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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

EG And	*Kenyon, S.J., Garcia, M.R.* 2016, AJ 152, 1. (2ad, 5dgj) Symbiotic star, 483-day circular orbit, M giant with very hot companion that ionizes M-star wind.
	Shagatova, N., Skopal, A., Cariková, Z. 2016, A&A 588, A83. (2du*, 5j) Wind mass transfer in S-type symbiotic binaries. II. Indication of wind focusing.
XZ And	*Manzoori, D.* 2016, AstL 42, 329. (2a, 5cde) A semi-detached asynchronous binary system.
V455 And (HS 2331+3905)	*Mukadam, A.S. et al.* (13 authors) 2016, ApJ 821, 14. (1ao) Constraints on the angular momentum evolution.
EF Aql	*Margon, B. et al.* (4 authors) 2016, PASP 128, 024201. (1u, 2d) Possible symbiotic Mira.
XZ Aql	*Zola, S. et al.* (9 authors) 2016, AJ 152, 33. (1ao, 2a, 5abcde, 8cd) Early-type semi-detached system.
V1182 Aql	*Li, L.-S.* 2016, ARep 60, 853. (8d) Retardation of the angular velocity of a rotating star due to mass loss; applied to the EB.
V1333 Aql (Aql X-1)	*Walton, D.J. et al.* (20 authors) 2016, ApJ 826, 87. (1x, 2x) Soft state: a variable corona and a stable inner disk.
V1343 Aql (SS 433)	*Atapin, K.E, Fabrika, S.N.* 2016, AstL 42, 517. (1x, 5i) X-ray variability of the HMXB: evidence for supercritical accretion.
	Khabibullin, I., Sazonov, S. 2016, MNRAS 457, 3963. (1x*, 5i, 8) Reflection of collimated X-rays by galactic plane atomic gas and molecular clouds.
V1487 Aql (GRS 1915+105)	*Miller, J.M. et al.* (10 authors) 2016, ApJL 821, L9. (2cdx, 5i) Measurement of the magnetic field and wind.
	Mir, M.H. et al. (5 authors) 2016, MNRAS 457, 2999. (1x*, 8) Modelling of energy-dependent time lags of heartbeat oscillations gives hints on accretion geometry of the compact LMXB component.
	Mizumoto, M. et al. (4 authors) 2016, PASJ 68, S16 (2dx, 5g) Origin of the X-ray broad iron spectral feature.
	Peris, C.S. et al. (7 authors) 2016, ApJ 822, 60. (2dx) Analysis of X-ray spectra in steady states.
V1723 Aql	*Weston, J.H.S. et al.* (12 authors) 2016, MNRAS 457, 887. (1r, 5j) Shocks in classical nova envelope produced by fast flow/slow collimating torus collision, possibly responsible for hard X-rays, γ-rays and radio emission.
AE Aqr	*Hill, C.A. et al.* (5 authors) 2016, MNRAS 459, 1858. (1a, 5cgi, 8a) Long-term study of the secondary star using Roche tomography.
	Isakova, P.B. et al. (5 authors) 2016, ARep 60, 498. (8abd) Features of matter flows in the peculiar CV.
BQ Aqr	*Ratajczak, M. et al.* (11 authors) 2016, MNRAS 461, 2234. (1ao, 2a, 5cdeg) Orbital and physical parameters of the ASAS catalogue EB.
CY Aqr	*Fang, W.-J. et al.* (8 authors) 2016, RAA 16, 96. (1ao, 5abc) The high-amplitude δ Scuti variable is probably a triple system.
EZ Aqr	*Popova, E.A., Shevchenko, I.I.* 2016, AstL 42, 260. (8) On possible circumbinary configurations of the triple star planetary system.

FO Aqr	*Bonnardeau, M.* 2016, IBVS No. 6181. (1a, 5b) IP new ephemerides.
	Kennedy, M.R. et al. (8 authors) 2016, MNRAS 459, 3622. (1ao, 5abcgi) Photometric study.
RY Aqr	*Manzoori, D., Salar, A.* 2016, AJ 152, 26. (1o*, 2a*, 5abcde) EB with δ Sct primary and possible third body.
R Ara	*Bakiş, H. et al.* (4 authors) 2016, MNRAS 458, 508. (1ao*, 2a, 5cdijk) Detection of secondary lines and new spectroscopic orbit; rotational velocities ~ 5 times faster than synchronous; modelling of mass transfer and circumstellar matter.
V801 Ara (4U 1636−536)	*de Avellar, M.G.B. et al.* (5 authors) 2016, MNRAS 461, 79. (5cgi, 8a) LMXB QPO phase lags across source states.
V821 Ara (GX 339−04)	*Axelsson, M., Done, C.* 2016, MNRAS 458, 1778. (1x*, 2dx, 5i) Analysis of QPOs of the LMXB with an accreting BH component.
	Basak, R., Zdziarski, A.A. 2016, MNRAS 458, 2199. (1x*, 2dx, 5i) Spectral X-ray analysis suggests AD truncation and reflection.
	Clavel, M. et al. (4 authors) 2016, AN 337, 435. (1x*, 2dx) Spectral analysis of long-term 3-40 keV RXTE/PCA data; influence of Galactic background and reflection models tested.
	Kalamkar, M. et al. (8 authors) 2016, MNRAS 460, 3284. (1oix, 5bgij) Detection of the first IR QPO.
	Kubota, A., Done, C. 2016, MNRAS 458, 4238. (5gi, 8a) Tracking the energetics of the non-thermal disc-corona-jet in the LMXB.
	Parker, M.L. et al. (17 authors) 2016, ApJL 821, L6. (2dx, 5ei) BH spin, AD inclination, mass and distance estimates.
	Stevens, A.L., Uttley, P. 2016, MNRAS 460, 2796. (5gi, 8a) New spectral-timing technique for phase-resolved spectroscopy.
RW Ari	*Odell, A.P., Sreedhar, Y.H.* 2016, IBVS No. 6180. (1a, 2a, 5ab) An eclipsing RR Lyrae star?
AH Aur	*Yu, Y.-X., Xiang, F.-Y., Hu, K.* 2016, PASP 128, 044202. (5ab) Orbital-period investigation.
V808 Aur (CRTS CSS081231 J071126+440405)	*Borisov, N.V. et al.* 2016, AstBu 71, 101. (7 authors) (1a, 2a, 5de) Photometric and spectral studies of the eclipsing IP.
CR Boo	*Isogai, K. et al.* (34 authors) 2016, PASJ 68, 64. (1ao, 5bcij) Superoutbursts in the AM CVn-type object: mass ratio estimate from stage A superhumps.
HL CMa	*Semena, A.N. et al.* (5 authors) 2016, AstL 42, 379. (1a, 2, 5i) Peculiarities of the accretion flow.
BG CMi	*Bonnardeau, M.* 2016, IBVS No. 6168. (1a, 5b) Photometric monitoring of the IP.
BQ Cam (V 0332+53)	*Caballero-García, M. D. et al.* (10 authors) 2016, A&A 589, A9. (1aoi, 2dox, 5bi) Activity of the transient Be/XB during its intermediate-luminosity outburst in 2008.
	Doroshenko, V., Tsygankov, S., Santangelo, A. 2016, A&A 589, A72. (2dg, 5k) Orbital parameters from the 2015 giant outburst data.
MT Cam	*Terrell, D., Gross, J., Cooney, W.R.* 2016, IBVS No. 6166. (1a, 5b) Using APASS standards to transform CCD observations.

