International Astronomical Union
Commission 42

BIBLIOGRAPHY OF CLOSE BINARIES

No. 97

Material published by September 15, 2013

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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

Several entries of this issue use the abbreviation:

OAP — Odessa Astronomical Publications (issue of the Odessa Astronomical Observatory of the Odessa State University, Ukraine), Astroprint Publishing Company, Ukraine

Individual Stars

EP And	*Lee, J.W., Hinse, T.C., Park, J.-H.* 2013, AJ 145, 100. (1ao, 5abij) Two probable companions to W UMa system detected by light-time effect.
V479 And	*González-Buitrago, D. et al.* (8 authors) 2013, A&A 553, 28. (1aoi, 2bdox, 3ao, 5beg)
LL Aqr	*Southworth, J.* 2013, A&A 557, 119. (5c, 5e) Solar-type EB system.
DO Aql (Nova 1925)	*Schaefer, B.E.* 2013, Observatory 133, 227. (1co*) Not the star of Bethlehem.
OO Aql	*İçli, T. et al.* (4 authors) 2013, AJ 145, 127. (1ao, 2a*, 5abcde) Two distant companions detected by light-time effect.
V1333 Aql (Aql X-1)	*Asai, K. et al.* (9 authors) 2013, ApJ 773, 117. (1x, 2x) Propeller effect interpretation of LCs.
	Campana, S., Coti Zelati, F., D'Avanzo, P. 2013, MNRAS 432, 1695. (1x, 5cegi) Mining the long-term x-ray LC.
	Matsuoka, M., Asai, K. 2013, PASJ 65, 26. (1x, 5i) Simplified picture of LMXB based on data from Aquila X-1 and 4U 1608−52.
V1413 Aql	*Esipov, V.F. et al.* (4 authors) 2013, AstL 39, 458. (2cb, 5i) Spectral evolution during new activity cycle.
V1487 Aql (GRS 1915+105)	*Belloni, T.M., Altamirano, D.* 2013, MNRAS 432, 10. (1x*, 5bcgi) High-frequency QPOs.
	Belloni, T.M., Altamirano, D. 2013, MNRAS 432, 19. (1x, 5bcgi) Discovery of a 34 Hz QPO.
	Hurley, D.J. et al. (4 authors) 2013, MNRAS 430, 1832. (2ai*, 5bi) Determination of RV amplitude of galactic BH system with largest mass function is affected by CO emission from AD.
	Steeghs, D. et al. (6 authors) 2013, ApJ 768, 185. (2aci, 5ef) Lower mass for BH than previously thought.
	Yan, S-P. et al. (5 authors) 2013, MNRAS 434, 59. (1r*x*, 5cgi) A statistical study on the low-frequency QPOs.
V801 Ara (4U 1636−53)	*Sanna, A. et al.* (6 authors) 2013, MNRAS 432, 1134. (1x, 5bcgi, 8a) Broad emission line in the spectrum.
	Ji, L. et al. (9 authors) 2013, MNRAS 432, 2773. (1gx, 5bcg, 8a) X-ray bursts as a probe of the corona.
	de Avellar, M.G.B. et al. (4 authors) 2013, MNRAS 433, 3453. (1x, 5bcg) Time lags of the kilohertz QPOs.
V821 Ara (GX 339-4)	*Allured, R. et al.* (4 authors) 2013, ApJ 774, 135. (1x, 2x) Observations of hard state between outbursts.
ϵ Aur	*Griffin, R.E., Stencel, R.E.* 2013, PASP 125, 775. (2doi, 2do*, 5ghij) Properties of components, and discovery of mass-transfer stream.
	Sadakane, K. et al. (5 authors) 2013, PASJ 65, L1. (2c, 5g) Disk origin of narrow metallic absorption lines observed during the 2009-2011 eclipse.
RR Cae	*Ribeiro, T. et al.* (6 authors) 2013, A&A 556, 34. (5i) Accretion and activity on post-common-envelope binary.
Y Cam	*Khaliullin, Kh.F., Khaliullina, A.I.* 2013, ARep 57, 517. (1*, 5abcj) Long-term orbital period variations.
LU Cam	*Scaringi, S. et al.* (8 authors) 2013, MNRAS 431, 2535. (1ao, 5cgi, 8a) Discovery of Fourier-dependent time lags.

