

Konstantin A Postnov

List of Publications by Year in descending order

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197
papers

4,437
citations

109321

35
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144013

57
g-index

203
all docs

203
docs citations

203
times ranked

3204
citing authors

#	ARTICLE	IF	CITATIONS
1	The Evolution of Compact Binary Star Systems. Living Reviews in Relativity, 2014, 17, 3.	26.7	319
2	Theory of quasi-spherical accretion in X-ray pulsars. Monthly Notices of the Royal Astronomical Society, 2012, 420, 216-236.	4.4	184
3	Cyclotron lines in highly magnetized neutron stars. Astronomy and Astrophysics, 2019, 622, A61.	5.1	150
4	Formation and coalescence of relativistic binary stars: the effect of kick velocity. Monthly Notices of the Royal Astronomical Society, 1997, 288, 245-259.	4.4	135
5	Gravitational wave astronomy: in anticipation of first sources to be detected. Physics-Uspexhi, 2001, 44, 1-51.	2.2	134
6	Discovery of a flux-related change of the cyclotron line energy in Hercules X-1. Astronomy and Astrophysics, 2007, 465, L25-L28.	5.1	125
7	Solving puzzles of GW150914 by primordial black holes. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 036-036.	5.4	105
8	The Evolution of Compact Binary Star Systems. Living Reviews in Relativity, 2006, 9, 6.	26.7	97
9	A hard X-ray survey of the Sagittarius Arm tangent with the IBIS telescope of the INTEGRAL observatory: A catalog of sources. Astronomy Letters, 2004, 30, 534-539.	1.0	73
10	Parkes Pulsar Timing Array constraints on ultralight scalar-field dark matter. Physical Review D, 2018, 98, .	4.7	72
11	Observing gravitational wave bursts in pulsar timing measurements. Monthly Notices of the Royal Astronomical Society, 2010, 402, 417-423.	4.4	69
12	First LIGO events: binary black holes mergings. New Astronomy, 1997, 2, 43-52.	1.8	64
13	Gamma-ray bursts as standard-energy explosions. Astronomy Reports, 2001, 45, 236-240.	0.9	64
14	Quenching of the strong aperiodic accretion disk variability at the magnetospheric boundary. Astronomy and Astrophysics, 2009, 507, 1211-1215.	5.1	64
15	First tidal disruption events discovered by <i>SRG/eROSITA</i> : X-ray/optical properties and X-ray luminosity function at $z < 0.6$. Monthly Notices of the Royal Astronomical Society, 2021, 508, 3820-3847.	4.4	64
16	INTEGRAL observations of Hercules X-1. Astronomy and Astrophysics, 2008, 482, 907-915.	5.1	61
17	Bright flares in supergiant fast X-ray transients. Monthly Notices of the Royal Astronomical Society, 2014, 442, 2325-2330.	4.4	59
18	INTEGRAL observations of SS433: Results of a coordinated campaign. Astronomy and Astrophysics, 2005, 437, 561-573.	5.1	58

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19	Evolution of the Double Neutron Star Merging Rate and the Cosmological Origin of Gamma-Ray Burst Sources. <i>Astrophysical Journal</i> , 1995, 454, 593.	4.5	56
20	Constraints on ultralight scalar dark matter from pulsar timing. <i>Physical Review D</i> , 2014, 90, .	4.7	55
21	Fast radio bursts. <i>Physics-Usppekhi</i> , 2018, 61, 965-979.	2.2	48
22	On the dependence of the X-ray continuum variations with luminosity in accreting X-ray pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 1601-1611.	4.4	47
23	Population synthesis for symbiotic X-ray binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 424, 2265-2275.	4.4	46
24	Antimatter and antistars in the Universe and in the Galaxy. <i>Physical Review D</i> , 2015, 92, .	4.7	45
25	Long-term change in the cyclotron line energy in Hercules X-1. <i>Astronomy and Astrophysics</i> , 2014, 572, A119.	5.1	44
26	Advances in Understanding High-Mass X-ray Binaries with INTEGRAL and Future Directions. <i>New Astronomy Reviews</i> , 2019, 86, 101546.	12.8	43
27	Spin period evolution of GX 41+4. <i>Astronomy and Astrophysics</i> , 2012, 537, A66.	5.1	42
28	On the nature of $\tilde{\nu}$ states in slowly rotating low-luminosity X-ray pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 428, 670-677.	4.4	42
29	Binary Radiopulsars with Black Holes. <i>Astrophysical Journal</i> , 1994, 423, L121.	4.5	41
30	Eccentric accretion discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 1994, 266, 583-596.	4.4	40
31	Radio precursors to neutron star binary mergings. <i>Astrophysics and Space Science</i> , 2010, 330, 13-18.	1.4	39
32	Luminosity-dependent changes of the cyclotron line energy and spectral hardness in Cepheus X-4. <i>Astronomy and Astrophysics</i> , 2017, 601, A126.	5.1	37
33	The pre-outburst flare of the A 0535+26 August/September 2005 outburst. <i>Astronomy and Astrophysics</i> , 2008, 480, L17-L20.	5.1	36
34	Description of the "Scenario Machine". <i>Astronomy Reports</i> , 2009, 53, 915-940.	0.9	36
35	On the nature of the break in the X-ray luminosity function of low-mass X-ray binaries. <i>Astronomy and Astrophysics</i> , 2011, 526, A94.	5.1	35
36	A propelling neutron star in the enigmatic Be-star $\hat{\nu}$ Cassiopeia. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 0, , .	3.3	35

