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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

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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

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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

Z And	*Leibowitz, E.M., Formiggini, L.* 2008, MNRAS 385, 445. (1d, 5cg) Long-term visual LC of symbiotic system suggests multiple periodicities; spot activity and dynamo cycle discussed. *Tomov, N.A., Tomova, M.T., Bisikalo, D.V.* 2008, MNRAS 389, 829. (1ao*, 2bc, 5cdghij, 8ad) A model with an accretion disc.
AB And	*Hasanzadeh, A., Jassur, D.M.Z., Kermani, M.H.* 2008, Ap&SS 317, 71. (1ao, 5bc)
V348 And	*Zasche, P., Svoboda, P.* 2008, IBVS 5827. (1a, 5b, 6d) Unconfirmed eclipsing nature.
V376 And	*Djurašević, G. et al.* (5 authors) 2008, Rev. Mex. Astron. Astrofis. 44, 249. (1bo, 1bo*, 5cg)
V466 And	2008, IAU Circ. 8971 (1a, 2co, 4a, 5g, 6b) Discovery of dwarf nova. 2008, IAU Circ. 8973 (1a) Magnitudes of new nova.
R Aqr	*Kamohara, R. et al.* (31 authors) 2008, PASJ 60, 1023. (4r) VERA observations of SiO masers.
UU Aqr	*Baptista, R., Bortoletto, A.* 2008, ApJ 676, 1240. (2ao, 5i) Two-armed pattern in flickering maps.
AE Aqr	*Echevarria, J. et al.* (5 authors) 2008, MNRAS 387, 1563. (2abc, 5abdek) High-dispersion spectroscopic study.
EE Aqr	*Ghoreyshi, S.M.R., Ghanbari, J., Salehi, F.* 2008, Ap&SS 314, 331. (1ao*, 2a*, 5e)
EG Aqr	*Imada, A. et al.* (35 authors) 2008, PASJ 60, 1151. (1ao) Detection of superhumps in an outburst.
KO Aql	*Mennekens, N. et al.* (4 authors) 2008, A&A 486, 919. (8ab) Origin and evolution.
V802 Aql	*Yang, Y.-G. et al.* (5 authors) 2008, PASJ 60, 807. (1ao, 5abce) Light-curve analysis and suggested magnetic activity.
V1343 Aql (SS 433)	*Blundell, K.M., Bowler, M.G., Schmidtobreick, L.* 2008, ApJ 678, L47. (2ado, 5e) Observation of ring material favors a large mass. *Davydov, V.V., Esipov, V.F., Cherepashchuk, A.M.* 2008, AZh 85, 545. (2a, 5d) Spectroscopic monitoring in search of long-term variations of kinematic model parameters. *Hillwig, T.C., Gies, D.R.* 2008, ApJ 676, L37. (2ado, 5e) Revised mass for mass donor and compact object. *Miller-Jones, J.C.A. et al.* (6 authors) 2008, ApJ 682, 1141. (1rx, 2rx) Discrete ejecta in jets. *Reynoso, M.M., Romero, G.E., Christiansen, H.R.* 2008, MNRAS 387, 1745. (1g, 5ce, 8a) Study of spectral energy distribution of γ-rays and neutrinos. *Roberts, D.H. et al.* (5 authors) 2008, ApJ 676, 584. (4br) Study of structure, linear polarization, and Faraday rotation. *Yamamoto, H. et al.* (11 authors) 2008, PASJ 60, 715. (4r) Molecular clouds and a relativistic jet from SS433.
V1405 Aql (XB1916−053)	*Hu, C.-P., Chou, Y., Chung, Y.-Y.* 2008, ApJ 680, 1405 (1x) Parameterization of x-ray dips in LMXRB.
V1429 Aql (MWC 314)	*Muratorio, G., Rossi, C., Friedjung, M.* 2008, A&A 487, 637. (2c, 6b) New massive binary.