WY Cnc	*Chen, W.-C.* 2013, 65, L3. (8ad) On the origin of orbital period change: a genuine angular-momentum loss?
EU Cnc	*Williams, K.A.. et al.* (7 authors) 2013, AJ 145, 129. (2ado, 3bo) Estimate of mass of progenitor of WD in polar in M67.
Z CMa	*Siwak, M. et al.* (9 authors) 2013, MNRAS 432, 194. (1ao, 5bcg) Photometric variability by *MOST* satellite.
UZ CMi	*Qian, S.-B. et al.* (8 authors) 2013, AJ 145, 91. (1aoi, 5abcj) Steady period increase suggests mass-transfer in W UMa system.
η Car	*Teodoro, M. et al.* (5 authors) 2013, ApJ 773, L16. (2o) Detection of compression of primary's stellar wind.
B Cas (SN 1572)	*Liu, Z.W. et al.* (8 authors) 2013, A&A 554, 109. (8c) Surviving companion after type Ia SN explosions in the WD+MS scenario.
V615 Cas (LS I +61°303)	*Ackermann, M. et al.* (129 authors) 2013, ApJ 773, L35. (1g, 2g) γ-ray variability and the superorbital period.
	Massi, M., Jaron, F. 2013, A&A 554, 105. (4cr) Long-term periodicity as beat frequency between orbital and precessional rate.
	Stroh, M., Falcone, A.D. 2013, ApJS 207, 28. (1x, 2x) X-ray monitoring of γ-ray sources of interest.
DY Cen	*Rao, N.K. et al.* (4 authors) 2013, MNRAS 431, 159. (1ao*, 2aoc, 5ghj) Hot R CrB star is component of SB1 binary; rapid changes of stellar temperature and parameters of nebula around it detected.
V822 Cen (Cen X-4)	*Cackett, E.M. et al.* (6 authors) 2013, MNRAS 433, 1362. (1xu, 5cgi) An x-ray-UV correlation during quiescence.
V842 Cen (Nova 1986)	*Sion, E.M. et al.* (6 authors) 2013, ApJ 772, 116. (2ou) Multiwavelength observations of old nova.
IL Cep	*Ismailov, N.Z. et al.* (4 authors) 2013, AstBu 68, 196. (2ac, 5cg) Spectral variability due to companions?
V380 Cep (HD 200775)	*Benisty, M. et al.* (18 authors) 2013, A&A 555, 113. (2c) Enhanced Hα activity at periastron in massive young SB.
RS Cha	*Woollands, R.M. et al.* (5 authors) 2013, MNRAS 432, 327. (2ao, 5bdeg) Spectroscopic orbital analysis reveals a third component.
DX Cha (HD 104237)	*Garcia, P.J.V. et al.* (9 authors) 2013, MNRAS 430, 1839. (2ai, 4c, 5i) VLTI spectrointerferometry of pre-main-sequence Herbig Ae binary with circumbinary disk and jet.
BR Cir (Cir X-1)	*Armstrong, R.P. et al.* (13 authors) 2013, MNRAS 433, 1951. (1rx, 5bcgij) A return to strong radio flaring.
IT Com	*Oláh, K. et al.* (5 authors) 2013, Astr. Nachr. 334, 625. (1aoi*, 5bcek) Long-term optical and IR photometry of early K giant SB1 system used to find rotational period and possible period change and for fitting SED; evidence for magnetic star spot activity.
MR Com	*Qian, S.-B. et al.* (8 authors) 2013, AJ 146, 38. (1ao, 5abc) Contact binary with small mass ratio.
TY CrA	*Vaňko, M. et al.* (6 authors) 2013, MNRAS 431, 2230. (1aoi, 5abceg) Derivation of absolute dimensions and masses.
α CrB	*Nouh, M.I. et al.* (4 authors) 2013, JApA 34, 193. (2a, 5dk) Spectroscopic analysis of EB.
T CrB	*Schaefer, B.E.* 2013, Observatory 133, 81. (1do*) No eruption in 1842, according to Herschel's original observation record.

AW CrB	*Broens, E.* 2013, MNRAS 430, 3070. (1ao, 5abcg) Orbital period and period increase of over-contact W UMa system with extreme mass ratio $q = 0.1$ determined; asymmetric LC explained by spot modelling.
SV Crt (HD 98088)	*Folsom, C.P. et al.* (6 authors) 2013, MNRAS 431, 1513. (2ao*, 3b, 5dh) Spectropolarimetric analysis of chemically peculiar Ap + Am SB2 system.
EP Cru	*Albrecht, S. et al.* (5 authors) 2013, ApJ 767, 32. (2ao,5ef) Study of tidal alignment.
SS Cyg	*Miller-Jones, J.C.A. et al.* (6 authors) 2013, Science 340, 950. (4cr) Accurate geometric distance to the dwarf nova vindicates AD theory.
	Nelan, E.P., Bond, H.E. 2013, ApJ 773, L26. (4a) HST-redetermined trig. parallax.
V401 Cyg	*Zhu, L.-Y. et al.* (7 authors) 2013, AJ 146, 28. (1ao, 5ab) Light-time orbit for tertiary.
V1341 Cyg (Cyg X-2)	*Cabot, S.H.C., Wang, Q.D., Yao, Y.* 2013, MNRAS 431, 511. (1x, 2uxc) Variable O VII Kα, O VI Kα and N V emission lines provide constraints on NS accretion and x-ray heating of companion.
V1357 Cyg (Cyg X-1)	*Del Santo, M. et al.* (5 authors) 2013, MNRAS 430, 209. (1x, 2dx, 5i) Study of accretion flow parameters and coronal magnetic field.
	Don, A., Gai, N., Zhang, F. 2013, ChA&A 37, 139. (1x*, 5i) Study of periodicity of hardness ratio of the x-ray binary as a BH candidate.
	Grinberg, V. et al. (17 authors) 2013, A&A 554, 88. (2dx) Long term variability in HMXB: state definitions with all-sky monitors.
	Sabatini, S. et al. (22 authors) 2013, ApJ 766, 83. (1x,2g) Multi-year observations in hard and soft states.
	Skipper, C.J., Mc Hardy, I.M., Maccarone, T.J. 2013, MNRAS 434, 574. (1x, 5cgi, 8a) On the origin of the hard- and soft-state emission components.
	Yamada, S. et al. (6 authors) 2013, PASJ 65, 80. (2dx, 5ij) Evidence for a cool disk and inhomogeneous corona from wide-band temporal spectroscopy with Suzaku.
	Yamada, S. et al. (6 authors) 2013, ApJ 767, L34. (2dx) Rapid spectral changes in low/hard state.
	Yamada, S. et al. (10 authors) 2013, ApJ 767, L35. (2cx) Highly ionized Fe absorption line.
V1500 Cyg (Nova 1975)	*Harrison, T.E., Campbell, R.D., Lyte, J.E.* 2013, AJ 146, 37. (1i, 2di, 5g) Cyclotron emission contributes part of IR light, due to magnetic WD.
V1504 Cyg	*Osaki, Y., Kato, T.* 2013, PASJ 65, 50. (1ao*, 5i, 8d) Cause of the superoutburst in SU UMa stars revealed by Kepler LC.
V1521 Cyg (Cyg X-3)	*Bayerwald, P., Guetta, D.* 2013, ApJ 773, 159. (1x*g*, 8ad) Estimation of neutrino flux using AGILE data.
	Kim, J.S. et al. (6 authors) 2013, ApJ 772, 41. (1r) VLBI observation during transition from soft to hard x-ray state.
V2468 Cyg (Nova 2008)	*Tarasova, T.N.* ARep 57, 95. (2cd, 5cehj) Spectral variations of nova during development of outburst.
μ Eri	*Jerzykiewicz, M. et al.* (18 authors) 2013, MNRAS 432, 1032. (1ao, 2abc, 5bcdeg) An orbit, the slowly pulsating B-star (SPB) component's fundamental parameters and the SPB frequencies.
FG Gem	*Zhang, J., Qian, S.B.* 2013, AJ 145, 156. (1a, 5abc) Need RVs to constrain solution.