#	ARTICLE	IF	CITATIONS
37	Pulse phase and precession phase resolved spectroscopy of Hercules X-1: studying a representative Main-On with RXTE. <i>Astronomy and Astrophysics</i> , 2013, 550, A111.	5.1	34
38	The 1999 Hercules X-ray Anomalous Low State. <i>Astrophysical Journal</i> , 2000, 543, 351-358.	4.5	33
39	Variable neutron star free precession in Hercules X-1 from evolution of RXTE X-ray pulse profiles with phase of the 35-d cycle. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 1147-1164.	4.4	32
40	Evolution of Supernova Explosion Rates in the Universe. <i>Astrophysical Journal</i> , 1997, 486, 110-116.	4.5	31
41	Discovery and modelling of a flattening of the positive cyclotron line/luminosity relation in GX 304+1 with RXTE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 2752-2779.	4.4	31
42	Limits on the speed of gravitational waves from pulsar timing. <i>Physical Review D</i> , 2008, 78, .	4.7	30
43	Variable pulse profiles of Hercules X-1 repeating with the same irregular 35-d clock as the turn-ons. <i>Astronomy and Astrophysics</i> , 2013, 550, A110.	5.1	30
44	Wind-accreting symbiotic X-ray binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 851-860.	4.4	29
45	The appearance of magnetospheric instability in flaring activity at the onset of X-ray outbursts in A0535+26. <i>Astronomy and Astrophysics</i> , 2008, 480, L21-L24.	5.1	28
46	RXTE highlights of the 34.85-day cycle of Her X-1. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 300, 992-998.	4.4	28
47	Cosmic gamma-ray bursts. <i>Physics-Usppekhi</i> , 1999, 42, 469-480.	2.2	27
48	Discovery of a hot ultramassive rapidly rotating DBA white dwarf. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 499, L21-L25.	3.3	27
49	Galactic Binary Gravitational Wave Noise within the LISA Frequency Band. <i>Astrophysical Journal</i> , 1998, 494, 674-679.	4.5	27
50	Transient Double-Beam Spectrograph for the 2.5-m Telescope of the Caucasus Mountain Observatory of SAI MSU. <i>Astronomy Letters</i> , 2020, 46, 836-854.	1.0	27
51	Spin-up/spin-down of neutron star in Be-X-ray binary system GX 304-1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 1013-1019.	4.4	26
52	Black hole spins in coalescing binary black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 3288-3306.	4.4	26
53	The joint evolution of normal and compact magnetized stars in close binaries: Analytical description and statistical simulation. <i>Astrophysics and Space Science</i> , 1988, 145, 1-45.	1.4	25
54	Constraints on Massive-Graviton Dark Matter from Pulsar Timing and Precision Astrometry. <i>Physical Review Letters</i> , 2008, 101, 261101.	7.8	25