V1487 Aql (GRS 1915+105)	*Eikenberry, S.S. et al.* (6 authors) 2008, ApJ 678, 369. (2di) Suggests new type of IR variability from jet outflow.
BF Ara	*Olech, A., Rutkowski, A., Schwarzenberg-Czerny, A.* 2007, Acta Astronomica 57, 331. (1a, 5abc) Three periodicities.
V821 Ara (GX 339-4)	*Dunn, R.J.H. et al.* (5 authors) 2008, MNRAS 387, 545. (1x*, 5cgi) Investigation into the x-ray emission.
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	Muñoz-Darias, T., Casares, J., Martínez-Pais, I.G. 2008, MNRAS 385, 2205. (8ac) Component masses and evolutionary state of BH LMXB.
UX Ari	*Rosario, M.J., Mekkaden, M.V., Raveendran, A.V.* 2008, IBVS 5836. (1a, 5c) Longitudinal asymmetry in spot activity.
α Aur	*Branham, R.L.* 2008, AJ 136, 963. (2ao*, 4co*, 5de) New three-dimensional orbit.
V390 Aur	*Konstantinova-Antova, R. et al.* (7 authors) 2008, A&A 480, 475. (3b, 6b) Secondary component of visual binary ADS 3812.
V405 Aur	*Pirola, T. et al.* (4 authors) 2008, ApJ 684, 558. (1ao, 3ao) Complete phase coverage in UBVRI polarimetry.
TU Boo	*Coughlin, J.L., Dale, H.A., Williamon, R.A.* 2008, AJ 136, 1089. (1abo, 5abcgj)
AD Boo	*Clausen, J.V. et al.* (8 authors) 2008, A&A 487, 1095. (1ao, 2ao, 5e) Absolute elements.
SZ Cam	*Gorda, S.Yu.* 2008, LeAZh 34, 351. (2a, 5de) New spectrophotometry (the problem of the third component).
BL Cam	*Fu, J-.N. et al.* (6 authors) 2008, Chinese J. Astron. Ap. 8, 237. (1ao, 5ab) An interpretation of period variations as the light-time effect in a binary system.
MU Cam	*Staude, A. et al.* (6 authors) 2008, A&A 486, 899. (1x, 1ao, 5i) Changing accretion state.
HM Cnc (RX J0806.3+1527)	*Strohmayer, T.E.* 2008, ApJ 679, L109. (2dx) High resolution x-ray spectroscopy.
II CMa	*Liu, L. et al.* (8 authors) 2008, PASJ 60, 565. (1ao, 5abc) LC analysis.
η Car	2008, IAU Circ. 8961 (2c, 5g) Prediction of next spectroscopic event.
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	Humphreys, R.M., Davidson, K., Koppelman, M. 2008, AJ 135, 1249. (2x, 5j) History of wind phenomena from digitized early objective prism spectra.
	Smith, N. 2008, Nature 455, 201. (2coi) A blast wave from the 1843 eruption.
θ Car	*Hubrig, S. et al.* (5 authors) 2008, A&A 488, 287. (2b, 3b, 5dh). Binary nature of peculiar hot star.
DW Car	*Harmanec, P.* 2008, A&A 480, 213. (2d*, 5g) No Be component in EB.
OY Car	*Smak, J.* 2008, Acta Astronomica 58, 65. (1a, 5i) Superoutbursts and their interpretation.
QU Car	*Kafka, S., Anderson, R., Honeycutt, R.K.* 2008, AJ 135, 1649. (2ado, 5j) Possible SN Ia progenitor.

	Linnell, A.P. et al. (6 authors) 2008, ApJ 676, 1226. (8a) Synthetic spectrum constraints on a model.
RZ Cas	*Lehmann, H., Mkrtichian, D.E.* 2008, A&A 480, 247. (2ao, 5d)
	Mennekens, N. et al. (4 authors) 2008, A&A 486, 919. (8ab) Origin and evolution.
BS Cas	*Yang, Y.-G., Wei, J.-Y., He, J.-J.* 2008, AJ 136, 594. (1ao, 5abc)
HT Cas	*Borges, B.W. et al.* (4 authors) 2008, A&A 480, 481. (5ab) Cyclical period changes in CV.
V615 Cas (LS I +61°303)	*Acciari, V.A. et al.* (78 authors) 2008, ApJ 679, 1427. (1bg) Stongly variable γ-ray flux.
	Albert, J. et al. (142 authors) 2008, ApJ 684, 1351. (1rxg, 2rxg) Multi-wavelength observations.
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V723 Cas	*Ness, J.-U. et al.* (8 authors) 2008, AJ 135, 1328. (1x, 2x, 5g) Continued x-ray emission.
V772 Cas	*Gandet, T.L.* 2008, IBVS 5848. (1a, 5b) Intrinsically variable BpSi star in EB.
V716 Cen	*Bakiş, H. et al.* (4 authors) 2008, MNRAS 385, 381. (2ao, 5cdek) Accurate absolute parameters for early-type semi-detached EB.
V841 Cen	*Innis, J.L., Coates, D.W.* 2008, IBVS 5838. (1a, 5b) Large long-lived spot wave.
VV Cep	*Bauer, W.H., Gull, T.R., Bennett, P.D.* 2008, AJ 136, 1312. (2du, 5uj) Emission detected from extended circumbinary region.
EQ Cet	*Campbell, R.K. et al.* (5 authors) 2008, ApJ 678, 1304. (2di) Cyclotron modelling.
Z Cha	*Smak, J.* 2008, Acta Astronomica 58, 55. (1a) Hot spot during superoutburst.
RZ Com	*He, J-.J., Qian, S-.B.* 2008, Chinese J. Astron. Ap. 8, 465. (1ao, 5bce) Photometric analysis.
T CrB	*Wallerstein, G. et al.* (4 authors) 2008, PASP 120, 492. (2cd, 5gh) Metallicity and Li abundance.
DZ Cru (Nova 2003)	*Rushton, M.T. et al.* (5 authors) 2008, MNRAS 386, 289. (2bci) Near-IR emission lines observed 1.5 years after outburst hint at classical nova event.
SS Cyg	*Bisikalo, D.V. et al.* (5 authors) 2008, AZh 85, 356. (8b) Matter-flow structure in quiescent state from comparisons of observational and synthesized Doppler tomograms.
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BF Cyg	*Tatarnikova, A.A., Kolotilov, E.A., Tatarnikov, A.M.* 2008, AZh 85, 151. (2d) A pre-outburst of classical symbiotic star in 1987-1989.
CH Cyg	*Bogdanov, M.B., Taranova, O.G.* 2008, AZh 85, 454. (1b, 5j) Variations of the parameters of the dust envelope.
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V965 Cyg	*Samec, R.G. et al.* (5 authors) IBVS 5845. (1a, 5bc, 6d) Fill-out EB with strong magnetic activity.
V1016 Cyg	*Arkhipova, V.P. et al.* (4 authors) 2008, LeAZh 34, 523. (1b, 2c) Photometric and spectroscopic evolution of symbiotic nova after outburst.
V1341 Cyg (Cyg X-2)	*Lei, Y.J. et al.* (9 authors) 2008, ApJ 677, 461. (2dx) Evolution of cross-correlation and time lag.
V1347 Cyg	*Iorio, L.* 2008, Ap&SS 315, 335. (2a, 5e)
V1357 Cyg (Cyg X-1)	*Gies, D.R. et al.* (13 authors) 2008, ApJ 678, 1237. (2dou) Stellar wind variations during high and low x-ray states.
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	Rico, J. 2008, ApJ 683, L55. (1x*, 2x*) Variable superorbital modulations.
	Titarchuk, L., Shaposhnikov, N. 2008, ApJ 678, 1230. (5i) Study of variability power decay.
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V1521 Cyg (Cyg X-3)	*Szostek, A., Zdiarski, A.A.* 2008, MNRAS 386, 593. (2x, 5ij) BeppoSAX x-ray spectra suggest tenuous hot and dense cool stellar wind constituents; presence of BH component consistent with model.
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V1727 Cyg (4U 2129+47)	*Bothwell, M.S. et al.* (4 authors) 2008, A&A 485, 773. (2ao) LMXB possibly heirarchical triple.
V2246 Cyg (EXO 2030+375)	*Wilson, C.A., Finger, M.H., Camero-Arranz, A.* 2008, ApJ 678, 1263. (2dx) Observed during giant outburst.
V2467 Cyg	2008, IAU Circ. 8955 (2ci, 5g) Thermal continuum free of dust spectrum.
V2468 Cyg	2008, IAU Circ. 8936 (2ci, 5g) Very rich emission-line spectrum.
V2491 Cyg	2008, IAU Circ. 8934 (1cd, 4a, 6b) Designation and magnitudes of new nova.
	2008, IAU Circ. 8935 (1a, 2ci, 5g) Rare He-N nova.
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AG Dra	*González-Riestra, R. et al.* (8 authors) 2008, A&A 481, 725. (2dux, 5g)
DO Dra	*Andronov, I.L. et al.* (5 authors) 2008, A&A 486, 855. (1ao, 5i) Multiple timescales in CV.
EX Dra	*Halevin, A.V., Henden, A.A.* 2008, IBVS 5833. (1a, 5b) Switching of accretion state in DN.