PZ Gem (HD 45314)	*Rauw, G. et al.* (5 authors) 2013, A&A 555, 9. (1ao, 2a) New γ-Cas analogue among Oe stars.
AM Her	*Dai, Z., Quan, S., Linha, L.* 2013, ApJ 774, 153. (1ad, 5ab) Sinusoidal period variation discovered and transient events over 34 years.
DI Her	*Philippov, A., Rafikov, R.R.* 2013, ApJ 768, 112. (5f) Analysis of spin-orbit misalignment.
V1135 Her	*Sipahi, E. et al.* (5 authors) 2013, RMxAA 49, 239. (1ao, 2ado, 5cde) Eclipsing SB2 including anomalous Cepheid.
EQ Lyn	*Mukadam, A.S. et al.* (22 authors) 2013, AJ 146, 54. (1ao, 2ao, 2du, 5g) Alternating intervals of pulsation and superhumps since 2006 outburst.
EZ Lyn	*Szkody, P. et al.* (6 authors) 2013, AJ 145, 121. (1au, 2du, 5g) HST spectrum matches 13,000K WD, periodicities detected in LC.
β Lyr	*Mennickent, R.E., Djurašević, G.* 2013, MNRAS 432, 799. (1ao, 5cegij, 8ac) Physical parameters and evolutionary status.
	Nazarenko, V.V., Glazunova, L.V. 2013, ARep 57, 294. (5ij, 8d) Three-dimensional hydrodynamical modelling of the two-component wind and AD.
MV Lyr	*Scaringi, S. et al.* (8 authors) 2013, MNRAS 431, 2535. (1ao, 5cgi, 8a) Discovery of Fourier-dependent time lags.
BO Mon	*Reed, P.A., Yuhas, B.J.* 2013, AJ 145, 119. (2ao, 5abcj) Possible mass transfer and magnetic activity in Algol system.
KQ Mon	*Wolfe, A., Sion, E.M., Bond, H.E.* 2013, AJ 145, 168. (2dou, 5ghi) Likely member of SW Sex class.
V578 Mon	*Garcia, E.V., Stassun, K.G., Torres, G.* 2013, ApJ 769, 114. (5ce) Redetermination of the radii.
V753 Mon	*Qian, S.-B. et al.* (8 authors) 2013, ApJS 207, 22. (1a, 5abc) LC solution and quadratic-sinusoidal period study may reveal third body.
V777 Mon (HD 44179)	*Thomas, J.D. et al.* (7 authors) 2013, MNRAS 430, 1230. (2ao) Hα line profile analysis confirms bipolar jet in SB1 binary with post-AGB primary.
V959 Mon (Nova 2012)	*Ribeiro, V.A.R.M., Munari, U., Valisa, P.* 2013, ApJ 768, 49. (2cx) Optical morphology, inclination, and expansion velocity of shell.
	Shore, S.N. et al. (7 authors) 2013, A&A 553, 123. (2cdo, 5g) The spectroscopic evolution of the γ-ray emitting classical nova: I. Implications for the ONe subclass of classical novae.
η Mus	*Budding, E., Butland, R., Blanckford, M.* 2013, PASA 30, 37. (1ao, 2a, 5cde) Multiple star.
QX Nor (4U 1608−522)	*Asai, K. et al.* (9 authors) 2013, ApJ 773, 117. (1x, 2x) Propeller effect interpretation of LCs.
	de Avellar, M.G.B. et al. (4 authors) 2013, MNRAS 433, 3453. (1x, 5bcg) Time lags of the kilohertz QPOs.
	Matsuoka, M., Asai, K. 2013, PASJ 65, 26. (1x, 5i) Simplified picture of LMXB based on data from Aql X-1 and 4U 1608−52.
V2134 Oph (MXB 1659−29)	*Cackett, E.M. et al.* (8 authors) 2013, ApJ 774, 131. (1x, 2x) A change in the quiescent spectrum.
V2253 Oph	*Oláh, K. et al.* (5 authors) 2013, Astr. Nachr. 334, 625. (1aoi*, 5bcek) Long-term optical and IR photometry of early K giant SB1 system used to find rotational period and possible period change and for fitting SED; evidence for magnetic star spot activity.

V2523 Oph (Hen 3-1341)	*Stute, M. et al.* (4 authors) 2013, A&A 554, 56. (2dx, 5i) Detection of x-rays from the jet-driving symbiotic star.
	Tomov, N., Tomova, M. 2013, IBVS No. 6055. (2d, 5i) Bipolar ejection from the symbiotic binary.
ζ Ori A	*Hummel, C.A. et al.* (6 authors) 2013, A&A 554, 52. (2ao, 2du, 4co, 5d) Dynamical mass of the O-type supergiant.
FU Ori	*Siwak, M. et al.* (9 authors) 2013, MNRAS 432, 194. (1ao, 5bcg) Photometric variability by *MOST* satellite.
V1852 Ori (RX J0513.1+0851)	*Ruíz-Rodríguez, D. et al.* (5 authors) 2013, AJ 145, 162. (2aoi, 5d) Secondary detected in IR spectrum of pre-MS binary.
V2751 Ori (RX J0539.9+0956)	*Ruíz-Rodríguez, D. et al.* (5 authors) 2013, AJ 145, 162. (2aoi, 5d) Secondary detected in IR spectrum of pre-MS binary.
LS Peg	*Semena, A.N. et al.* (7 authors) 2013, AstL 39, 227. (1ao*, 5i) Constraints on accretion column parameters from the power spectrum of optical LC of IP.
X Per	*Mathew, B. et al.* (4 authors) 2013, AJ 145, 158. (1ai, 2ai, 5gi) Be-x-ray binary observed in bright IR phase.
AX Per	*Kondratyeva, L., Rspaev, F.* 2013, IBVS No. 6056. (1a) New outburst in 2012.
LX Per	*Kang, Y.-W. et al.* (5 authors) 2013, AJ 145, 167. (2doi, 1bo*, 5cdghj) Chemical composition shows evidence for accretion.
V505 Per	*Baugh, P. et al.* (4 authors) 2013, PASP 125, 753. (2do, 5gh) Suggest rotational origin of Li dip.
ϕ Phe	*Pourbaix, D. et al.* (4 authors) 2013, A&A 556, 45. (6b) Multiplicity revisited.
DZ Psc	*Yang, Y.G. et al.* (5 authors) 2013, AJ 146, 35. (1ao, 5abc) Low mass-ratio contact binary with possible third body.
T Pyx	*Sokoloski, J.L. et al.* (4 authors) 2013, ApJ 770, L33. (2ioux) Observations of light echo determine nature of recurrent nova.
	Toraskar, J. et al. (4 authors) 2013, ApJ 768, 48. (8b) Modelling of the nova shell.
V1980 Sgr	*Ratajczak, M. et al.* (4 authors) 2013, MNRAS 433, 2357. (1ao*, 2a, 5abcdeg) Orbital and physical parameters.
V4580 Sgr (SAX J1808.4−3658)	*in't Zand, J.J.M. et al.* (9 authors) 2013, A&A 553, 83. (2dx, 5i) Bright thermonuclear x-ray burst in the accretion-powered ms PSR in the LMXB.
δ Sco	*Jones, C.E. et al.* (7 authors) 2013, AJ 145, 142. (1ao, 5gi) Long-term study of inner region of disk of Be binary.
U Sco	*Takei, D. et al.* (7 authors) 2013, ApJ 769, L4. (2dx) Detection of x-ray eclipse.
AK Sco	*Gomez de Castro, A.I. et al.* (5 authors) 2013, ApJ 766, 62. (1ax, 2du) Evidence of tide-driven filling of the inner gap in the disk.
V728 Sco (Nova 1862)	*Tappert, C. et al.* (4 authors) 2013, MNRAS 431, 92. (1ao, 2aod, 5abcdi) Old classical nova recovered 150 years after outburst; photometric and spectroscopic observations and Doppler tomography suggest a high inclination eclipsing system with low mass-transfer rate.
V1280 Sco	*Naito, H. et al.* (4 authors) 2013, PASJ 65, 37. (2c, 5j) Discovery of metastable He absorption lines.

