Sergey S Tsygankov

List of Publications by Year
in descending order

113	3,700	117625	149698
papers	citations	34 h-index	56 g-index

113	113	113	2312
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	SRG/ART-XC, Swift, NICER, and NuSTAR study of different states of the transient X-ray pulsar MAXI J0903â€“531. Astronomy and Astrophysics, 2022, 661, A45.	5.1	4
2	Broad-band analysis of X-ray pulsar 2S 1845â€“024. Astronomy and Astrophysics, 2022, 657, A58.	5.1	3
3	Losing a minute every two years: SRG X-ray view of the rapidly accelerating X-ray pulsar SXP 1323. Astronomy and Astrophysics, 2022, 661, A33.	5.1	3
4	INTEGRAL/IBIS 17-yr hard X-ray all-sky survey. Monthly Notices of the Royal Astronomical Society, 2022, 510, 4796-4807.	4.4	22
5	Black hole spinâ€“orbit misalignment in the x-ray binary MAXIÂJ1820+070. Science, 2022, 375, 874-876.	12.6	19
6	SRG/ART-XC discovery of SRGA J204318.2+443815: Towards the complete population of faint X-ray pulsars. Astronomy and Astrophysics, 2022, 661, A28.	5.1	5
7	Discovery of a pulse-phase-transient cyclotron line in the X-ray pulsar Swiftâ€‰J1808.4â^'1754 and identification of an optical companion. Monthly Notices of the Royal Astronomical Society, 2022, 514, 2707-2715.	4.4	6
8	Constraints on the magnetic field structure in accreting compact objects from aperiodic variability. Monthly Notices of the Royal Astronomical Society, 2022, 515, 571-580.	4.4	11
9	Neutron star parameter constraints for accretion-powered millisecond pulsars from the simulated IXPE data. Astronomy and Astrophysics, 2021, 646, A23.	5.1	5
10	SGR 0755â^'2933: a new high-mass X-ray binary with the wrong name. Astronomy and Astrophysics, 2021, 647, A165.	5.1	18
11	The X-Ray Pulsar XTE J1858+034 Observed with NuSTAR and Fermi/GBM: Spectral and Timing Characterization plus a Cyclotron Line. Astrophysical Journal, 2021, 909, 153.	4.5	7
12	X-Ray Pulsar XTE J1858+034: Discovery of the Cyclotron Line and the Revised Optical Identification. Astrophysical Journal, 2021, 909, 154.	4.5	11
13	Spectrum formation in X-ray pulsars at very low mass accretion rate: Monte Carlo approach. Monthly Notices of the Royal Astronomical Society, 2021, 503, 5193-5203.	4.4	27
14	SRG/ART-XC and NuSTAR Observations of the X-Ray pulsar GRO J1008â€“57 in the Lowest Luminosity State. Astrophysical Journal, 2021, 912, 17.	4.5	15
15	Multiwavelength monitoring and reverberation mapping of a changing look event in the Seyfert galaxy NGCÂ3516. Monthly Notices of the Royal Astronomical Society, 2021, 505, 1029-1045.	4.4	18
16	15 years of galactic surveys and hard X-ray background measurements. New Astronomy Reviews, 2021, 92, 101612.	12.8	10
17	Discovery of the 5 keV Cyclotron Line Followed by Three Harmonics in Swift J1626.6-5156. Astrophysical Journal Letters, 2021, 915, L27.	8.3	16
18	Multi-Wavelength Properties of the 2021 Periastron Passage of PSR B1259-63. Universe, 2021, 7, 242.	2.5	12