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55	Monte Carlo simulations of the broad-band X-ray continuum of SS433. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 394, 1674-1684.	4.4	25
56	X-ray emission from magnetized neutron star atmospheres at low mass-accretion rates. I. Phase-averaged spectrum. <i>Astronomy and Astrophysics</i> , 0, , .	5.1	25
57	The universal luminosity function of binary X-ray sources in galaxies. <i>Astronomy Letters</i> , 2003, 29, 372-373.	1.0	24
58	On the possible observational manifestation of the impact of a supernova shock on the neutron star magnetosphere. <i>Astronomy Letters</i> , 2009, 35, 241-246.	1.0	24
59	INTEGRAL observations of SS433: system's parameters and nutation of supercritical accretion disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 2004-2013.	4.4	24
60	Observational manifestations of the change in the tilt of the accretion disk to the orbital plane in her X-1/Her with phase of its 35-day period. <i>Astronomy Letters</i> , 2006, 32, 804-815.	1.0	23
61	Diagnostics of SS433 with the RXTE. <i>Astronomy and Astrophysics</i> , 2006, 460, 125-131.	5.1	22
62	Quasispherical subsonic accretion in X-ray pulsars. <i>Physics-Usppekhi</i> , 2013, 56, 321-346.	2.2	22
63	Probing the outer edge of an accretion disk: a Her X-1 turn-on observed with RXTE. <i>Astronomy and Astrophysics</i> , 2005, 443, 753-767.	5.1	21
64	Two ~35-day clocks in Hercules X-1: evidence for neutron star free precession. <i>Astronomy and Astrophysics</i> , 2009, 494, 1025-1030.	5.1	21
65	Evidence of Fermi bubbles around M31. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016, 459, L76-L80.	3.3	21
66	AX J1910.7+0917: the slowest X-ray pulsar. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 3056-3061.	4.4	21
67	On masses of the components in SS433. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 4844-4848.	4.4	21
68	Broad band variability of SS433: accretion disk at work?. <i>Astronomy and Astrophysics</i> , 2006, 447, 545-551.	5.1	20
69	A mini-supernova model for optical afterglows of gamma-ray bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 293, L29-L32.	4.4	19
70	Neutron stars in globular clusters: Formation and observational manifestations. <i>Astronomy Letters</i> , 2006, 32, 393-405.	1.0	19
71	NuSTAR observations of the supergiant X-ray pulsar IGR J18027-2016: accretion from the stellar wind and possible cyclotron absorption line. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 593-599.	4.4	19
72	The luminosity function of low-mass X-ray binaries in galaxies. <i>Astronomy Letters</i> , 2005, 31, 7-14.	1.0	18

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73	THE 5 hr PULSE PERIOD AND BROADBAND SPECTRUM OF THE SYMBIOTIC X-RAY BINARY 3A 1954+319. <i>Astrophysical Journal Letters</i> , 2011, 742, L11.	8.3	18
74	SS433: A massive X-ray binary in an advanced evolutionary stage. <i>New Astronomy Reviews</i> , 2020, 89, 101542.	12.8	18
75	Discovery of orbital eccentricity and evidence for orbital period increase of SS433. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021, 507, L19-L23.	3.3	18
76	Continuous monitoring of pulse period variations in Hercules X-1 using <i>Swift/BAT</i> . <i>Astronomy and Astrophysics</i> , 2009, 506, 1261-1267.	5.1	18
77	INTEGRAL observations of SS433, a supercritically accreting microquasar with hard spectrum. <i>Astronomy and Astrophysics</i> , 2003, 411, L441-L445.	5.1	17
78	Pulsar spin-velocity alignment from single and binary neutron star progenitors. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 395, 2087-2094.	4.4	17
79	The Galactic LMXB Population and the Galactic Centre Region. <i>New Astronomy Reviews</i> , 2020, 88, 101536.	12.8	17
80	Why the mean mass of primordial black hole distribution is close to $10 M_{\odot}$. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 063-063.	5.4	17
81	Peculiar nature of hard X-ray eclipse in SS433 from <i>INTEGRAL</i> observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 397, 479-487.	4.4	16
82	XIPE: the x-ray imaging polarimetry explorer. , 2016, , .		16
83	Globular cluster seeding by primordial black hole population. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 036-036.	5.4	16
84	Mass ratio in SS433 revisited. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 2638-2641.	4.4	16
85	Spins of black holes in coalescing compact binaries. <i>Physics-Uspexhi</i> , 2019, 62, 1153-1161.	2.2	16
86	Gravitational wave background from coalescing compact stars in eccentric orbits. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 327, 531-537.	4.4	15
87	Symbiotic X-ray binaries systems in the galaxy. <i>Astronomy Letters</i> , 2015, 41, 114-127.	1.0	15
88	3D modelling of accretion disc in eclipsing binary system V1239 Her. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 467, 2934-2942.	4.4	15
89	<i>XMM-Newton</i> spectroscopy of the accreting magnetar candidate 4U0114+65. <i>Astronomy and Astrophysics</i> , 2017, 606, A145.	5.1	15
90	First simultaneous X-ray and optical observations of rapid variability of supercritical accretor SS433. <i>Astronomy and Astrophysics</i> , 2004, 424, L5-L8.	5.1	15