SV Cam	*Manzoori, D.* 2016, AN 337, 652. (1ao, 5abceg) Absolute parameters from new V LC solution; $O-C$ analysis suggests cyclic variations of 48.0 and 23.2 yr possibly caused by a third body and magnetic spot activity (Applegate mechanism).
γ Cas	*Pollmann, E.* 2016, IBVS No. 6169. (2ad) Monitoring the RVs determined from the He I 6678 Å line.
AX Cas	*Liu, L. et al.* (5 authors) 2016, PASJ 68, 31. (1ao, 5abce) A precontact EB with a possible third body.
	Yang, Y. et al. (4 authors) 2016, PASP 128, 044201. (1ao, 5abc) Photometric study of semi-detached binary with possible light-time effect.
DN Cas	*Bakiş, V. et al.* (4 authors) 2016, PASA 33, 46. (1ao, 2abco, 5abcdek) EB in the OB Association OB6.
RZ Cas	*Khaliullina, A.I.* 2016, ARep 60, 517. (5ab) Orbital period variations.
V615 Cas (LS I $+61^{\circ}303$)	*Saha, L., et al.* (5 authors) 2016, ApJ 823, 134. (2rxg) A microquasar with a relativistic jet.
V664 Cas	*Chiotellis, A. et al.* (5 authors) 2016, MNRAS 457, 9. (1aa*o, 5j, 8bc) 2D hydrodynamical simulations of cometary structure of planetary nebula HFG 1 based on the interaction of stellar wind mass loss of binary central star with circumbinary matter.
V1107 Cas	*Liu, L. et al.* (5 authors) 2016, PASJ 68, 31. (1ao, 5abce) A shallow-contact EB with a possible third body.
	Yang, Y. et al. (4 authors) 2016, PASP 128, 044201. (1ao, 5abc) Photometric study of contact binary with possible light-time effect.
V822 Cen (Cen X-4)	*Bernardini, F. et al.* (6 authors) 2016, ApJ 826, 149. (1x*, 2x*, 1o*) The optical–X-ray correlation from outburst to quiescence in the LMXB.
V850 Cen (GX 304−1)	*Jaisawal, G.K., Naik, S., Epili, P.* 2016, MNRAS 457, 2749. (1x, 2dx) Pulsations of Be/XB pulsar at ~ 275 s found during X-ray outbursts; pulse profiles are variable and strongly energy-dependent.
V1207 Cen	*Ratajczak, M. et al.* (11 authors) 2016, MNRAS 461, 2234. (1ao, 2a, 5cdeg) Orbital and physical parameters of the ASAS catalogue EB.
V1369 Cen (Nova Cen 2013)	*Cheung, C.C. et al.* (12 authors) 2016, ApJ 826, 142. (1o*, 2g) FERMI-LAT γ-ray detection.
EM Cep	*Kjurkchieva, D. et al.* (4 authors) 2016, AJ 152, 56. (2ad, 5i) Not a binary but a Be star with a circumstellar disk.
BW Cir (GS 1354−64)	*Koljonen, K.I.I. et al.* (8 authors) 2016, MNRAS 460, 942. (1aoux, 5cgij) The evolution of the 2015 outburst.
	Stiele, H., Kong, A.K. 2016, MNRAS 459, 4038. (1x, 5cg, 8a) The 2015 hard state-only outburst.
GP Com	*Kupfer, T. et al.* (6 authors) 2016, MNRAS 457, 1828. (2aco, 5dhjk) Strong double-peaked He emission lines typical for long-period AM CVn systems; evidence for an accreting WD; Doppler tomograms reveal strong bright spot on the AD.
V691 CrA (4U 1822−371)	*Niu, S. et al.* (6 authors) 2016, RAA 16, 5. (2dx, 5i) The orbital phase resolved spectroscopy of the LMXB with Suzaku.
RW CrB	*Khaliullina, A.I.* 2016, ARep 60, 807. (5ab) Orbital-period variations of the Algol-type EB.
Y Cyg	*Li, L.-S.* 2016, ARep 60, 853. (8d) Retardation of the angular velocity of a rotating star due to mass loss, applied to the EB.