MM Ser (Ser X-1)	*Comelisse, R. et al.* (4 authors) 2013, MNRAS 432, 1361. (2c, 5bcegi, 8a) A 2h periodic variation due to orbital motion.
V725 Tau (A0535+26)	*Maitra, C., Paul, B.* 2013, ApJ 771, 96. (1a, 2x) Suzaku observations of pulse-phase resolved spectra; analysis of cyclotron absorption features.
	Moritani, Y. et al. (11 authors) 2013, PASJ 65, 83. (2da, 5dgij) Precessing warped Be disk triggering the giant outbursts in 2009 and 2011.
	Müller, D. et al. (4 authors) 2013, A&A 552, A81. (2dx, 5i) The April 2010 outburst: probing the accretion regime at work.
	Rothschild, R. et al. (10 authors) 2013, ApJ 770, 19. (2dx) Observations in quiescence.
V1098 Tau (LkCa3)	*Torres, G. et al.* (8 authors) 2013, ApJ 773, 40. (1a, 2a, 5d) Discovery of pre-MS quadruple system.
V1147 Tau	*Patel, M.K. et al.* (5 authors) 2013, MNRAS 430, 2154. (1aox*, 2ao, 3b, 5bcg) Long-term photometric, spectroscopic, polarimetric and x-ray observations of active K5 V binary with spots and flares.
SU UMa	*Imada, A. et al.* (8 authors) 2013, PASJ 65, 87. (1ao, 5i) OAO/MITSuME photometry of dwarf novae. I. SU UMa.
ER UMa	*Zemko, P., Kato, T., Shugarov, S.Y.* 2013, 65, 53. (1ao*, 5i) Detection of change in supercycles.
IO UMa	*Soydugan, F. et al.* (4 authors) 2013, MNRAS 432, 3278. (1ao, 2a, 5abcdeg) Photometric and spectroscopic study.
δ Vel	*Kervella, P. et al.* (5 authors) 2013, A&A 552, A18. (4bc) Differential astrometry with VLT/NACO at the 100 microarcsecond level.
DQ Vel	*Barría, D. et al.* (8 authors) 2013, A&A 552, A63. (1oi, 2ac, 5bdk) Fundamental stellar and AD parameters of the EB.
DX Vel	*Volkov, I.M. et al.* (10 authors) 2013, IBVS No. 6066. (1a, 2b, 5a) Period changes in EB.
GP Vel (Vel X-1)	*Doroshenko, V. et al.* (8 authors) 2013, A&A 554, 37. (2dx, 5gij) Footprints in the wind traced with MAXI.
	Odaka, H. et al. (6 authors) 2013, ApJ 767, 70. (2dx) Short-term x-ray variability.
α Vir	*Palate, M. et al.* (5 authors) 2013, A&A 556, 49. (2c) Spectral modelling.
IS Vir	*Oláh, K. et al.* (5 authors) 2013, Astr. Nachr. 334, 625. (1aoi*, 5bcek) Long-term optical and IR photometry of early K giant SB1 system used to find rotational period and possible period change and for fitting SED; evidence for magnetic star spot activity.
22 Vul	*Burnashev, V.I., Burnasheva B.A.* 2013, BCrAO 109, 1. (1b*, 2bd, 5c) Absolute spectrophotometry during the eclipse of 1990.

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

HD 22128	*Folsom, C.P., Wade, G.A., Johnson, N.M.* 2013, MNRAS 433, 3336. (3b, 5cgh) Does it contain Ap or Am stars?
HD 36402 (BAT 99-38)	*Williams, P.M. et al.* (4 authors) 2013, MNRAS 431, 1160. (1ai, 2d, 5j) Variable dust emission of (WC4 + O) + O8 I triple WR system with colliding winds detected.
HD 37737	*Alexeeva, S.A. et al.* (5 authors) 2013, AstBu 68, 169. (2ad, 5dg) Orbit and physical properties of binary O-type star.