MQ Dra	*Szkody, P. et al.* (8 authors) 2008, ApJ 683, 967. (1iou, 2iou, 5b) UV excesses at low accretion rates.
S Equ	*Mennekens, N. et al.* (4 authors) 2008, A&A 486, 919. (8ab) Origin and evolution.
GX Gem	*Lacy, C.H.S., Torres, G., Claret, A.* 2008, AJ 135, 1757. (1ao, 2ao, 5bcde) Fit to published models suggests advanced age.
OW Gem	*Galan, C. et al.* (8 authors) 2008, Observatory 128, 298. (1bo, 2ao, 5abcde) Long-period giant EB.
AM Her	*Beuermann, K., El Kholy, E., Reinsch, K.* 2008, A&A 481, 771. (2dx, 5i) Soft x-ray spectral variability.
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HZ Her (Her X-1)	*Abubekerov, M.K. et al.* (4 authors) 2008, AZh 85, 427. (5de) Mass of compact object.
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VZ Hya	*Clausen, J.V. et al.* (8 authors) 2008, A&A 487, 1095. (1ao, 2ao, 5e) Absolute elements.
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Y Leo	*Turcu, V., Pop, A., Moldovan, D.* 2008, IBVS 5826. (1a, 5c) Short-periodic pulsating component in EB.
RZ LMi	*Olech, A. et al.* (6 authors) 2008, Acta Astronomica 58, 131. (1a, 5b) The most active SU UMa Star.
β Lyr	*Zhao, M. et al.* (15 authors) 2008, ApJ 684, L95. (4c, 5e) First resolved images and astrometric solution of an interracting binary.
V477 Lyr	*Shimansky, V.V. et al.* (7 authors) 2008, LeAZh 34, 465. (1aoi, 5cde) Analysis of fundamental parameters.
TU Mus (HD 100213)	*Penny, L.R., Ouzts, C., Gies, D.R.* 2008, ApJ 681, 554. (1ao, 2ao*, 5cd) LC/RV solution and tomography of massive close binary.
V381 Nor (XTE J1550−564)	*Muñoz-Darias, T., Casares, J., Martínez-Pais, I.G.* 2008, MNRAS 385, 2205. (8ac) Component masses and evolutionary state of BH LMXB.
	Pszota, G. et al. (4 authors) 2008, MNRAS 389, 423. (1x, 5cgij, 8ad) Origin of x-ray emission in quiescence.
RS Oph	*Barry, R.K. et al.* (41 authors) 2008, ApJ 677, 1253. (4ci) Angular size of mid-IR continuum emitting material.
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	Wallerstein, G. et al. (4 authors) 2008, PASP 120, 492. (2cd, 5gh) Metallicity and Li abundance.
WZ Oph	*Clausen, J.V. et al.* (8 authors) 2008, A&A 487, 1095. (1ao, 2ao, 5e) Absolute elements.
V2487 Oph	2008, IAU Circ. 8951 (1b, 6b) Discovery of recurrent nova on old plate.