SS Cyg	*Russell, T.D. et al.* (19 authors) 2016, MNRAS 460, 3720. (1orx, 5cgi) The reproducible radio outbursts.
V404 Cyg	*Bernardini, F. et al.* (6 authors) 2016, ApJ 826, 149. (1x*, 2x*, 1o*) The optical–X-ray correlation from outburst to quiescence in the LMXB.
	Gandhi, P. et al. (28 authors) 2016, MNRAS 459, 554. (1a, 2c, 5gi) Sub-second optical flaring during the 2015 outburst peak.
	Heinz, S. et al. (7 authors) 2016, ApJ 825, 15. (1x, 2x) X-ray dust-scattering echo.
	Muñoz-Darias, T. et al. (10 authors) 2016, Nature 534, 75. (2dox, 4cr, 5ij) Regulation of BH accretion by a disk wind during a violent outburst.
	Rana, V. et al. (20 authors) 2016, ApJ 821, 103. (1r, 2dx) Multiwavelength observations during quiescence.
	Tanaka, Y.T. et al. (42 authors) 2016, ApJ 823, 35. (1aio) Modeling and constraints on jet parameters.
V548 Cyg	*Yang, Y.G. et al.* (5 authors) 2016, AJ 152, 49. (1au, 1ao*, 2a*, 5abcde) Algol with possible third body.
	Zhu, L.Y. et al. (8 authors) 2016, AJ 151, 107. (1au, 5abc) Semidetached binary with three possible companions detected by light-time effect.
V1006 Cyg	*Kato, T. et al.* (20 authors) 2016, PASJ 68, L4. (1ao, 5bcij) Dwarf nova showing three types of outbursts and simulating WZ Sge-type behavior.
V1016 Cyg	*Arkhipova, V.P. et al.* (6 authors) 2015, AstL 41, 613. (1a, 2ac, 5cgh) Evolution of the symbiotic nova dust envelope and gaseous nebula.
V1357 Cyg (Cyg X-1)	*Duro, R. et al.* (18 authors) 2016, A&A 589, A14. (2dx, 5i) The HMXB broad Fe Kα feature.
	Miškovičová, I. et al. (17 authors) 2016, A&A 590, A114. (2dx, 5ij) The non-dip spectrum in the low/hard state-orbital phase modulations.
	Sugimoto, J. et al. (8 authors) 2016, PASJ 68, S17. (1ax, 5g) MAXI observations of long-term variations of the HMXB in the low/hard and high/soft states.
V339 Del (Nova Del 2013)	*De Gennaro Aquino, I. et al.* (11 authors) 2016, A&A 589, C4. (10b) High spectral resolution monitoring of the CV with TIGRE (Corrigendum).
	Shore, S. N. et al. (13 authors) 2016, A&A 590, A123. (2dou) The panchromatic spectroscopic evolution of the classical CO nova until X-ray turnoff.
	Tarasova, T.N., Skopal, A. 2016. AstL 42, 10. (2ac, 5h) Structure and chemical composition of the envelope of the nova in nebular phase.
Z Dra	*Khaliullina, A.I.* 2016, ARep 60, 517. (5ab) Period variations.
	Yuan, J.-Z., Şenavci, H.V., Qian, S.-B. 2016, RAA 16, 81. (1ao, 5be) EB with two companions in a 2:1 mean-motion resonance.
AR Dra	*Yang, Y.G. et al.* (4 authors) 2016, AJ 151, 124. (1ao, 5abc) Near-contact binary with cyclic pulsation.
TW Dra	*Liao, W.-P. et al* (5 authors) 2016, RAA 16, 94. (1auo, 5abcj) Lunar Ultraviolet Telescope study of the Algol-type binary.
EF Eri	*Sanad, M.R., Abdel-Sabour, M.A.* 2016, AJ 152, 37. (2cdu*, 5gij) IUE observations of the polar system.
DQ Her	*Dmitrienko, E.S. et al.* (6 authors) 2015, ARep 59, 873. (1ao, 5c) *BVRI* photometry in 2014.
HZ Her	*Staubert, R. et al.* (5 authors) 2016, A&A 590, A91. (2dx) Continued decay in the LMXB cyclotron line energy.

UX Her	*Zola, S. et al.* (9 authors) 2016, AJ 152, 33. (1ao, 2a, 5abcde, 8cd) Early-type semi-detached system.
V728 Her	*Yu, Y.-X., Xiang, F.-Y., Hu, K.* 2016, PASP 128, 044202. (5ab) Orbital-period investigation.
V994 Her	*Zasche, P., Uhlař, R.* 2016, A&A 588, A121. (5abf) Updated study of two EBs in the quintuple system.
EX Hya	*Echevarria, J.* (4 authors) 2016, MNRAS 461, 1576. (1ao, 2abc, 5abcdeg) RV study.
V396 Hya	*Kupfer, T. et al.* (6 authors) 2016, MNRAS 457, 1828. (2aco, 5dhjk) Strong double-peaked He emission lines typical for long-period AM CVn systems; evidence for an accreting WD; Doppler tomograms reveal strong bright spot on the AD.
VY Hya	*Gunsriwiwat, K., Mkrtichian, D.E.* 2016, IBVS No. 6178. (1a, 5c) Discovery of a new pulsating mass-accreting component.
BL Hyi	*Sanad, M.R., Abdel-Sabour, M.A.* 2016, AJ 152, 37. (2cdu*, 5gij) IUE observations of the polar system.
V441 Lac	*Li, K. et al.* (6 authors) 2016, JApA 37, 16. (1ao, 5abcg) EW-type EB.
AM Leo	*Gorda, S.Y.* 2016, AstBu 71, 64. (1a, 2a, 5cde) Spectrometric and photometric study of the EB.
GW Lib	*Chote, P., Sullivan, D.J.* 2016, MNRAS 458, 1393. (1ao) Post-outburst time series photometry of accreting, pulsating WD component of the CV. *Szkody, P. et al.* (10 authors) 2016, AJ 152, 48. (1ao, 2dou, 5gi) Very slow cooling after 2007 outburst.
FL Lyr (KIC 9641031)	*Kozyreva, V.S. et al.* (5 authors) 2015, ARep 59, 1036. (5abc) An exo-Jupiter candidate in the EB. *Kozyreva, V.S. et al.* (5 authors) 2016, ARep 60, 534. (10b) Erratum *Yoldaş, E., Dal, H.A* 2016, PASA 33, 16. (1ao, 5acg) Detailed chromospheric activity of the EB.
V523 Lyr	*Mason, E., Howell, S. B.* 2016, A&A 589, A106. (1ao, 2co) *Kepler* and *Hale* observations of the CV.
GU Mon	*Lorenzo, J. et al.* (6 authors) 2016, A&A 590, A45. (1ao, 2ao, 5bcde) A high-mass overcontact EB in the young open cluster Dolidze 25.
IZ Mon	*Yang, Y.G. et al.* (4 authors) 2016, AJ 151, 124. (1ao, 5abcj) Near-contact binary with mass loss.
PZ Mon	*Pakhomov, Y.V.* 2015, AstL 41, 633. (2c, 5h) Overabundance of s-process elements in the atmosphere of the active red giant. *Pakhomov, Y.V., Gorynya, N.A.* 2015, AstL 41, 677. (2a, 5bce) RS CVn binary with synchronous rotation and minimum mass ratio.
V382 Mon	*Arulanantham, N.A. et al.* (13 authors) 2016, AJ 151, 90. (1ai, 5g) Study of circumbinary ring.
V616 Mon (1A 0620−00)	*Malanchev, K.L., Shakura, N.I.* 2015, AstL 41, 797. (5i, 8ab) Vertical convection in turbulent ADs and LCs of the LMXB 1975 outburst. *Yang, Q.-X.* 2016, RAA 16, 62. (2diorux, 5ij) Jet-dominated quiescent state of the BH LMXB.
V696 Mon (HR 2142)	*Peters, G. J. et al.* (4 authors) 2016, ApJ 828, 47. (2o, 5d) Hot companion and circumbinary disk of the Be star in the Be+sdO system.
η Mus	*Blackford, M.G., Butland, R.J., Budding, E.* 2016, IBVS No. 6171. (5acd) An AD binary in the multiple system.