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91	Masses of stellar black holes and testing theories of gravitation. <i>Astronomy Reports</i> , 2003, 47, 989-999.	0.9	14
92	Pulsar motion effect and Geminga's high braking index. <i>Nature</i> , 1993, 366, 663-665.	27.8	13
93	On properties of Velikhovâ€™Chandrasekhar MRI in ideal and non-ideal plasma. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 448, 3697-3706.	4.4	13
94	Rapidly rotating neutron star progenitors. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 1642-1650.	4.4	13
95	Wind accretion: Theory and observations. <i>Astronomy Reports</i> , 2015, 59, 645-655.	0.9	12
96	<i>INTEGRAL</i> study of temporal properties of bright flares in Supergiant Fast X-ray Transients. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 3693-3701.	4.4	12
97	eROSITA calibration and performance verification phase: High-mass X-ray binaries in the Magellanic Clouds. <i>Astronomy and Astrophysics</i> , 2022, 661, A25.	5.1	12
98	Population Synthesis of X-Ray Sources at the Galactic Center. <i>Astrophysical Journal</i> , 1996, 466, 234.	4.5	12
99	Population Synthesis of Ultraluminous X-ray Sources with Magnetized Neutron Stars. <i>Astronomy Letters</i> , 2020, 46, 658-676.	1.0	12
100	Accretion spin-up of low-magnetic neutron stars. <i>Astrophysics and Space Science</i> , 1984, 106, 103-115.	1.4	11
101	Quasi-periodic flares in EXOâ€™2030+375 observed with INTEGRAL. <i>Astronomy and Astrophysics</i> , 2011, 536, L8.	5.1	11
102	<i>Swift</i>/BAT measurements of the cyclotron line energy decay in the accreting neutron star Hercules X-1: indication of an evolution of the magnetic field?. <i>Astronomy and Astrophysics</i> , 2015, 578, A88.	5.1	11
103	Optical Spectroscopy of SRG/eROSITA Objects with 2.5-m Telescope at the Caucasus Mountain Observatory of the SAI MSU. <i>Astronomy Letters</i> , 2020, 46, 429-438.	1.0	11
104	Neutron star spinâ€™kick velocity correlation effect on binary neutron star coalescence rates and spinâ€™orbit misalignment of the components. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 384, 1393-1398.	4.4	10
105	Electromagnetic radiation accompanying gravitational waves from black hole binaries. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 018-018.	5.4	10
106	A search for the presence of magnetic fields in the two supergiant fast X-ray transients, IGRâ€™J08408â€™4503 and IGRâ€™J11215â€™5952. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 474, L27-L31.	4.8	10
107	Supergiant Fast X-ray Transients uncovered by the EXTraS project: flares reveal the development of magnetospheric instability in accreting neutron stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 420-434.	4.4	10
108	<i>NuSTAR</i> observation of the supergiant fast X-ray transient IGR J11215â€™5952 during its 2017 outburst. <i>Astronomy and Astrophysics</i> , 2020, 638, A71.	5.1	10