HD 44179	(see V777 Mon)
HD 45314	(see PZ Gem)
HD 49798 (RX J0648.0−4418)	*Mereghetti, S. et al.* (7 authors) 2013, A&A 553, 46. (2dx, 5kj) X-ray emission from the LMXB luminous O-type subdwarf and compact companion.
HD 52721	*Pogodin, M.A. et al.* (7 authors) 2013, BCrAO 109, 23 (1, 2ac, 5cgi, 6b) Photometric and spectroscopic investigation of B2e Herbig star shows it to be EB.
HD 56495	*Folsom, C.P., Wade, G.A., Johnson, N.M.* 2013, MNRAS 433, 3336. (3b, 5cgh) Does it contain Ap or Am stars?.
HD 75767	*Griffin, R.F., Fuhrmann, K.* 2013, MNRAS 430, 1390. Comments on partly contradictory results for a nearby solar-type star with unseen companion.
HD 98088	(see SV Crt)
HD 104237	(see DX Cha)
HD 114174	*Crepp, J.R. et al.* (4 authors) 2013, ApJ 774, 1. (1i, 2a, 4a) Discovery of WD companion with Doppler spectroscopy.
HD 150136	*Sana, H. et al.* (6 authors) 2013, A&A 553, 131. (2d0, 4c, 5e) Three-dimensional orbits of the triple-O stellar system. *Sanchez-Bermudez, J. et al.* (7 authors) 2013, A&A 554, L4. (4ci) Direct detection of the tertiary component with VLTI.
HD 165052	*Ferrero, G. et al.* (4 authors) 2013, MNRAS 433, 1300. (2abc, 5defg) Apsidal motion and absolute masses.
HD 179506 (KIC 6352430)	*Pápics, P.I. et al.* (18 authors) 2013, A&A 553, 127. (1ao, 2ado, 5cd, 6b) New SB2 binary with a main sequence B-type pulsator.
HD 200775	(see V380 Cep)
HD 208253	*Griffin, R.E.M., Griffin, R.F.* 2013, Astr. Nachr. 334, 661. (2aco, 5dehk) Spectroscopic analysis of SB2 system (G7 III + early A dwarf); dwarf companion has enhanced Sr and Ba, but is no classical Am star.
HDE 319702	*Barr Dominguez, A. et al.* (8 authors) 2013, A&A 557, 13. (1a, 5c) LC and system parameters for high-mass EB.
HDE 319718 (Pismis 24-1)	*Barr Dominguez, A. et al.* (8 authors) 2013, A&A 557, 13. (1a, 5c) LC and system parameters for high-mass EB.
BD+53°2790 (4U 2206+54)	*Ikhsanov, N.R., Beskrovnaya, N.G.* 2013, ARep 57, 287. (x, 8d) Spin-down mechanism of x-ray pulsar. *Wang, W.* 2013, MNRAS 432, 954. (1x, 5bcg, 8a) Spin and spectral variations.
BD +48°2155 (HIP 67526)	*Jiang, P. et al.* (53 authors) 2013, AJ 146, 65. (2ado, 5de) Companion appears to be brown dwarf.
BD +48°2812 (KIC 1128562)	*Debosscher, J. et al.* (11 authors) 2013, A&A 556, 56. (1b) SB2 with a γ Dor pulsator, discovered from Kepler space photometry.
CD −30°11223	*Geier, S. et al.* (20 authors) 2013, A&A 554, 54. (1ao, 2ao, 5cdegk) Progenitor binary and ejected mass donor remnant of faint type Ia SN.
CPD −51°8946	*Barr Dominguez, A. et al.* (8 authors) 2013, A&A 557, 13. (1a, 5c) LC and system parameters for high-mass EB.
HIP 67526	(see BD +48°2155)

X-ray sources with constellation or galaxy names

Aql X-1	(see V1333 Aql)
Cen X-4	(see V822 Cen)
Cir X-1	(see BR Cir)
Cyg X-1	(see V1357 Cyg)
Cyg X-2	(see V1341 Cyg)
Cyg X-3	(see V1521 Cyg)
Holmberg IX X-1	(see RX J0957.9+6903)
IC 10 X-1	*Pasham, D.R., Strohmayer, T.E., Mushotzky, R.F.* 2013, ApJ 771, L44. (1x) 7 mHz QPO's from the most massive stellar-mass BH.
IC 342 X-1	*Yoshida, T. et al.* (6 authors) 2013, PASJ 65, 48. (2dx, 5i) Two power-law states of the ultraluminous x-ray source.
LMC X-3	(see 1RXS J053855.6−640457)
M81 X-6	*Dewangan, G.C. et al.* (4 authors) 2013, ApJ 771, L37. (1x, 2x) X-ray spectral cutoff and lack of hard x-ray emission from ULXRB.
M82 X-1	(see CXOU J095550.2+694047)
Ser X-1	(see MM Ser)
SMC X-1	(see 2MASS J01170514−7326360)
Vel X-1	(see GP Vel)

Objects with names including RA and DEC

PSR J0007+7303	*Mignani, R.P. et al.* (8 authors) 2013, MNRAS 430, 1354. (1ao) Deep optical observations compatible with γ-ray pulsar in CTA 1 SN remnant.
XMMU J004243.6+412519	*Barnard, R., Garcia, M., Murray, S.S.* 2013, ApJ 772, 126. (2oux) Identification of second ULX source in M31 and evidence for an extended corona.
CXOM31 J004253.1+411422	*Straub, O., Done, C., Middleton, M.* 2013, A&A 553, 61. (2dx, 5i) Advection effects at luminosities close to Eddington in the ULXB.
CXOU J005047.9−731817	*Esposito, P. et al.* (7 authors) 2013, MNRAS 433, 3464. (1x, 2bc, 5bcdg) A 292-s x-ray binary pulsar in SMC.
RX J0051.3−7216 (SXP 91.1)	*Townsend, L.J. et al.* (7 authors) 2013, MNRAS 433, 23. (1x, 5ceg, 8a) Insights into differing NS accretion modes.
RX J0101.8−7223 (SXP 175)	*Townsend, L.J. et al.* (7 authors) 2013, MNRAS 433, 23. (1x, 5ceg, 8a) Insights into differing NS accretion modes.
2XMM J010247.4−720449	*Wada, Q. et al.* (4 authors) 2013, PASJ 65, L2. (2dx) Detection by Suzaku of 522s pulsation from transient x-ray source in SMC.
ASAS J010538−8003.7	*Ratajczak, M. et al.* (4 authors) 2013, MNRAS 433, 2357. (1ao*, 2a, 5abcdeg) Orbital and physical parameters.
2MASS J01170514−7326360 (SMC X-1)	*Coe, M.J. et al.* (4 authors) 2013, MNRAS 433, 746. (1ao, 5bcgi) A detailed study of the modulation of the optical light from the system. *Hu, C.-P. et al.* (4 authors) 2013, ApJ 773, 58. (1x, 2x) Superorbital-phase-resolved analysis.
OT J012059.6+325545	*Nakagawa, S. et al.* (8 authors) 2013, PASJ 65, 70. (1ao, 5i) Multicolour photometry of an outburst of new WZ Sge-type dwarf nova.