GU Mus (Nova Mus 1991) (GRS 1124−68)	*Chen, Z. et al.* (8 authors) 2016, ApJ 825, 45. (1x, 2x) BH spin.
SY Mus	*Shagatova, N., Skopal, A., Cariková, Z.* 2016, A&A 588, A83. (2du*, 5j) Wind mass transfer in S-type symbiotic binaries. II. Indication of wind focusing.
QV Nor (4U 1538−522)	*Hemphill, P.B. et al.* (9 authors) 2016, MNRAS 458, 2745. (1x, 5cg, 8a) Evidence for an evolving cyclotron line energy in the HMXB.
V381 Nor (XTE J1550−564)	*Sriram, K., Rao, A.R., Choi, C.S.* 2016, ApJ 823, 67. (2dx) A sudden QPO transition event in the LMXB.
RS Oph	*Booth, R.A., Mohamed, S., Podsiadlowski, P.* 2016, MNRAS 457, 822. (8abd) SPH simulations of interaction between spherical recurrent nova outburst and aspherical circumstellar matter, and possible links to Ia SNe.
V1481 Ori	*Messina, S. et al.* (8 authors) 2016, MNRAS 457, 3372. (1ao, 2ao, 5bcdek) Orbital and absolute parameters of SB2 system (M3 + M4) in Orion nebula cluster determined; photometric time series over 20 years suggest variability due to a hot spot on the accreting secondary.
42 Peg (HD 214923)	*Zverko, J. et al.* (6 authors) 2016, AstBu 71, 199. (2ac, 5g) Binary system with discrepant $v \sin i$ as derived from the Ca II λ3933 and Mg II λ4481 lines.
AG Peg	*Zhekov, S.A., Tomov,T.* 2016, MNRAS 461, 286. (1x, 5cgi) Analysis of recent X-ray observations.
AT Peg	*Zola, S. et al.* (9 authors) 2016, AJ 152, 33. (1ao, 2a, 5abcde, 8cd) Early-type semi-detached system.
GK Per	*Yuasa, T., Hayashi, T., Ishida, M.* 2016, MNRAS 459, 779. (1ax, 2c, 5bcgi) X-ray observation of the outburst in 2015.
NP Per	*Lacy, C.H.S. et al.* (5 authors) 2016, AJ 152, 2. (1ao, 2ado, 5abcdeg) Pre-main-sequence EB.
PT Per	*Watson, M.G. et al.* (5 authors) 2016, MNRAS 460, 4282. (1x, 2abc, 5bcegi) On the nature of the CV.
V348 Pup	*Saito, R.K., Baptista, R.* 2016, MNRAS 457, 198. (2cdou, 5ij) Eclipse mapping of the nova-like variable in the period gap reveals optically thin AD with tidally induced spiral arms.
δ Sco	*Pollmann, E.* 2016, IBVS No. 6179. (2ad) He I 6678 Å emission variability.
AR Sco	*Marsh, T. R. et al.* (26 authors) 2016, Nature 537, 374. (2doiux, 4cr) A radio-pulsing WD binary.
V745 Sco (Nova Sco 1937)	*Drake, J.J. et al.* (10 authors) 2016, ApJ 825, 95. (1x, 2x) Collimation and asymmetry of the hot blast wave.
V818 Sco (Sco X-1)	*Hynes, R.I. et al* (6 authors) 2016, MNRAS 459, 3596. (1aox, 5cgi) Multi-wavelength study, orbital modulations and correlations.
V884 Sco (4U 1700−37)	*Islam, N., Paul, B.* 2016, MNRAS 461, 816. (1x, 5abcegf) HMXB orbital evolution and search for eccentricity and apsidal motion. *Seifina, E., Titarchuk, L., Shaposhnikov, N.* 2016, ApJ 821, 23. (2dx) Modeling of spectra; concludes system has a NS.
V918 Sco	*Raucq, F. et al.* (7 authors) 2016, A&A 588, A10. (2bdou*, 5h) Observational signatures of past mass-exchange episodes in the massive SB.