V2615 Oph	*Munari, U. et al.* (7 authors) 2008, MNRAS 387, 344. (1ao, 2abc, 5cdeg) Photometric and spectroscopic study.
V2670 Oph	2008, IAU Circ. 8947 (1ad, 4a, 6b) Position and magnitudes of new nova. 2008, IAU Circ. 8948 (1ad, 2co, 4a) Spectrum and magnitudes. 2008, IAU Circ. 8949 Designation. 2008, IAU Circ. 8956 (2ci, 5g) Low excitation spectrum.
V2671 Oph	2008, IAU Circ. 8950 (1a, 4a, 6b) Position and magnitudes of new nova. 2008, IAU Circ. 8951 (2co) Confirmed nova and designation. 2008, IAU Circ. 8957 (2ci, 5g) Low excitation spectrum.
V1055 Ori (4U 0614+091)	*Shahbaz, T. et al.* (5 authors) 2008, PASP 120, 848. (1ao) Periodicities in light of ultra-compact LMXB.
V1647 Ori	2008, IAU Circ. 8968 (1a, 4a) Apparent brightening. 2008, IAU Circ. 8969 (2cd, 5g) Strong outburst.
V432 Per	*Lee, J.W. et al.* (5 authors) 2008, AJ 135, 1523. (1ao, 5abcegj)
V505 Per	*Tomasella, L. et al.* (7 authors) 2008, A&A 480, 465. (1ao, 2aco, 5cdeh)
V570 Per	*Tomasella, L. et al.* (7 authors) 2008, A&A 483, 263. (1ao, 2aco, 5cdeh)
RR Pic	*Pec´on, Y., Balman, Ş.* 2008, MNRAS 388, 921. (2bcx, 5ceghi) A *Chandra* x-ray view.
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BE Psc	*Strassmeier, K.G. et al.* (4 authors) 2008, A&A 485, 233. (1ao, 2ao, 5ek) Study of chromospheric activity.
VV Pup	*Campbell, R.K. et al.* (5 authors) 2008, ApJ 678, 1304. (2dio) Cyclotron modelling.
V445 Pup	*Iijima, T., Nakanishi, H.* 2008, A&A 482, 865. (2co) Helium nova. *Kato, M. et al.* (4 authors) 2008, ApJ 684, 1366. (1aoi, 5ei) Modelling nova light curve of He WD.
V598 Pup (XMMSL1 J070542.7−381442)	*Read, A.M. et al.* (9 authors) 2008, A&A 482, L1. (2dx, 6b) New nova.
V4580 Sgr (SAX J1808.4−3658)	*Campana, S., Stella, L., Kenna, J.A.* 2008, ApJ 684, L99. (1x, 2x) Monitoring binary from decay to quiescence from 2005 outburst. *Jain, C., Dutta, A., Paul, B.* 2008, J. Ap. & Astron. 28, 197. (1x, 5b) Pulse timing analysis.
V4633 Sgr	*Lipkin, Y.M., Leibowitz, E.M.* 2008, MNRAS 387, 289. (1ao, 5abc) Time-resolved photometry - an asynchronous polar classical nova.
V5579 Sgr	2008, IAU Circ. 8937 (1acd, 2co, 4a, 6b) Balmer lines and magnitudes of new nova. 2008, IAU Circ. 8940 (1cd) Designation and magnitudes. 2008, IAU Circ. 8948 (2ci, 5g) Early spectral stage. 2008, IAU Circ. 8952 (2ci, 5g) Dramatic spectral changes.
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V1007 Sco (HD 152248)	*Mayer, P. et al.* (7 authors) 2008, A&A 481, 183. (1ao, 2ao, 5cde) Notes on several other binaries in the NGC 6231 cluster.
V1033 Sco (GRO J1655−40)	*Joinet, A., Kalemci, E., Senziani, F.* 2008, ApJ 679, 655. (2dx) Measured electron temperature of 30-40 keV during 2005 outburst. *Martin, R.G., Tout, C.A., Pringle, J.E.* 2008, MNRAS 387, 188. (5ij, 8acd) Alignment time-scale and evolutionary model.