4U 0142+61	*Rueda, J.A. et al.* (6 authors) 2013, ApJ 772, L24. (2i*o*r*) Is a WD merger the progenitor?
IGR J015712−7259	*Segreto, A. et al.* (6 authors) 2013, A&A 557, 113. (2x) Swift discovery of the orbital period of HMXB in SMC.
PSR J0348+0432	*Antoniadis, J. et al.* (22 authors) 2013, Science 340, 448. (2ado, 4cr, 5dek) A massive pulsar in a compact relativistic binary.
PSR J0437−4715	*Yang, S. et al.* (5 authors) 2013, ChA&A 37, 195. (1rx) Research on multiband observations of x-ray millisecond pulsar.
RX J0440.9+4431	*Ferrigno, C. et al.* (6 authors) 2013, A&A 553, 103. (2dx, 5i) A Be/x-ray HMXB in persistent outburst.
RX J0513.1+0851	(see V1852 Ori)
1A 0535+26	(see V725 Tau)
1RXS J053855.6−640457 (LMC X-3)	*Cambier, H.J., Smith, D.M.* 2013, ApJ 767, 46. (8d) Application of non-equilibrium viscous-timescale theory.
RX J0539.9+0956	(see V2751 Ori)
MAXI J0556−332	*Sugizaki, M. et al.* (34 authors) 2013, PASJ 65, 58. (1x*, 5i) Spectral evolution of new x-ray transient observed by MAXI, Swift, and RXTE.
RX J0648.0−4418	(see HD 49798)
2MASS J07191664−1616444 (TYC 5965-2398-1)	*Mkrtichian, D.E. et al.* (4 authors) 2013, IBVS No. 6072 (1a, 2b, 6b) A new W UMa-type variable star near R CMa.
PSR J0737−3039A	*Guillemot, L. et al.* (10 authors) 2013, ApJ 768, 169. (2dg) Discovery of γ-ray pulsations.
2MASSW J0746425+200032	*Harding, L.K. et al.* (7 authors) 2013, A&A 554, 113. (1ai, 5bck) Spin-orbit alignment in the very low mass, tight L-dwarf binary.
VSX J075328.9+722424	*Pribulla, T. et al.* (9 authors) 2013, IBVS No. 6067 (1a, 5abc, 6b) A new sdB+M dwarf variable.
SDSS J095335.43+403319.0 (GSC 02996-00858)	*Ayiomamitis, A.* 2013, IBVS No. 6057 (1ab, 6bd) A new Algol-type EB in Leo.
CXOU J095550.2+694047 (M82 X-1)	*Pasham, D.R., Strohmayer, T.E.* 2013, ApJ 771, 101. (1x) Nature of mHz QPO's on ULXRB. *Pasham, D.R., Strohmayer, T.E.* 2013, ApJ 774, L16. (1x) 62-day x-ray period due to precessing AD?
RX J0957.9+6903 (Holmberg IX X-1)	*Dewangan, G.C. et al.* (4 authors) 2013, ApJ 771, L37. (1x, 2x) X-ray spectral cutoff and lack of hard x-ray emission from ULXRB. *Walton, D.J. et al.* (7 authors) 2013, ApJ 773, L9. (1x, 2x) X-ray outflows and super-Eddington accretion on a stellar BH binary origin of ultra-luminous x-rays.
GRO J1008−57	*Kuehnel, M. et al.* (16 authors) 2013, A&A 555, 95. (2g, 2x) An (almost) predictable transient x-ray binary.
ASAS J102322−3737.0	*Schaffenroth, V. et al.* (8 authors) 2013, A&A 553, 18. (1aoi, 2ao, 5bcde, 6b) A new bright hot subdwarf EB.
EC 10246−2707	*Barlow, B.N. et al.* (13 authors) 2013, MNRAS 430, 22. (1ao, 2ao, 5abcdeh, 6b) New HW Vir-type sdB + dM EB discovered; accurate orbital and absolute stellar parameters derived.
2MASS J11001148+3943242 (TYC 3010-1494-1)	*Mack, C.E. et al.* (45 authors) 2013, AJ 145, 139. (2ado, 5dg) System of two similar stars, not star with brown dwarf companion.

SBSS 1108+574 — *Carter, P.J. et al.* (15 authors) 2013, MNRAS 431, 372. (1ao, 2aocd, 5bij) Time-resolved photometry and spectroscopy during outburst of dwarf nova with short period of 55.3 min and extreme mass ratio $q = 0.09$.

Littlefield, C. et al. (9 authors) 2013, AJ 145, 145. (1ao, 2ado) CV with $P < P_{min}$.

CSS J1340520+151341 — *Thorstensen, J.R.* 2013, PASP 125, 506. (1ao, 2ao, 5d) CV with stripped, evolved secondary.

PSR J1439−5501 — *Pallanca, C. et al.* (7 authors) 2013, ApJ 773, 127. (1ao) Optical companion detected: intermediate mass WD.

PG 1449+653 — *Barlow, B.N. et al.* (4 authors) 2013, ApJ 771, 23. (2o) Determination of RV elements of sdB+dwarf binary.

SDSS J152419.33+220920.0 — *Michel, R., Echevarría, J., Hernández Santisteban, J.V.* 2013, A&A 554, 25. (1ao, 5b) Eclipsing CV.

PSR J1544+4937 — *Bhattacharyya, B. et al.* (20 authors) 2013, ApJ 773, L12. (1r, 2x) Discovery of eclipsing black-widow pulsar identified with a Fermi-Lat source.