V1033 Sco (GRO J1655−40)	*Shidatsu, M., Done, C., Ueda, Y.* 2016, ApJ 823, 159. (1aio, 2dx) Suggests an optically thick wind in the LMXB. *Stuchlk, Z., Kološ, M.* 2016, ApJ 825, 13. (8) BH mass and spin.
V1309 Sco (Nova Sco 2008)	*Zhu, L.-Y, Zhao, E.-G., Zhou, X.* 2016, RAA 16, 68. (2ao, 5cg) A low-mass ratio, deep-contact binary as the progenitor of the system.
AO Ser	*Khaliullina, A.I.* 2016, ARep 60, 807. (5ab) Orbital-period variations of the Algol-type EB.
MM Ser (X Ser X-1)	*Chiang, C.-Y. et al.* (15 authors) 2016, ApJ 821, 105. (2cx) Fe K emission line may be from relativistic reflection.
V4634 Sgr (MAXI J1828−249) (GS 1826−238)	*Grebenev, S.A. et al.* (5 authors) 2016, AstL 42, 69. (1x, 5c) Evolution of the broadband spectrum during the LMXB 2013-2014 outburst. *Ono, K. et al.* (5 authors) 2016, PASJ 68, S14. (2dx, 5i) Suzaku observations of the LMXB in the hard state.
V4743 Sgr	*Zemko, P. et al.* (6 authors) 2016, MNRAS 460, 2744. (1x, 2c, 5cgi, 8a) Is this system a magnetic nova?
V5589 Sgr	*Weston, J.H. et al.* (10 authors) 2016, MNRAS 460, 2687. (1rx, 5cgi, 8a) Shock-powered radio emission.
V5668 Sgr (Nova Sgr 2015b)	*Cheung, C.C. et al.* (12 authors) 2016, ApJ 826, 142. (1o*, 2g) FERMI-LAT γ-ray detections.
V5852 Sgr	*Aydi, E. et al.* (19 authors) 2016, MNRAS 461, 1529. (1ao, 2bc, 5cdegh) An unusual nova possibly associated with the Sagittarius stream.
ζ Tau	*Pollmann, E.* 2016, IBVS No. 6172. (2ad) Long-term He I 6678 Å RV monitoring.
103 Tau (HD 32990)	*Tarasov, A.E.* 2016, AstL 42, 598. (2a, 5d) Orbital parameters and variability of the massive SB emission spectrum.
GQ TrA	*Mkrtichian, D.E., Gunsriwiwat, K., Komonjinda, S.* 2016, IBVS No. 6182. (1a, 5c) Detection of multiperiodic oscillations in the mass-accreting component.
KZ TrA (4U 1626−67)	*Raman, G. et al.* (4 authors) 2016, MNRAS 458, 1302. (1ax) Timing analysis of the LMXB optically reprocessed X-rays. *Takagi, T. et al.* (5 authors) 2016, PASJ 68, S13. (1x, 5be) Application of the Ghosh & Lamb relation to the spin-up/down behavior of the pulsar.
BS Tri	*Borisov, N.V. et al.* (5 authors) 2015, AstL 41, 646. (2ac, 5ch) Spectroscopic study of the IP.
μ UMa	*Lee, B.C. et al.* (7 authors) 2016, AJ 151, 106. (2a, 5g) Secondary RV variations in SB due to complex pulsations and chromospheric activity.
AR UMa	*Bai, Y., et al.* (6 authors) 2016, ApJ 828, 39. (2uio) Time-variable Al absorption in the IP.
AW UMa	*Eaton, J.A.* 2016, MNRAS 457, 836. (1ao*, 2ao*, 5cgk) Reinterpretation of LC and line profiles of the A-type W UMa system by overcontact configuration and differential rotation of both stars.
KV UMa (XTE J1118+480)	*Yang, Q.-X.* 2016, RAA 16, 62. (2diorux, 5ij) Jet-dominated quiescent state of the BH LMXB.
TU Uma	*Liška, J. et al.* (5 authors) 2016, A&A 589, A94. (1aco, 2ao*, 5abe) New analysis of the light time effect in the CB with a RR Lyr component.
UX UMa	*de Miguel, E. et al.* (28 authors) 2016, MNRAS 457, 1447. (1ao, 5abci) Extended multi-site time series photometry of eclipsing nova-like star confirms periodic retrograde precession of the AD.

XY UMa	*Gong, H. et al.* (6 authors) 2016, RAA 16, 131. (2dx, 5g) Three X-ray flares near primary eclipse of the RS CVn binary.
GP Vel (Vel X-1)	*Malacaria, C. et al.* (7 authors) 2016, A&A 588, A100. (1ax, 5ij) Stellar wind probed with MAXI.
α Vir (Spica)	*Harrington, D. et al.* (7 authors) 2016, A&A 590, A54. (2ado, 5df) Line-profile variations and orbital elements.
	Tkachenko, A. et al. (19 authors) 2016, MNRAS 458, 1964. (1ao*, 2aco, 5bcdegh) Photometric and spectroscopic analysis of early-type eclipsing SB2 system with β Cep-type pulsating primary.
QS Vir	*Parsons, S.G. et al.* (11 authors) 2016, MNRAS 458, 2793. (1a, 2abc, 5bcdeg) High-speed photometry and high-resolution spectroscopy.
UY Vol (EXO 0748−676)	*Zhang, Z. et al.* (7 authors) 2016, ApJ 823, 131. (2dx) Observations during the LMXB hard state.
V377 Vul (HD 182255)	*Zverko, J. et al.* (6 authors) 2016, AstBu 71, 199. (2ac, 5g) Binary system with discrepant $v \sin i$ as derived from the Ca II λ3933 and Mg II λ4481 lines.
V458 Vul	*Tarasova, T.N.* 2015, ARep 59, 920. (1a, 2bc, 5gh) The envelope of the hybrid nova and the surrounding planetary nebula.

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

HR 2142	(see V696 Mon)
HD 5550	*Alecian, E. et al.* (5 authors) 2016, A&A 589, A47. (3b, 5dk) The magnetic field of the double-lined SB.
HD 32990	(see 103 Tau)
HD 149404	(see V918 Sco)
HD 170582	*Mennickent, R.E. et al.* (4 authors) 2016, MNRAS 461, 1674. (2bc, 5degj) Doppler tomography at low and high stages.
HD 182255	(see V377 Vul)
HD 214923	(see 42 Peg)

Objects with names including RA and DEC

V 0332+53	(see BQ Cam)
PM J03338+3320	*Kato, T. et al.* (15 authors) 2016, PASJ 68, 49. (1ao, 5bcij) Long-period CV superhumps in growing phase following a separate precursor outburst.
PSR J0337+1715	*Spiewak, R. et al.* (11 authors) 2016, ApJ 822, 37. (2dx) X-rays detected from the millisecond pulsar in a hierarchical triple system with two WD companions.
RX J0440.9+4431	*Yan, J. et al.* (4 authors) 2016, AJ 151, 104. (1ao, 2ado, 5i) Long-term study of Be/x-ray binary with variable circumstellar disc.
2MASS J04531000+3353527 (TYC 2505-672-1)	*Rodriguez, J.F. et al.* (13 authors) 2016, AJ 151, 123. (1auoi*, 6b) EB similar to ϵ Aur with period 69.1 years.
IGR J05007−7047 (LXP 38.55)	*Vasilopoulos, G. et al.* (5 authors) 2016, MNRAS 461, 1875. (1aox, 5bceg) Identified as a LMC Be/XB pulsar.