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109	Theory of wind accretion. EPJ Web of Conferences, 2014, 64, 02001.	0.3	10
110	The relation between the observed mass distribution for compact stars and the mechanism for supernova explosions. Astronomy Reports, 2001, 45, 899-907.	0.9	9
111	On the dynamical formation of accreting intermediate mass black holes. Monthly Notices of the Royal Astronomical Society, 2007, 377, 835-842.	4.4	9
112	The LOFT mission concept: a status update. Proceedings of SPIE, 2016, , .	0.8	9
113	Convection in axially symmetric accretion discs with microscopic transport coefficients. Monthly Notices of the Royal Astronomical Society, 2017, 464, 410-417.	4.4	9
114	The Caucasian Mountain Observatory of the Sternberg Astronomical Institute: First Six Years of Operation. , 2020, , .		9
115	A viscous convective instability in laminar Keplerian thin discs II. Anelastic approximation. Monthly Notices of the Royal Astronomical Society, 2015, 451, 3995-4004.	4.4	8
116	Settling accretion on to isolated neutron stars from interstellar medium. Monthly Notices of the Royal Astronomical Society, 2015, 447, 2817-2820.	4.4	8
117	NuSTAR rules out a cyclotron line in the accreting magnetar candidate 4U2206+54. Monthly Notices of the Royal Astronomical Society, 2018, 479, 3366-3372.	4.4	8
118	Quasi-Spherical Subsonic Accretion onto Magnetized Neutron Stars. Astrophysics and Space Science Library, 2018, , 331-392.	2.7	8
119	X-ray variability of the HMXB Cen X-3: evidence for inhomogeneous accretion flows. Monthly Notices of the Royal Astronomical Society, 2021, 501, 5892-5909.	4.4	8
120	Wolf-Rayet stars and cosmic gamma-ray bursts. Astronomy Reports, 2001, 45, 517-526.	0.9	7
121	ALGORITHMS FOR SEARCHING FOR GAMMA-GRAVITY CORRELATIONS. Astronomical and Astrophysical Transactions, 2003, 22, 557-578.	0.2	7
122	On the constraining observations of the dark GRB 001109 and the properties of $z = 0.398$ radio selected starburst galaxy contained in its error box. Astronomy and Astrophysics, 2004, 424, 833-839.	5.1	7
123	Long-term developments in Her X-1: Correlation between the histories of the 35 day turn-on cycle and the 1.24 sec pulse period. AIP Conference Proceedings, 2006, , .	0.4	7
124	A viscous instability in axially symmetric laminar shear flows. Monthly Notices of the Royal Astronomical Society, 2015, 448, 3707-3717.	4.4	7
125	Stellar evolution, GRB and their hosts. Astronomy and Astrophysics, 1999, 138, 517-518.	2.1	7
126	Do we see accreting magnetars in X-ray pulsars?. EPJ Web of Conferences, 2014, 64, 02002.	0.3	7

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127	Galactic population of black holes in detached binaries with low-mass stripped helium stars: the case of LB-1 (LSAV+2225). Monthly Notices of the Royal Astronomical Society: Letters, 2020, 496, L6-L10.	3.3	7
128	Formation of low-mass X-ray novae with black holes from triple systems. Astronomy Reports, 2001, 45, 620-630.	0.9	6
129	X-ray emission lines in the early afterglows of gamma-ray bursts. Astronomy Letters, 2003, 29, 205-213.	1.0	6
130	A study of the X-ray pulsars X1845-024 and XTE J1858+034 based on INTEGRAL observations. Astronomy Reports, 2008, 52, 138-151.	0.9	6
131	Cosmological rates of coalescing neutron stars and GRB. Astrophysics and Space Science, 1995, 231, 389-392.	1.4	5
132	Time-dependent thermal effects in GRB afterglows. Nuclear Physics, Section B, Proceedings Supplements, 2004, 132, 327-330.	0.4	5
133	Modeling the luminosity function of galactic low-mass X-ray binaries. Astronomy Letters, 2014, 40, 29-45.	1.0	5
134	Fast radio bursts: Superpulsars, magnetars, or something else?. International Journal of Modern Physics D, 2018, 27, 1844016.	2.1	5
135	Evidence of Compton cooling during an X-ray flare supports a neutron star nature of the compact object in 4U1700+37. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 473, L74-L78.	3.3	5
136	Possible Electromagnetic Phenomena during the Coalescence of Neutron Star-Black Hole Binary Systems. Astronomy Letters, 2019, 45, 728-739.	1.0	5
137	Accretion processes in astrophysics. Physics-Uspokhi, 2019, 62, 1126-1135.	2.2	5
138	RXTE highlights of the 34.85-day cycle of Her X-1. Monthly Notices of the Royal Astronomical Society, 1998, 300, 992-998.	4.4	5
139	The Death of Compact Binary Stars. Astrophysics and Space Science, 1997, 252, 401-413.	1.4	4
140	Modelling of 35-d superorbital cycle of B and V light curves of IMXB HZ Her/Her X-1. Monthly Notices of the Royal Astronomical Society, 2020, 499, 1747-1757.	4.4	4
141	Peculiar X-ray transient SRGA J043520.9+552226/AT2019wey discovered with SRG/ART-XC. Astronomy and Astrophysics, 2022, 661, A32.	5.1	4
142	Optical Spectroscopy of Quasars Discovered by SRG/eROSITA with a 2.5-m Telescope at the Caucasus Mountain Observatory of SAI MSU. Astronomy Letters, 2021, 47, 661-673.	1.0	4
143	Analysis of the spatial distribution of gamma-ray bursts in their host galaxies. Astronomy Letters, 2005, 31, 365-374.	1.0	3
144	Thermal emission in gamma-ray burst afterglows. Monthly Notices of the Royal Astronomical Society, 2013, 432, 2454-2462.	4.4	3