1E 1547.0−5408 — *Iwahashi, T. et al.* (7 authors) 2013, PASJ 65, 52. (2dx, 5i) Suzaku follow-up observation of activated magnetar.

4U 1608−522 — (see QX Nor)

4U 1636−53 — (see V801 Ara)

IGR J16418−4532 — *Drave, S.P. et al.* (8 authors) 2013, MNRAS 433, 528. (1gx, 5cegi, 8a) Evidence of accretion regime transitions in a supergiant fast x-ray transient.

PSR J1648−4611 — *Sakai, M. et al.* (5 authors) 2013, PASJ 65, 64. (1x, 5j) Discovery of diffuse hard x-ray emission from the vicinity of pulsar with Suzaku.

MAXI J1659−152 — *Kuulkers, E. et al.* (15 authors) 2013, A&A 552, A32. (2dx) The shortest orbital-period BH transient in outburst.

Paragi, Z. et al. (12 authors) 2013, MNRAS 432, 1319. (1r, 5ceg, 8a) Presence of a compact jet in the system.

PG 1701+359 — *Barlow, B.N. et al.* (4 authors) 2013, ApJ 771, 23. (2o) Determination of RV elements of sdB+dwarf binary.

XTE J1701−407 — *Pawar, D.D. et al.* (8 authors) 2013, MNRAS 433, 2436. (1x, 5bcg) Discovery of twin kHz QPOs.

XTE J1701−462 — *Asai, K. et al.* (9 authors) 2013, ApJ 773, 117. (1x, 2x) Propeller effect interpretation of LC.

Li, Z-S. et al. (5 authors) 2013, ApJ 767, 167. (2dx) Cross-spectral time-lag evolution.

IGR J17062−6143 — *Degenaar, N. et al.* (5 authors) 2013, ApJ 767, L37. (2cdx) Emission and absorption features during a thermonuclear burst.

XTE J1709−267 — *Degenaar, N., Wijnands, R., Miller, J.M.* 2013, ApJ 767, L31. (2dx) Direct measure of heat release from crust of NS.

1RXS J171824.2−402934 — *Armas Padilla, M., Degenaar, N., Wijnands, R.* 2013, MNRAS 434, 1586. (1x, 5cegi, 8a) X-ray spectral properties.

4U 1735−44 — *Lei, Y.-U. et al.* (11 authors) 2013, AJ 146, 60. (1x*, 5i) Analysis of cross-correlations and time lags of hard and soft x-rays.

1RXH J173523.7−354013 — *Armas Padilla, M., Degenaar, N., Wijnands, R.* 2013, MNRAS 434, 1586. (1x, 5cegi, 8a) X-ray spectral properties.

PSR J1740−5340 — *Mucciarelli, A. et al.*(6 authors) 2013, ApJ 772, L27. (2iou) ESO VLT determines nature of PSR's interacting companion.

H 1743−322	*Zhou, J.N. et al.* (8 authors) 2013, MNRAS 431, 2285. (1x, 5cg, 8a) The last three outbursts observed by RXTE.
Swift J174510.8−262411	*Muñoz-Darias, T. et al.* (16 authors) 2013, MNRAS 432, 1133. (1ao, 2ac, 5bcdeg) Photometry and spectroscopy of the optical counterpart.
IGR J17480−2446	*Jiang, L., Xiang-Dong, L.* 2013, ApJ 772, 6. (8ac) Formation of this peculiar LMXB.
SAX J1750.8−2900	*Wijnands, R., Degenaar, N.* 2013, MNRAS 434, 1599. (1gx, 5cgi, 8a) A low-level accretion flare during the quiescent state.
XTE J1752−223	*Chun, Y.Y. et al.* (9 authors) 2013, ApJ 770, 10. (2doix) Multi-wavelength observations during 2010 outburst decay.
Swift J1753.5−0127	*Kalamkar, M. et al.* (5 authors) 2013, ApJ 766, 89. (2dx) Flucuations in the AD during outburst.
	Mostafa, R. et al. (7 authors) 2013, MNRAS 431, 2341. (1x, 5cghi, 8ab) The x-ray spectrum.
	Shaw, A.W. et al. (9 authors) 2013, MNRAS 433, 740. (1aogx, 5cgi, 8ab) A 420-day x-ray/optical modulation and extended x-ray dips.
AX J1754.2−2754	*Armas Padilla, M., Degenaar, N., Wijnands, R.* 2013, MNRAS 434, 1586. (1x, 5cegi, 8a) X-ray spectral properties.
IGR J17544−2619	*Nikolaeva, E.A. et al.* (6 authors) 2013, BCrAO 109, 27 (1a, 2ac, 5bde) Investigation of parameters of HMXB.
SAX J1808.4−3658	(see V4580 Sgr)
PSR J1811−1736	*Mignani, R.P. et al.* (4 authors) 2013, MNRAS 430, 1008. (1ai*) Possible companion of binary pulsar detected by UKIDSS deep IR data; possibly a double NS system.
IGR J18245−2452	*Pallanca, C. et al.* (5 Authors) 2013, ApJ 773, 122. (1ao) Optical companion detected.
ASAS J182510−2435.5	*Ratajczak, M. et al.* (4 authors) 2013, MNRAS 433, 2357. (1ao*, 2a, 5abcdeg) Orbital and physical parameters.
Swift J1834.9−0846	*Tong, H., Yuan, J.-P., Liu, Z.-Y.* 2013, RAA 13, 835. (1r) Non-detection of pulsed radio emission from magnetar: constraint on the fundamental plane of emission.
MAXI J1836−194	*Russell, D.M. et al.* (30 authors) 2013, ApJ 768, L35. (2diox) Evolution of the compact jet.
2MASS J18483809+4429098 (KIC 8410637)	*Frandsen, S. et al.* (14 authors) 2013, A&A 556, 138. (8a, 5e) EB with 408-day period, containing a pulsating giant star.
2MASS J19033272+3941003 (KIC 4544587)	*Hambleton, K.M. et al.* (10 authors) 2013, MNRAS 434, 925. (1ao, 2ao, 5bcdeg) A binary system with δ Sct pulsations and tidally excited modes.
4U 1907+09	*Maitra, C., Paul, B.* 2013, ApJ 771, 96. (1a, 2x) Suzaku observations of pulse-phase resolved spectra; analysis of cyclotron absorption features.
2MASS J19113242+4830436 (GSC 03546-01452)	*DeLee, N. et al.* (46 authors) 2013, AJ 145, 155. (2ao, 5d, 6c) MARVELS RV survey discovery - companion appears to be brown dwarf.
GRS 1915+105	(see V1487 Aql)
2MASS J19211161+4758430 (KIC 10661783)	*Lehmann, H. et al.* (4 authors) 2013, A&A 557, 79. (8a, 5e) Physical properties of eclipsing δ Sct star.
2MASS J19241081+4459348 (KIC 8751494)	*Kato, T., Maehara, H.* 2013, PASJ 65, 76. (1ao, 5i) Analysis of Kepler LC of the novalike CV.