IPHAS J052832.69+283837.6	*Gabdeev, M.M.* 2015, AstBu 70, 460. (1a, 5c, 6d) Photometric monitoring of the IP.
2MASS J06015877−6830551 (OGLE LMC-ECL-25658)	*Elgueta, S.S. et al.* (14 authors) 2016, AJ 152, 29. (1ao, 2a, 5cde) Solar-type EB in LMC gives independent distance estimate.
1A 0620−00	(see V616 Mon)
PSR J0636+5129	*Spiewak, R. et al.* (11 authors) 2016, ApJ 822, 37. (2dx) X-rays detected from the millisecond pulsar in a tight 96-minute orbit with a low-mass companion.
CRTS CSS081231 J071126+440405	(see V808 Aur)
1RXS J073346.0+261933	*Gabdeev, M.M.* 2015, AstBu 70, 460. (1a, 5c, 6d) Photometric monitoring of the IP candidate.
PSR J0737−3039	*Iacolina, M.N. et al.* (11 authors) 2016, ApJ 824, 87. (1x) Orbital phase-dependent wind-companion interaction.
EXO 0748−676	(see UY Vol)
2MASS J07580587−0753554 (StHα 63)	*Baella, N.O. et al.* (4 authors) 2016, AJ 151, 100. (2d, 6b) New yellow symbiotic star.
2MASS J08570970+1856441 (KP 101231)	*Devarapalli, S.P., Jagirdar, R.* 2016, JApA 37, 18. (1ao, 2bco, 5cg) First Hα and revised photometric study of the contact binary.
J095551+6940.8	*Pan, Y.Y. et al.* (4 authors) 2016, MNRAS 461, 2. (5gi, 8ad) May be an evolved magnetar.
RX J0957.9+6903 (Holmberg IX X-1)	*Luangtip, W., Roberts, T.P., Done, C.* 2016, MNRAS 460, 4417. (1x, 5cgi, 8a) The X-ray spectral evolution.
PSR J1022+1001	*Deller, A.T. et al.* (12 authors) 2016, ApJ 828, 8. (1o*, 4c) Microarcsecond VLBI binary millisecond pulsar astrometry.
PSR J1048+2339	*Deneva, J.S. et al.* (12 authors) 2016, ApJ 823, 105. (1aoxrg, 4a, 5b, 6c) Multiwavelength observations of the Redback millisecond pulsar.
XTE J1118+480	*Zurita, C. et al.* (4 authors) 2016, MNRAS 460, 4289. (2abc, 5degi) Chromospheric emission from the secondary star.
XTE J1118+480	(see KV UMa)
2MASS J11201034−2201340	*Hu, C.P. et al.* (13 authors) 2016, AJ 151, 170. (1aox, 2d, 5abc, 6b) New x-ray-emitting contact binary.
GRS 1124−68	(see GU Mus)
SDSS J1152+0248	*Hallakoun, N. et al.* (16 authors) 2016, MNRAS 458, 845. (1aoo*, 2ad, 5bcde, 6b) Orbital and physical parameters of a new DA WD EB system.
4U 1323−619	*Gambino, A. F. et al.* (9 authors) 2016, A&A 589, A34. (2dx*, 5ab) New orbital ephemerides for the dipping source, constraining the distance to the LMXB.
GS 1354−64	(see BW Cir)
PSN J14021678+5426205	*Goranskij, V.P. et al.* (11 authors) 2016, AstBu 71, 82. (1a, 2c) Photometry and spectroscopy of the luminous red nova in the galaxy M101.
IGR J14091−6108	*Tomsick, J.A. et al.* (16 authors) 2016, MNRAS 460, 513. (1x, 2abc, 5bcg, 8a) Identifying the system as a magnetic CV with a massive WD.
SDSS J143317.78+101123.3	*Hernández Santisteban, J. V. et al.* (10 authors) 2016, Nature 533, 366. (2aduoi, 5de) An irradiated brown-dwarf companion of an accreting WD.
4U 1538−522	(see QV Nor)

1E 1547.0−5408	*Makishima, K. et al.* (7 authors) 2016, PASJ 68, S12. (2dx, 5bi) Evidence for a 36 ks phase modulation in the hard X-ray pulses from the magnetar.
XTE J1550−564	(see V381 Nor)
2S 1553−542	*Tsygankov, S.S. et al.* (7 authors) 2016, MNRAS 457, 258. (1x, 2cdx, 5be) Spectral and timing analysis of transient X-ray pulsar; improved position, orbital parameters and spin period change.
4U 1626−67	(see KZ TrA)
4U 1630−47	(see 1RXS J163403.0−472344)
1RXS J163403.0−472344 (4U 1630−47)	*Hori, T. et al.* (7 authors) 2016, AN 337, 467. (1x, 2dx, 5ij) Galactic BH binary observed in a very high state during the 2012 outburst.
4U 1636−536	(see V801 Ara)
IGR J16393−4643	*Bodaghee, A. et al.* (13 authors) 2016, ApJ 823, 146. (2dx) Measurement of the HMXB magnetic field.
IRAS 16410−5106 (PN HA Tr 4)	*Hillwig, T.C. et al.* (5 authors) 2016, AJ 152, 34. (1ao*, 1ao, 5c) Central star of PN is detached EB.
ROTSE1 J16431.65+251748.1	*Michel, R. et al.* (5 authors) 2016, RMxAA 52, 339. (1ao, 5c) Spotted W UMa system.
GRO J1655−40	(see V1033 Sco)
4U 1700−37	(see V884 Sco)
AX J1700.7−4139	*Jaisawal, G.K., Naik, S.* 2016, BASI 42, 147. (2dx, 5ci) Investigation of Fe emission lines in the eclipsing HMXB pulsar.
4U 1728−34	*Sleator, C.C. et al.* (16 authors) 2016, ApJ 827, 87. (1x, 2x) Reflection spectrum of the LMXB.
1E 1743.1−2843	*Lotti, S. et al.* (16 authors) 2016, ApJ 822, 57. (2dx) Concludes that this source is a NS in a LMXB.
H 1743−322	*Stiele, H, Yu, W.* 2016, MNRAS 460, 1946. (1x, 5bcgi) Energy-dependent variability of the LMXB during the 2014 outburst.
H 1743−322	*De Marco, B., Ponti , G.* 2016, ApJ 826, 70. (1x, 2x) Reverberation lag in the LMXB.
EXO 1745−248	*Tetarenko, A.J. et al.* (16 authors) 2016, MNRAS 460, 345. (1rx, 5cegij) Disc-jet coupling in the LMXB.
IGR J17451−3022	*Bozzo, E. et al.* (13 authors) 2016, A&A 589, A42. (2dx*, 5ab) A dipping and eclipsing LMXB.
SWIFT J174510.8-262411	*Prosvetov, A.V., Grebenev, S.A.* 2015, AstL 41, 549. (1x, 5c, 7d) QPO and low-frequency noise in the LMXB rapid variability power spectrum.
GRS 1747−312	*Saji, S. et al.* (9 authors) 2016, PASJ 68, S15. (2dx, 5g) Peculiar lapse of periodic eclipsing event in the LMXB 2009 Suzaku observations.
SAX J1748.9−2021	*Sanna, A. et al.* (9 authors) 2016, MNRAS 459, 1340. (1x, 5bcegij) Timing analysis of the LMXB 2015 outburst.
SAX J1748.9−2021	*Pintore, F. et al.* (9 authors) 2016, MNRAS 457, 2988. (1x, 2dx, 5i) X-ray spectral analysis of the accreting millisecond X-ray pulsar.
Swift J1753.5−0127	*Kolehmainen, M. et al.* (12 authors) 2016, AN 337, 485. (1r*x, 5i) Radio/X-ray correlation for the BH binary in low/hard states.
Swift J1753.5−0127	*Shaw, A.W. et al.* (9 authors) 2016, MNRAS 458, 1636. (1x, 2dx, 5i) Transition to a previously unseen soft state derived from X-ray spectral analysis of the BH LMXB with an AD.