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145	Observations of Her X-1 in low states during SRG/eROSITA all-sky survey. <i>Astronomy and Astrophysics</i> , 2021, 648, A39.	5.1	3
146	Detecting the intrinsic X-ray emission from the O-type donor star and the residual accretion in a supergiant fast X-ray transient in its faintest state. <i>Astronomy and Astrophysics</i> , 0, , .	5.1	3
147	<i>Chandra</i> X-ray study confirms that the magnetic standard Ap star KQ Vel hosts a neutron star companion. <i>Astronomy and Astrophysics</i> , 2020, 641, L8.	5.1	3
148	Evidence for neutron star triaxial free precession in Her X-1 from <i>Fermi</i>/GBM pulse period measurements. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 3359-3367.	4.4	3
149	Broadband gravitational-wave pulses from binary neutron stars in eccentric orbits. <i>Astronomy Letters</i> , 2002, 28, 143-149.	1.0	2
150	Heating of the circumstellar medium by gamma-ray burst prompt emission. <i>Astronomy Letters</i> , 2010, 36, 687-706.	1.0	2
151	Progenitors of binary black hole mergers detected by LIGO. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 118-125.	0.0	2
152	On the Properties of Velikhov-Chandrasekhar MRI in Ideal and Non-ideal Plasmas. <i>Astrophysics and Space Science Library</i> , 2018, , 393-416.	2.7	2
153	On the nature of the binary radio pulsar PSR B0042-73 in the small magellanic cloud. <i>Astrophysical Journal</i> , 1995, 441, 776.	4.5	2
154	Populations of Ultraluminous X-ray Sources in Galaxies: Origin and Evolution. <i>Astronomy Letters</i> , 2021, 47, 831-855.	1.0	2
155	Optical Monitoring of SS 433 in 2017â€“2021. <i>Astronomy Reports</i> , 2022, 66, 451-465.	0.9	2
156	The distribution of old neutron stars in the galaxy. <i>Astronomical and Astrophysical Transactions</i> , 1993, 4, 81-89.	0.2	1
157	Tests for coalescing binary neutron stars as cosmological origin of gamma-ray bursts. <i>Space Science Reviews</i> , 1995, 74, 369-372.	8.1	1
158	Stellar Evolution and the Cosmological Supernovae Rates. <i>Astrophysics and Space Science</i> , 1999, 265, 51-54.	1.4	1
159	Magnetic fields of coalescing neutron stars and the luminosity function of short gamma-ray bursts. <i>Astronomy Letters</i> , 2009, 35, 816-827.	1.0	1
160	Jets, corona and accretion disk in the black hole source SS433: Monteâ€“Carlo simulations. , 2010, , .		1
161	Monte Carlo simulations of X-ray continuum of SS433. , 2010, , .		1
162	Fermi bubbles around the M31 galaxy. <i>EPJ Web of Conferences</i> , 2016, 125, 03010.	0.3	1

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163	Mathematical modeling of inclined accretion disks in cataclysmic variables. Journal of Physics: Conference Series, 2020, 1640, 012024.	0.4	1
164	Galactic Binary Gravitational Wave Noise within the LISA Frequency Band. Astrophysical Journal, 1998, 502, 498-498.	4.5	1
165	Wind accretion in symbiotic X-ray binaries. , 2011, , .		1
166	Spin period evolution of GX 1+4. , 2011, , .		1
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