar?
4U 1700+24	(see V934 Her)
XTE J1701−462	*Li, Z. et al.* (6 authors) 2014, ApJ 786, 119. (2x) Independence of accretion rate from horizontal branch oscillation. *Wang, Y.N. et al.* (8 authors) 2014, MNRAS 440, 3726. (1x*, 5cgi) Study of the cross-correlation function between its soft and hard LCs.
4U 1705−44	*Ji, L. et al.* (7 authors) 2014, A&A 564, A20. (2dx, 5i) Possible hard x-ray shortages in bursts from the LMXB.
IGR J17200−3116	*Esposito, P. et al.* (6 authors) 2014, MNRAS 441, 1126. (1x, 5cgi) Analysis of x-ray emission.
KS 1731−260	*Ji, L. et al.* (7 authors) 2014, A&A 564, A20. (2dx, 5i) Possible hard x-ray shortages in bursts from the LMXB.
H1743−322	*Shidatsu, M. et al.* (9 authors) 2014, ApJ 789, 100. (1x, 2x) BH in low/hard state.
XMMU J174445.5−295044	*Bahramian, A. et al.* (6 authors) 2014, MNRAS 441, 640. (1x, 2bc, 5cdegi) A new symbiotic x-ray binary.
XMM J174457−2850.3	*Degenaar, N. et al.* (9 authors) 2014, ApJ 792, 109. (1x, 2x) Peculiar galactic centre ms pulsar as a NS LMXB in an accretion outburst.
SWIFT J174510.8−262411	*Grebenev, S.A., Prosvetov, A.V., Burenin, R.A.* 2014, AstL 40, 171. (1ao, 1x, 5ij, 8a) Broadband spectrum of the x-ray nova at the decaying phase of its outburst.
CXOGC J174540.0−290005	*Koch, E.W. et al.* (15 authors) 2014, MNRAS 442, 372. (1x, 5cgi) Observations of the 2013 outburst.
IGR J17544−2619	*Drave, S.P. et al.* (7 authors) 2014, MNRAS 439, 2175. (1xx*, 2dx, 5bij) Quasi-spherical accretion on NS can explain outburst behaviour.

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SAX J1808.4−3658	(see V4580 Sgr)
4U 1822−37	(see V691 CrA)
2A 1822−371	(see V691 CrA)
MAXI J1836−194	*Russell, T.D. et al.* (8 authors) 2014, MNRAS 439, 1381. (1aou, 2ac, 5i) Low inclination AD around BH in LMXB; implications for component masses discussed.
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GRS 1915+105	(see V1487 Aql).
PTF1 J191905.19+481506.2	*Levitan, D. et al.* (14 authors) 2014, ApJ 785, 114. (1ao, 2a, 5e, 6b) Study of second known eclipsing Am CVn system.
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GALEX J194419.33+491257.0	*Kato, T., Osaki, Y.* 2014, PASJ 66, L5. (1ao, 5bcij) Unusually active SU UMa-type dwarf nova with a very short orbital period in the Kepler data.
4U 1954+319	*Enoto, T. et al.* (10 authors) 2014, ApJ 786, 127. (2x,5i) Accretion model.
GS 2023+338	(see V404 Cyg)
SAX J2103.5+4545	*Camero, A. et al.* (9 authors) 2014, A&A 568, 115. (8b) Recent activity of the Be/x-ray binary system.
IGR J21343+4738	*Reig, P., Zezas,A.* 2014, MNRAS 442, 472. (1x, 5bcgi) Discovery of x-ray pulsations.
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PSR J2222−0137	*Kaplan, D.L. et al.* (10 authors) 2014, ApJ 789, 119. (1or, 2o) BH in low/hard state.
SAX J2224.9+5421	*Degenaar. N., Wijnands, R., Miller, J.M.* 2014, ApJ 787, 67. (1oux, 2x) Transient source was quiescent during observation.
PSR B2303+46	*Sravan, N. et al.* (4 authors) 2014, ApJ 792, 138. (8) GR periastron precession in eccentric WD-NS binary.

X-ray sources with constellation or galaxy names

Aql X-1	(see V1333 Aql)
Cen X-3	(see V779 Cen)
Cen X-4	(see V822 Cen)
Cir X-1	(see BR Cir)
Cyg X-1	(see V1357 Cyg)
Her X-1	(see HZ Her)

IC10 X-1	*Barnard, R. et al.* (6 authors) 2014, ApJ 792, 131. (1x, 2x) Evidence of an extended corona on a BH+WR binary.
X Nor X-1	(see 4U 1630−47)
Sco X-1	(see V818 Sco)
Vel X-1	(see GP Vel)

Objects with other designations

AS 205	(see V866 Sco)
CAL 87	(see 1RXS J054648.3−710924)
CoRoT105906206	*da Silva, R. et al.* (5 authors) 2014, A&A 565, A55. (1ao, 2ao, 5cde) A short-period and totally eclipsing EB with a δ Scuti type pulsator.
EROS 1018	(see 2MASS J05194962−6924579)
EROS 1041	(see OGLE J052224.82−693622.6)
EROS 1054	(see 2MASS J05164937−6932460)
GRB 130603B	*Takami, H., Nozawa, T., Ioka, K.* 2014, ApJ 789, L6. (8a) Dust formation in macronovae (brightening due to NS mergers).
GSC 3408-0735	*Terrell, D. Gross, J.* 2014, IBVS No. 6104. (1a, 5bd) W UMa System near the short-period limit.
GX 13+1	(see V5512 Sgr)
GX 301-2	(see BP Cru)
GX 339-4	(see V821 Ara)
KOI-3278	*Kruse, E., Agol, E.* 2014, Science 344, 275. (1ao, 5e) A self-lensing WD-G dwarf EB. *Zorotovic, M., Schreiber, M.R., Parsons, S.G.* 2014, A&A 568, 9. (8b) Evolution of self-lensing binary: evidence of extra energy sources during common-envelope evolution.
LS 5039	(see V479 Sct)
LS I +61°303	(see V615 Cas)
[M2002] LMC 169782	(see CXOU J053759.4−690901)
[M2002] LMC 171520	*Morrell, N.I. et al.* (5 authors) 2014, ApJ 789, 139. (1a, 2a, 5abcde) Massive O-type binary in LMC.
M37 V3	*Priya, D.S., Sriram, K., Rao, P.V.* 2014, RAA 14, 1166. (1ao, 5ce, 6d) Photometric study of an EB in the field of M37.
M83 MQ1	*Soria, R. et al.* (8 authors) 2014, Science 343, 1330. (1aor, 2dx, 4cr) Super-Eddington mechanical power of an accreting BH micro quasar.
MWC 656	(see HD 215227)
NGC 4088 X-1	*Mezcua, M. et al.* (5 authors) 2014, ApJ 785, 121. (1x, 2x, 5e) Identified as HMXB.
NSVS 4484038	(see 2MASS J05541700+4425338)
[P93] 921	(see CXOU J053842.0−690545)
RZ2109	*Steele, M.M. et al.* (6 authors) 2014, ApJ 785, 147. (2cx) Composition contraint on WD orbiting BH in this globular cluster in NGC 4472.
SN 2012Z	*McCully, C. et al.* (9 authors) 2014, Nature 512, 54. (1aiou) A luminous, blue progenitor system for the Type Iax SN.

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USNO-A2.0 1200-03937339	*Liakos, A., Cagaš, P.* 2014, Ap&SS 353, 559. (5b) First frequency analysis for new EB with a pulsating component.
Westerlund 1-5	(see CXOU J164710.2−455216)

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