1RXS J180408.9−34205	*Ludlam, R.M. et al.* (11 authors) 2016, ApJ 824, 37. (2cdx, 5i) Constraints on the AD in the NS LMXB.
4U 1820−30 (X Sgr X-4)	*Mondal, A.S. et al.* (6 authors) 2016, MNRAS 461, 1917. (1x, 5cegi, 8a) Broad-band X-ray emission in the LMXB.
4U 1822−371	(see V691 CrA)
GS 1826−238	(see V4634 Sgr)
IGR J18293−1213	*Clavel, M. et al.* (10 authors) 2016, MNRAS 461, 304. (1x, 5abceg) An eclipsing CV.
IRAS 18293−2845 (PN Hf 2-2)	*Hillwig, T.C. et al.* (5 authors) 2016, AJ 152, 34. (1ao*, 1ao, 5c) Central star of PN is detached EB.
HESS J1832−093	*Eger, P. et al.* (6 authors) 2016, MNRAS 457, 1753. (1x, 2dx, 6b) X-ray flux variability and SED suggest binary nature of the γ-ray point source.
ASAS J184949−1518.7	*Ratajczak, M. et al.* (11 authors) 2016, MNRAS 461, 2234. (1ao, 2a, 5cdeg) Orbital and physical parameters of the ASAS catalogue EB.
MASTER OT J190519.41+301524.4	*Martinelli, F., Denisenko, D.V.* 2016, PZ 36, No. 1. (5b, 6d) A new eclipsing CV of VY Scl type.
IGR J19140+0951	*Sidoli, L. et al.* (5 authors) 2016, MNRAS 460, 3637. (1x, 5bcegi) Discovery of mHz QPOs.
GRS 1915+105	*Punsly, B., Rodriguez, J., Trushkin, S.A.* 2016, ApJ 826, 5. (1r, 2x) Accretion flow–discrete ejection connection.
GRS 1915+105	(see V1487 Aql)
GRS 1915+105	(see V1487 Aql)
MASTER OT J192328.22+612413.5	*Kennedy, M.R. et al.* (10 authors) 2016, AJ 152, 27. (1ao, 2d, 5cgi) Dwarf nova, SW Sex star or cross between them?
KS 1947+300	*Epili, P., Naik, S., Jaisawal, G.K.* 2016, RAA 16, 77. (2dx, 5bi) Broadband spectroscopy of the transient XB pulsar during the 2013 giant outburst: detection of a pulsating soft X-ray excess component.
2MASS J19585275+4054142 (KIC 5738698)	*Matson, R.A. et al.* (4 authors) 2016, AJ 151, 139. (1ao*, 2ad, 5abcdeg) Kepler LC and ground-based spectroscopy yield masses, radii and atmospheric parameters.
VLA J213002.08+120904	*Tetarenko, B.E. et al.* (10 authors) 2016, ApJ 825, 10. (1or, 2x) BH LMXB outside of globular cluster M15.
PSR J2145−0750	*Deller, A.T. et al.* (12 authors) 2016, ApJ 828, 8. (1o*, 4c) Microarcsecond VLBI binary millisecond pulsar astrometry.
PSR J2215+5135	*Broderick, J.W. et al.* (33 authors) 2016, MNRAS 459, 2681. (1r, 4c, 5ceg, 6b) Low-radio-frequency eclipses observed in the image plane with LOFAR.
PSR J2215+5135	*Romani, R.W., Sanchez, N.* 2016, ApJ 828, 7. (1o,1x, 8abc) Intra-binary shock heating of Black Widow companions.
HS 2220+2146	*Andrews, J.J. et al.* (7 authors) 2016, ApJ 828, 38. (8c) Wide, double WD system may be the remnant of a merged inner binary in a hierarchical triple.
HS 2331+3905	(see V455 And)

X-ray sources with constellation or galaxy names

Aql X-1	(see V1333 Aql)

Cen X-4	(see V822 Cen)
Cyg X-1	(see V1357 Cyg)
Cyg X-2	*Premachandra, S.S. et al.* (5 authors) 2016, ApJ 823, 106. (2ao, 5bd) Improved ephemerides for use in gravitational wave research.
Her X-1	(see HZ Her)
Holmberg IX X-1	(see RX J0957.9+6903)
IC 10 X-1	*Tutukov, A.V., Fedorova, A.V.* 2016, ARep 60, 106. (5i, 8c) Accretion of matter from an intense WR stellar wind onto a BH.
M82 X-2	*Tsygankov, S.S. et al.* (4 authors) 2016, MNRAS 457, 1101. (2dx, 5i) Accreting magnetar in ULXB.
NGC 300 X-1	*Tutukov, A.V., Fedorova, A.V.* 2016, ARep 60, 106. (5i, 8c) Accretion of matter from an intense WR stellar wind onto a BH.
NGC 1313 X-1	*Pinto, C., Middleton, M. J., Fabian, A. C.* 2016, Nature 533, 64. (2dx, 5i) Resolved atomic lines reveal outflows in ULX source.
NGC 5408 X-1	*Pinto, C., Middleton, M. J., Fabian, A. C.* 2016, Nature 533, 64. (2dx, 5i) Resolved atomic lines reveal outflows in ULX source.
NGC 6946 X-1	*Pinto, C., Middleton, M. J., Fabian, A. C.* 2016, Nature 533, 64. (2dx, 5i) Resolved atomic lines reveal outflows in ULX source.
Sco X-1	(see V818 Sco)
Vel X-1	(see GP Vel)
X Ser X-1	(see MM Ser)
X Sgr X-4	(see 4U 1820−30)