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RY Sct	*Djurašević, G., Vince, I., Atanacković, O.* 2008, AJ 136, 767. (1b*, 5ij) Reanalysis of photometry supports existence of disk.
V479 Sct (LS 5039)	*Cerutti, B., Dubus, G., Henri, G.* 2008, A&A 488, 37. (2g, 8d) Study of pulsar wind in γ-ray binary. *Ribó, M. et al.* (5 authors) 2008, A&A 481, 17. VLBA radio imaging of γ-ray HMXB.
AS Ser	*Zhu, L.-Y., Qian, S.-B., Yang, Y.-G.* 2008, AJ 136, 337. (1ao, 5abc) Near-contact binary.
MT Ser	*Shimansky, V.V. et al.* (4 authors) 2008, AZh 85, 537. (2d, 5e) A binary blue subdwarf.
V711 Tau (HR 1099)	*Slee, O.B., Wilson, W., Ramsay, G.* 2008, Publ. Astron. Soc. Australia 25, 94. (1r, 3) Radiation mechanisms of highly polarised emission. (Erratum: ibid., 25, 154.)
V1213 Tau (HH 30)	*Tambovtseva, L.V., Grinin, V.P.* 2008, MNRAS 387, 1313. (4c, 5cj, 8abcd) Models of low-velocity disc winds.
KZ TrA (4U 1626−67)	*Jain, C. et al.* (5 authors) 2008, J. Ap. & Astron. 28, 175. (1x) Search for an orbital motion of this candidate for a NS with an AD. *Kaur, R. et al.* (4 authors) 2008, ApJ 676, 1184. (2dx) Study of long-term evolution of QPO's.
NR TrA	2008, IAU Circ. 8931 (1acd, 4a, 6b) Designation and magnitudes of new nova. 2008, IAU Circ. 8935 (1a) Brightening at V-magnitudes.
AN UMa	*Campbell, R.K. et al.* (5 authors) 2008, ApJ 678, 1304. (2di) Cyclotron modelling.
AW UMa	*Pribulla, T., Rucinski, S.M.* 2008, MNRAS 386, 377. (2ao, 5d) RV mapping shows star is not a contact binary as photometric solution suggests; model of detached system engulfed by optically thick circumstellar matter in equatorial plane proposed. *Yang, Y.* 2008, Ap&SS 314, 151. (1ao, 5bc) Analysis of new lc.
BE UMa	*Shimansky, V.V. et al.* (7 authors) 2008, AZh 85, 623. (1a, 2d, 5e) Revised fundamental parameters.
EI UMa	*Reimer, T.W. et al.* (4 authors) 2008, ApJ 678, 376. (1aox, 5i) Identified as a prepolar CV.
IY UMa	*Khruzina, T.S., Katysheva, N.A., Shugarov, S.Yu.* 2008, AZh 85, 906. (1b, 5b) AD of CV in quiescence and active state.
KL UMa (Feige 48)	*van Grootel, V. et al.* (4 authors) 2008, A&A 483, 875. Asteroseismological evidence for spin-orbit synchronism.
KV UMa (XTE J1118+480)	*Hernandez, J.I.G. et al.* (8 authors) 2008, ApJ 679, 654. (6bo) Chemical abundances of secondary used to identify likely origin site of BH.
RU UMi	*Lee, J.W. et al.* (6 authors) 2008, PASP 120, 720. (1ao, 2a*, 5abcdeg) Period changes due to mass transfer and magnetic braking.

BH Vir	*Tian, Y.-P., Xiang, F.-Y., Tao, X.* 2008, PASJ 60, 571. (5ab) Period variations.
Z Vul	*Ghoreyshi, S.M.R., Ghanbari, J., Salehi, F.* 2008, Ap&SS 314, 331. (1ao*, 2a*, 5e)
V407 Vul	*Dolence, J., Wood, M.A., Silver, I.* 2008, ApJ 683, 375. (8ab) SPH simulations of impact accretion on ultracompact AM CVn binaries.
V459 Vul	2008, IAU Circ. 8936 (2ci, 5g) Thermal emission from dust.

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

HR 1099	(see V711 Tau)
HD 8634	*Tokovinin, A.A., Gorynya, N.A.* 2008, Observatory 128, 89. (2a, 5d) Test case for orbit circularization.
HD 45166	*Groh, J.H., Oliveira, A.S., Steiner, J.E.* 2008, A&A 485, 245. (2ao, 8ab) A quasi-WR star.
HD 100213	(see TU Mus)
HD 152248	(see V1007 Sco)
HD 155555	*Dunstone, N.J. et al.* (8 authors) 2008, MNRAS 387, 481. (3b, 5abcdeg) First maps of the surface magnetic fields.
	Dunstone, N.J. et al. (8 authors) 2008, MNRAS 387, 1525. (3b, 5abcdegk) Surface differential rotation.
HD 159656	*Ramn, D.J.* 2008, MNRAS 387, 220. (1x*, 2a, 5bdef) Spectroscopic study.
HD 161084	*Miura, J. et al.* (7 authors) 2008, PASJ, 60, S49. (1x, 2dx) A suggestion of binarity with magnetic activity.
HD 171491 (NSV 24512)	*Çakirli, ́O. et al.* (5 authors) 2008, MNRAS 389, 205. (1ao, 2abc, 5abcdeg, 8ab) Photometric and spectroscopic study.
HD 222326	*Zhuchkov, R.Ya. et al.* (6 authors) 2008, AZh 85, 611. (2a, 5d) Physical and dynamical parameters of multiple system.
HDE 245814	*Griffin, R.F.* 2008, Observatory 128, 290. (2a, 5d)
HDE 260988	*Griffin, R.F.* 2008, Observatory 128, 290. (2a, 5d)
BD -22°5866	*Shkolnik, E. et al.* (7 authors) 2008, ApJ 682, 1248. (1a, 2ao, 5bcde) Quadruple-lined system with 2.2 d eclipsing binary.

X-ray sources with constellation names

Cyg X-1	(see V1357 Cyg)
Cyg X-2	(see V1341 Cyg)
Cyg X-3	(see V1521 Cyg)
Her X-1	(see HZ Her)

Objects with names including RA and DEC

IGR J00291+5934	*Jonker, P.G., Torres, M.A.P., Steeghs, D.* 2008, ApJ 680, 615. (2aix) Change in the quiescent base level.