2MASS J19265907+0029061 (CoRot 101186644)	*Tal-Or, L. et al.* (13 authors) 2013, A&A 553, 30. (1ao, 2ao, 5cde) A transiting low-mass dense M-dwarf on an eccentric 20.7-day period orbit around a late F-star.
2MASS J19413393+4013003 (WOCS 40007)	*Jeffries, M.W. et al.* (13 authors) 2013, AJ 146, 58. (1ao, 2ao, 5abcde) Detached eclipsing SB2 with third component, near turnoff point of cluster NGC 6819.
XTE J1946+274	*Maitra, C., Paul, B.* 2013, ApJ 771, 96. (1a, 2x) Suzaku observations of pulse-phase resolved spectra; analysis of cyclotron absorption features.
2MASS J20200045+0437564 (NSVS 14256825)	*Almeida, L.A., Jablonski, F., Rogrigues, C.V.* 2013, ApJ 766, 11. (1aio) Two possible planets orbiting system.
VSX J213806.5+261957 (GSC 2197-0886)	*Shimansky, V.V. et al.* (4 authors) 2013, BCrAO 109, 16 (1a, 2ac, 5cde) Analysis of observations of WZ-Sge-type dwarf nova.
4U 2206+54	(see BD +53°2790)

Objects with other designations

BAT 99-38	(see HD 36402)
CoRot 101186644	(see 2MASS J19265907+0029061)
CoRot 102918586	*Maceroni, C. et al.* (5 authors) 2013, A&A 552, A60. (1ao, 2ado, 5bcde) A γ Dor pulsator in a short-period eccentric EB.
GSC 1123-0250	*Doroshenko, V.T.* 2013, PZ 33, 5 (1a, 5c, 6b) Probable new W UMa-type EB in the field of Seyfert 1 galaxy Mrk 1513.
GSC 2197-0886	(see VSX J213806.5+261957)
GSC 2996-0858	(see SDSS J095335.43+403319.0)
GSC 3546-1452	(see 2MASS J19113242+4830436)
HBHA 4705-03	*Rutkowski, A. et al.* (4 authors) 2013, Acta Astronomica, 63, 225-238 (1a, 5c, 6d) A new eclipsing CV in Lac.
Hen 3-1341	(see V2523 Oph)
KELT ID KP101231	*Shanti Priya, D., Sriram, K., Vivekananda Rao, P.* 2013, RAA 13, 465. (1ao, 5ac, 6d) Photometric study of EB in Praesepe.
KIC 4544587	(see 2MASS J19033272+3941003)
KIC 4931738	*Pápics, P.I. et al.* (18 authors) 2013, A&A 553, 127. (1ao, 2ado, 5cd, 6b) New SB2 binary with a main sequence B-type pulsator.
KIC 6352430	(see HD 179506)
KIC 8410637	(see 2MASS J18483809+4429098)
KIC 8751494	(see 2MASS J19241081+4459348)
KIC 10661783	(see 2MASS J19211161+4758430)
KIC 11285625	(see BD +48°2812)
LkCa3	(see V1098 Tau)
LS I 61°303	(see V615 Cas)
LXP 169	*Maggi, P. et al.* (8 authors) 2013, A&A 554, 1. (1ao*, 2dxg, 6bc) New HMXB in the LMC: a 168.8s x-ray pulsar transiting in front of its Be companion.
Marvels-1	*Barnard, R., Garcia, M., Murray, S.S.* 2013, ApJ 770, 119. (1o, 2o) False identification of planet candidates due to face-on orbits of M-dwarfs + F9 dwarf.

M31 r1-25	*Patel, B. et al.* 2013, ApJ 771, 6. (1x*) Analysis of state-changing luminous supersoft x-ray source.
NSVS 14256825	(see 2MASS J20200045+0437564)
ω Cen NV358	Li, K., Qian, S.-B. 2013, RAA 13, 827. (1ao, 5abcde) EA-type binary in globular cluster.
ω Cen V211	Li, K., Qian, S.-B. 2013, RAA 13, 827. (1ao, 5abcde) EA-type binary in globular cluster.
Pismis 24-1	(see HDE 319718)
SN 1572	(see B Cas)
SXP 91.1	(see RX J0051.3−7216)
SXP 175	(see RX J0101.8−7223)
TYC 3010-1494-1	(see 2MASS J11001148+3943242)
TYC 5965-2398-1	(see 2MASS J07191664-1616444)
USNO-A2.0 1200-07369079	*Doroshenko, V.T.* 2013, PZ 33, 5 (1a, 5c, 6b) Probable new W UMa-type EB in the field of Seyfert 1 galaxy Mrk 478.
USNO-A2.0 1350-17086180	*Solovyov, V., Samokhvalov, A., Satovskiy, B.* 2013, PZ 33, 4 (1a, 5c, 6b) New EB with δ Sct component.
WOCS 40007	(see 2MASS J19413393+4013003)
WR 62a	*Collado, A., Gamen, R., Barbá, R. H.* 2013, A&A 552, A22. (2ao, 5d, 6b) A new WR binary system.
WTS 19g-4-02069	*Nefs, S.V. et al.* (9 authors) 2013, MNRAS 431, 3240. (1aoi, 2aoi, 5abcdeg) A highly unequal-mass eclipsing M-dwarf binary.
I Zw 18	*Kaaret, P., Feng, H.* 2013, ApJ 770, 20. (2dx) Observations of a luminous x-ray binary in a low-metallicity galaxy.

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