Objects with other designations

ASASSN -15jd	*Kimura, M. et al.* (24 authors) 2016, PASJ 68, 55. (1ao, 5bcij) WZ Sge-type dwarf nova with intermediate superoutburst between single and double ones.
ELHC 10	*Garrido, H.E. et al.* (7 authors) 2016, MNRAS 457, 1675. (1ao*, 2ao, 5bcdghj) Long-period SB1 EB in the LMC embedded in young nebular complex; primary eclipse by an opaque disc hiding the secondary.
GSC 2197-0886	(see VSX J213806.5+261957)
GW 150914	*Belczynski, K. et al.* (4 authors) 2016, Nature 534, 512. (8c) The first gravitational-wave source from the isolated evolution of two stars in the 40-100 solar mass range.
	Rodriguez, C.L. et al. (5 authors) 2016, ApJL 824, L8. (8c) Binary BH merger occurred in the core of a globular cluster.
	Woosley, S.E. 2016, ApJL 824, L10. (8c) Suggests 70 and 90 solar mass binary BH progenitor stars.
GX 304-1	(see V850 Cen)
GX 339-4	(see V821 Ara)
GX 340+0	*Miller, J.M. et al.* (5 authors) 2016, ApJL 822, L18. (2cdx, 5i) Estimate of the LMXB disk wind.
Gliese 762.1	*Masda, S.G. et al.* (4 authors) 2016, RAA 16, 112. (1ao, 2abco, 5bcde) Physical and geometrical parameters of the close double-lined SB.

ID487 in NGC 6866	*Joshi, Y.C., Jagirdar, R., Joshi, S.* 2016, RAA 16, 63. (1aio, 5bce) Photometric study of the W UMa variable in the open cluster NGC 6866.
ID494 in NGC 6866	*Joshi, Y.C., Jagirdar, R., Joshi, S.* 2016, RAA 16, 63. (1aio, 5bce) Photometric study of the W UMa variable in the open cluster NGC 6866.
KIC 5738698	(see 2MASS J19585275+4054142)
KIC 6220497	*Lee, J.W. et al.* (4 authors) 2016, MNRAS 460, 4220. (1ao, 5bceg) A new Algol-type EB with multiperiodic pulsations.
KIC 9532219	*Lee, J.W. et al.* (4 authors) 2016, ApJ 820, 1. (1a, 5abc) Short period WUMa system.
KIC 9641031	(see FL Lyr)
KIC 9851944	*Guo, Z. et al.* (4 authors) 2016, ApJ 826, 69. (1o, 2oi, 5bcd) EB with δ Scuti/γ Doradus pulsator components.
KP 101231	(see 2MASS J08570970+1856441)
Kepler-16	*Lines, S. et al.* (5 authors) 2016, A&A 590, A62. Modelling circumbinary protoplanetary disks. II. Gas-disk feedback on planetesimal dynamical and collisional evolution in the circumbinary system.
Kepler-34	*Lines, S. et al.* (5 authors) 2016, A&A 590, A62. Modelling circumbinary protoplanetary disks. II. Gas disk-feedback on planetesimal dynamical and collisional evolution in the circumbinary system.
L1551 IRS 5	Lim, J. et al. (6 authors) 2016, ApJ 826, 153. (1r) Rotationally driven fragmentation formation of binary stars.
LS I +61°303	(see V615 Cas)
NSVS 1908107	*Pan, Y. et al.* 2016, RAA 16, 109. (1ao, 5ce) An EB-type EB in the open cluster NGC 869.
Nova Cen 2013	(see V1369 Cen)
Nova Del 2013	(see V339 Del)
Nova Sco 1937	(see V745 Sco)
Nova Sco 2008	(see V1309 Sco)
Nova Sgr 2015b	(see V5668 Sgr)
OGLE LMC-ECL-25658	(see 2MASS J06015877−6830551)
OT2011	*Smith, N. et al.* (14 authors) 2016, MNRAS 458, 950. (1aioo*, 2aiod) IR and optical transient in galaxy NGC 4490 interpreted as massive star merger; comparison with V838 Mon and V1309 Sco.
PN G068.1+11.0	*Mitrofanova, A.A. et al.* (5 authors) 2016, ARep 60, 252. (1a, 2ac, 5bcde) A young pre-CV with an extremely hot primary.
PN HA Tr 4	(see IRAS 16410−5106)
PN Hf 2-2	(see IRAS 18293−2845)
RCW 103	*Rea, N.* (7 authors) 2016, ApJ 828, L13. (1x,2dx) Magnetar-like activity from the SN remnant central compact object.
SS 433	(see V1343 Aql)
StHα 63	(see 2MASS J07580587−0753554)
SXP 214	*Hong, J. et al.* (15 authors) 2016, ApJ 826, 4. (1x, 2dx) Crossing the circumstellar disk of the companion in the SMC HMXB.
Spica	(see α Vir)
TYC 01664-0110-1	*Alton, K.B., Stępień, K.* 2016, AcA 66, 357. (1a, 5abce) Roche modelling and evolutionary history of the EB.
TYC 2505-672-1	(see 2MASS J04531000+3353527)

TYC 4034-1216-1	(see 2MASS J01244042+6308297)
USNO-B1.0 0295-0396025	*Quiñones, C., Mina, F. D., Suárez, N.* 2016, PZP 16, No. 2. (6b) New EB in the field of AW Cru.
USNO-B1.0 0295-0396078	*Quiñones, C., Mina, F. D., Suárez, N.* 2016, PZP 16, No. 2. (6b) New EB in the field of AW Cru.
USNO-B1.0 0295-0396145	*Quiñones, C., Mina, F. D., Suárez, N.* 2016, PZP 16, No. 2. (6b) New EB in the field of AW Cru.
WR 21a	*Gosset, E., Nazé, Y.* 2016, A&A 590, A113. (2dx) A massive colliding wind WR+O binary.

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Brogaard, K. et al. (13 authors) 2016, AN 337, 793. Testing asteroseismic scaling relations using EBs in star clusters and the field.

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