XMMU J004814.1−731003	*Haberl, F. et al.* (5 authors) 2008, A&A 485, 177. (1x, 2x) HMXB in SMC.
XSS J00564+4548	*Butters, O.W. et al.* (5 authors) 2008, A&A 487, 271. (1x, 2x, 5i) Intermediate polar.
CXOU J010043.1−721134	*Tiengo, P., Esposito P., Mereghetti, S.* 2008, ApJ 680, L133. (1x, 2x) Observations of soft x-rays from magnetar in SMC.
XTE J0103−728	*Haberl, F., Pietsch, W.* 2008, A&A 484, 451. (1x, 2x) HMXB in SMC.
Suzaku J0105−72	*Takei, D. et al.* (7 authors) 2008, PASJ 60, S231. (2x, 6b) Discovery of a possible supersoft x-ray source in the SMC.
RX J0105.9−7203	*Eger, P., Haberl, F.* 2008, A&A 485, 807. (1x, 2x) HMXB in SMC.
2MASS J01542930+0053266	*Becker, A.C. et al.* (24 authors) 2008, MNRAS 386, 416. (1ao, 2abo, 5bcdg) New low-mass M0 V + M1 V EB; masses and radii derived, magnetic activity discussed.
IGR J01583+6713	*Ramanpreet, K. et al.* (4 authors) 2008, MNRAS 386, 2253. (1aox, 2abc, 5cdg, 6c) Multiwavelength study.
SDSS 031824−010018)	*Blake, C.H. et al.* (4 authors) 2008, ApJ 684, 635. (1ai, 2aoi, 5cd) LC/RV solution of newly discovered detached low mass binary.
2MASS J03202839−0446358	*Burgasser, A.J. et al.* (5 authors) 2008, ApJ 681, 579. (2c) Spectroscopic hints that this is a M8+T5 binary.
RX J0513.9−6951	*Burwitz, V. et al.* (7 authors) 2008, A&A 481, 193. (1ao*, 5j) Large variations in mass-transfer rate.
ASAS J052821+0338.5	*Stempels, H.C. et al.* (7 authors) 2008, A&A 481, 747. (1ao, 2ao, 5cde) Pre-main-sequence EB.
2MASS J05351113−0536511 (Par 1802)	*Stassun, K. G. et al.* (6 authors) 2008, Nature 453, 1079. (1ai, 2ao*, 5c-de) Very young EB, SB in Orion nebula.
4U 0614+091	(see V1055 Ori)
XMMSL1 J070542.7−381442	(see V598 Pup)
PSR J0737−3039A/B	*Breton, R. P. et al.* (10 authors) 2008, Science 321, 104. (8a) Relativistic spin precession in double pulsar.
	Kramer, M., Stairs, I.H. 2008, Ann. Rev. Astron. Astrophys. 46, 541. (1r, 2r, 5abcde) Two active radio pulsars in most relativistic binary ever found; extremely accurate system parameters provide best test of general relativity.
	Pellizzoni, A. et al. (5 authors) 2008, ApJ 679, 664. (2dx) Evidence of heating of PSR A's surface from PSR B's wind.
	Possenti, A. et al. (8 authors) 2008, ApJ 680, 654. (2dx) Soft x-ray emission from magnetosphere of one component.
RX J0806.3+1527	(see HM Cnc)
ASAS 083128+1953.1 (GSC 01387-00475)	*Rucinski, S.M., Pribulla, T.* 2008, MNRAS 388, 1831. (1aio, 2abc, 5ab-deg) Photometric and spectroscopic study.
XTE J1118+480	(see KV UMa)
SDSS J120841.96+355025.2	*Anderson, S.F. et al.* (22 authors) 2008, AJ 135, 2108. (2b, 6b) New AM CVn stars.
XSS J12270−4859	*Butters, O.W. et al.* (5 authors) 2008, A&A 487, 271. (1x, 2x, 5i) Possible intermediate polar.
1A 1246−588	*in't Zand, J.J.M. et al.* (6 authors) 2008, A&A 485, 183. (1x, 2x, 2ao, 5i) Ultracompact x-ray binary.
PSR B1259−63	*Bogovalov, S.V. et al.* (5 authors) 2008, MNRAS 387, 63. (1r*x*g*, 5c,

(SS 2883)	8abc) Modelling interaction of relativistic and non-relativistic winds. *Sierpowska-Bartosik, A., Bednarek, W.* 2008, MNRAS 385, 2279. (1g,8b) TeV γ-ray production modelled for pulsar + Be system.
Suzaku J1305−4931	*Isobe, N. et al.* (8 authors) 2008, PASJ 60, S241. (2x, 5i, 6b) Discovery of a transient ultraluminous x-ray source in NGC 4945.
2XMMp J131223.4+173659	*Vogel, J. et al.* (6 authors) 2008, A&A 485, 787. (1x, 1ao, 2bo, 6c, 5i) New AM Her.
SAX J1324−6200	*Mereghetti, S., Romano, P., Sidoli, L.* 2008, A&A 483, 249. (1x, 4ax, 5b) Swift observations. Likely a Be/NS binary.
CXOU J132518.2−430304	*Sivakoff, G.R. et al.* (17 authors) 2008, ApJ 677, L27. (2dx, 6b) Likely a LMXB in Cen A.
XMMU J134736.6+173403	*Carpano, S. et al.* (5 authors) 2008, A&A 480, 807. (2dx, 6bc) Eclipsing LMXB in quiescence or peculiar AGN?
SDSS J150722.30+523039.8	*Patterson, J., Thorstensen, J.R., Knigge, C.* 2008, PASP 120, 510. (1ao, 2ad, 4a, 5acde) CV in the galactic halo?
PSR B1516+02B	*Freire, P.C.C. et al.* (4 authors) 2008, ApJ 679, 1433. (2bo, 5ar) proper motion, measurement of mass of NS.
XTE J1550−564	(see V381 Nor)
1E 161348−5055	*Pizzolato, F. et al.* (5 authors) 2008, ApJ 681, 530. (8a) Does this magnetar have a dwarf binary companion?
4U 1626−67	(see KZ TrA)
SWIFT J1626.6−5156	*Reig, P. et al.* (6 authors) 2008, A&A 485, 797. (1x, 2x) Bright flares in HMXB.
2MASS J16271848−2429059 (WL 4 in ρ Oph)	*Plavchan, P. et al.* (4 authors) 2008, ApJ 684, L37. (1i*) Triple YSO system undergoing eclipses of disk.
IGR J16479−4514	*Romano, P. et al.* (9 authors) 2008, ApJ 680, L137. (1x, 2x) Monitoring supergiant fast x-ray transients. *Sguera, V. et al.* (9 authors) (1x, 5i) 2008, A&A 487, 619. Study of quiescent phase.
XTE J1650−500	*Gallo, E. et al.* (4 authors) 2008, ApJ 683, L51. (2x) The minimum luminosity of BHXRB's.
GRO J1655−40	(see V1033 Sco)
OAO 1657−415	*Barnstedt, J. et al.* (10 authors) 2008, A&A 486, 293. (1x, 2x, 5bi) Long term evolution.
PSR J1701−3006B	*Cocozza, G. et al.* (8 authors) 2008, ApJ 679, L105. (2bo) Optical companion identified.
IGR J17098−3628	*Chen, Y-.P., et al.* (8 authors) 2008, PASJ 60, 1173. (1gx, 2x, 4x) Suggestion of LMXB nature.
IGR J17195−4100	*Butters, O.W. et al.* (5 authors) 2008, A&A 487, 271. (1x, 2x, 5i) Possible intermediate polar.
1RXS J173021.5−055933	*de Martino, D. et al.* (11 authors) 2008, A&A 481, 149. (1auo, 2dx, 5gi) CV with a fast-spinning magnetic WD.
2MASS J17341721−1909229 (SS 73-90)	*Fekel, F.C. et al.* (5 authors) 2008, AJ 136, 146. (2ai, 3b*, 5de) Combined spectroscopic and polarimetric data give masses.
SLX 1737−282	*Falanga, M. et al.* (6 authors) 2008, A&A 484, 43. (1x, 5i) Burst analysis.
Swift J1753.5−0127	*Szkody, P. et al.* (11 authors) 2008, ApJ 682, L45. (2ox) Optical-x-ray cross correlation coefficient.

	Zurita, C. et al. (6 authors) 2008, ApJ 681, 1458. (2ox, 5b) Period determination for BH binary with shortest period, 3.2243 hr.
SWIFT J1756.9−2508	*Linares, M. et al.* (6 authors) 2008, ApJ 677, 515. (2dx) Classified as atoll source in extreme island state.
XTE J1807−294	*Chou, Y. et al.* (4 authors) 2008, ApJ 678, 1316. (2dx) Precise orbital parameters and anomolous phase variations.
	Riggio, A. et al. (7 authors) 2008, ApJ 678, 1273. (2dx) Precise estimate of spin frequency and spin up rate.
SAX J1808.4−3658	(see V4580 Sgr)
XTE J1817−330	*Gierliński, M., Done C., Page, K.* 2008, MNRAS 388, 753. (1x, 5cgi, 8a) X-ray irradiation and truncated disc model.
4U 1820−30	*Cackett, E.M. et al.* (8 authors) 2008, ApJ 677, 1233. (2cdx) Certain x-ray absorption lines probably originate in hot ISM.
XB 1832−330	*Sidoli, L. et al.* (4 authors) 2008, A&A 488, 249. (2x, 5h) Determination of abundance ratios.
4U 1901+03	*Chena, W. et al.* (5 authors) 2008, Chinese Astron. Ap. 32, 241. (1x) A systematic study of the pulse profile.
PSR J1903+0327	*Champion, D. J. et al.* (31 authors) 2008, Science 320, 1308. (1r, 1ai, 5e, 6b) Millisecond pulsar in eccentric orbit around main-sequence companion.
PSR B1913+16	*Clifton, T., Weisberg, J.M.* 2008, ApJ 679, 687. (8a) Simple model for pulse profiles of precessing pulsars.
GRS 1915+105	(see V1487 Aql)
X1916−053	(see V1405 Aql)
EXO 2030+375	(see V2246 Cyg)
SDSS J204739.40+000840.3	*Anderson, S.F. et al.* (22 authors) 2008, AJ 135, 2108. (2b, 6b) New AM CVn stars.
GRO J2058+42	Kiziloglu, U. et al. (5 authors) 2008, IBVS 5821. (1a, 2c) Increase in optical light.
SDSS J212531.92−010745.9	*Schuh, S. et al.* (9 authors) 2008, Astron. Nachr. 329, 376. (1ao,5b) New accurate period determination of close PG1159 binary.
4U 2129+47	(see V1727 Cyg)
SDSS J220553.98+115553.7	*Southworth, J., Townsley, D.M., Gänsicke, B.T.* 2008, MNRAS 388, 709. (1ao, 2abc, 5bcdeghi) Spectroscopic orbital period and search for pulsations.
AAVSO 2246+62 (GD 552)	*Unda-Sanzana, E. et al.* (10 authors) 2008, MNRAS 388, 889. (1ao, 2ab-ciu, 5cdeg, 8a) A CV with a brown dwarf mass-donor?
Swift J2319.4+2619	*Shafter, A.W. et al.* (6 authors) 2008, PASP 120, 374. (1ao, 5ab) Possible asynchronous polar.

Galactic objects with other designations

CS 22876-032	*González Hernández, J. I. et al.* (18 authors) 2008, A&A 480, 233. (2du, 5h) Extremely metal-poor dwarfs in double-lined SB.
Cyg OB2	*Kiminki, D.C., McSwain, M.V., Kobulnicky, H.A.* 2008, ApJ 679, 1478. (2do, 6b) Discovery of three new massive binaries in the Cyg OB2 association.

Cyg OB2 #9	*Nazé, Y. et al.* (4 authors) 2008, A&A 483, 543. (2aco) Binary signature in non-thermal radio-emitter. *van Loo, S. et al.* (4 authors) 2008, A&A 483, 585. (4cr*) A wind-colliding binary?
Feige 48	(see KL UMa)
GD 552	(see AAVSO 2246+62)
GSC 01387-00475	(see ASAS 083128+1953.1)
GSC 01874-00399	Samec, R.G. et al. (5 authors) 2008, IBVS 5849. (1a, 5c, 6b) Cool dwarf interacting EB.
GSC 04550-01408	*Dimitrov, D., Kraicheva, Z., Popov, V.* 2008, IBVS 5842. (1ab, 2a, 5cd) Short-period oscillations in Algol-type system.
GSC 2.3 N32O092280	*Capezzali, D., Fiorucci, M., Spogli, C.* 2008, IBVS 5824. (1a, 5bc, 6bd) New W UMa system discovered in Vul.
GX 339-4	(see V821 Ara)
Haro 1-14c	*Schaefer, G.H. et al.* (4 authors) 2008, AJ 135, 1659. (2ao, 4c, 5de) Pre-main-sequence SB resolved.
HH 30	(see V1213 Tau)
LS 5039	(see V479 Sct)
LS I +61°303	(see V615 Cas)
M 53	*Beccari, G. et al.* (27 authors) 2008, ApJ 679, 712. (6b) Discovery of nearly 200 blue stragglers.
MWC 314	(see V1429 Aql)
NGC 6397 v32	*Kaluzny, J. et al.* (4 authors) 2008, AJ 136, 400. (1ao, 2ao, 5d) Eccentric main-sequence binary in globular cluster shows very shallow eclipse.
NSV 24512	(see HD 171491)
Par 1802	(see 2MASS J05351113−0536511)
SS 2883	(see PSR B 1259−63)
SS 433	(see V1343 Aql)
SS 73-90	(see 2MASS J17341721−1909229)
WL 4 in ρ Oph	(see 2MASS J16271848−2429059)
WR 20a	*Nazé, Y., Rauw, G., Manfroid, J.* 2008, A&A 483, 171. (2dx) Massive colliding-wind binary. *Tutukov, A.V., Fedorova, A.V., Cherepashchuk, A.M.* 2008, AZh 85, 728. (8c) Evolution of the components of CB.

Extragalactic close binaries with other designations

BAT99-129	*Antokhin, I.I., Cherepashchuk, A.M.* 2007, AZh 84, 542. (1b, 5c) LC analysis and component parameters of WN3(h)+O5V LMC EB.
IC 10 X-1	*Silverman, J.M., Filippenko, A.V.* 2008, ApJ 678, L17. (2cdo, 5e) Reconfirmed as the most massive stellar-mass BH.
LH 54-425	*Williams, S.J. et al.* (8 authors) 2008, ApJ 682, 492. (1ao, 2ao, 5cdf) Solution of LMC massive binary.
M33 X-7	*Liu, J. et al.* (5 authors) 2008, ApJ 679, L37. (2dx) Precise measurement of spin parameter.
M82 X-1	*Casella, P. et al.* (6 authors) 2008, MNRAS 387, 1707. (1x*, 5cegi, 8a) New method to estimate the mass of BHs in ultraluminous x-ray sources.

NGC 1313 X-2	*Grisé, F. et al.* (7 authors) 2008, A&A 486, 151. (1ao, 6c, 5i) Optical counterpart study.
NGC 4038/4039	*Clark, D.M. et al.* (10 authors) 2008, ApJ 678, 798. (1io, 2dx) First estimate of x-ray binary frequency as a function of star cluster mass.
NGC 5408 X-1	*Casella, P. et al.* (6 authors) 2008, MNRAS 387, 1707. (1x*, 5cegi, 8a) New method to estimate the mass of BHs in ultraluminous x-ray sources.
SNIa 2007sr	*Nelemans, G. et al.* (4 authors) 2008, MNRAS 388, 487. (1ao*u*x*, 5cdeg) Limits on the x-ray and optical luminosity.
SXP327	*Coe, M.J. et al.* (7 authors) 2008, MNRAS 387, 724. (1aox, 5bcg, 6c, 8b) Optical and x-ray study of SMC x-ray binary.

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Babkovskaia, N., Brandenburg, A., Poutanen, J. 2008, MNRAS 386, 1038. Boundary layer on the surface of a neutron star.

Banerjee, S., and Ghosh, P. 2008, ApJ 680, 1438. Evolution of compact binary populations in globular clusters. (8)

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Chaty, S. et al. (6 authors) 2008, A&A 484, 783. Multi-wavelength observations of galactic hard x-ray sources discovered by INTEGRAL. I. The nature of the companion star.

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