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19	Pulsating iron spectral features in the emission of X-ray pulsar VÂ0332+53. Monthly Notices of the Royal Astronomical Society, 2021, 506, 2156-2169.	4.4	6
20	Spectral evolution of X-ray pulsar 4U 1901+03 during the 2019 outburst based on Insight-HXMT and NuSTAR observations. Astronomy and Astrophysics, 2021, 652, A89.	5.1	0
21	Pulsating ULXs: large pulsed fraction excludes strong beaming. Monthly Notices of the Royal Astronomical Society, 2021, 501, 2424-2429.	4.4	32
22	Study of the X-ray Pulsar XTE J1946+274 with NuSTAR. Astronomy Letters, 2021, 47, 390-401.	1.0	4
23	On the nature of the X-ray pulsar XTEâ€‰J1859+083 and its broad-band properties. Monthly Notices of the Royal Astronomical Society, 2021, 509, 5955-5963.	4.4	5
24	Time domain astronomy with the THESEUS satellite. Experimental Astronomy, 2021, 52, 309-406.	3.7	7
25	Physical modelling of viscous disc evolution around magnetized neutron star. Aql X-1 2013 outburst decay. Monthly Notices of the Royal Astronomical Society, 2021, 510, 1837-1856.	4.4	7
26	A flare in the optical spotted in the changing-look Seyfert NGC 3516. Astronomy and Astrophysics, 2020, 638, A13.	5.1	21
27	ATÂ2017gbl: a dust obscured TDE candidate in a luminous infrared galaxy. Monthly Notices of the Royal Astronomical Society, 2020, 498, 2167-2195.	4.4	29
28	The post-maximum behaviour of the changing-look Seyfert galaxy NGCÂ1566. Monthly Notices of the Royal Astronomical Society, 2020, 498, 718-727.	4.4	12
29	Insight-HXMT insight into switch of the accretion mode: The case of the X-ray pulsar 4U 1901+03. Journal of High Energy Astrophysics, 2020, 27, 38-43.	6.7	6
30	Discovery of a retrogradely rotating neutron star in the X-ray pulsar GX 301â€“2. Monthly Notices of the Royal Astronomical Society, 2020, 494, 2178-2182.	4.4	7
31	Switches between accretion structures during flares in 4U 1901+03. Monthly Notices of the Royal Astronomical Society, 2020, 493, 5680-5692.	4.4	8
32	The unusual behavior of the young X-ray pulsar SXP 1062 during the 2019 outburst. Astronomy and Astrophysics, 2020, 637, A33.	5.1	7
33	An observational argument against accretion in magnetars. Astronomy and Astrophysics, 2020, 643, A173.	5.1	10
34	Multiwavelength observations of PSRÂJ2032+4127 during the 2017 periastron passage. Monthly Notices of the Royal Astronomical Society, 2020, 495, 365-374.	4.4	8
35	First characterization of Swift J1845.7â€“0037 with NuSTAR. Astronomy and Astrophysics, 2020, 634, A89.	5.1	8
36	Observations of GRO J1744â€“28 in quiescence with XMM-Newton. Astronomy and Astrophysics, 2020, 643, A62.	5.1	8

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37	Cyclotron emission, absorption, and the two faces of X-ray pulsar Aâ€‰0535+262. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 487, L30-L34.	3.3	33
38	Soft excess in the quiescent Be/X-ray pulsar RX J0812.4â€“3114. Monthly Notices of the Royal Astronomical Society, 2019, 488, 4427-4439.	4.4	7
39	Observational constraints on the magnetic field of the bright transient Be/X-ray pulsar SXPâ€‰4.78. Monthly Notices of the Royal Astronomical Society, 2019, 490, 3355-3364.	4.4	3
40	Discovery of a Pulse-phase-transient Cyclotron Line in the X-Ray pulsar GRO J2058+42. Astrophysical Journal Letters, 2019, 883, L11.	8.3	30
41	NuSTAR observations of wind-fed X-ray pulsar GX 301â€“2 during unusual spin-up event. Astronomy and Astrophysics, 2019, 629, A101.	5.1	17
42	Evidence for the radiation-pressure dominated accretion disk in bursting pulsar GRO J1744â˜’28 using timing analysis. Astronomy and Astrophysics, 2019, 626, A106.	5.1	20
43	Broad-band aperiodic variability in X-ray pulsars: accretion rate fluctuations propagating under the influence of viscous diffusion. Monthly Notices of the Royal Astronomical Society, 2019, 486, 4061-4074.	4.4	17
44	Dramatic spectral transition of X-ray pulsar GXÂ304â˜’1Âin low luminous state. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 483, L144-L148.	3.3	37
45	GROâ€‰J1750â€“27: A neutron star far behind the Galactic Center switching into the propeller regime. Monthly Notices of the Royal Astronomical Society, 2019, 485, 770-776.	4.4	11
46	Study of the X-ray pulsar IGR J19294+1816 with NuSTAR: Detection of cyclotron line and transition to accretion from the cold disk. Astronomy and Astrophysics, 2019, 621, A134.	5.1	13
47	Evolving optical polarisation of the black hole X-ray binary MAXI J1820+070. Astronomy and Astrophysics, 2019, 623, A75.	5.1	21
48	Advances in Understanding High-Mass X-ray Binaries with INTEGRALand Future Directions. New Astronomy Reviews, 2019, 86, 101546.	12.8	43
49	Properties of the transient X-ray pulsar Swift J1816.7â€“1613 and its optical companion. Astronomy and Astrophysics, 2019, 622, A198.	5.1	9
50	New changing look case in NGC 1566. Monthly Notices of the Royal Astronomical Society, 2019, 483, 558-564.	4.4	55
51	Discovery of a cyclotron absorption line in the transient X-ray pulsar XTEâ€‰J1829â˜’098. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 482, L14-L18.	3.3	10
52	DISCOVERY OF MORE CHANGING LOOK EVENTS IN NGC 1566. Odessa Astronomical Publications, 2019, 32, 75-78.	0.2	4
53	Discovery of new changing look in NGC 1566. Proceedings of the International Astronomical Union, 2019, 15, 127-131.	0.0	0
54	On the magnetic field of the first Galactic ultraluminous X-ray pulsar Swift J0243.6+6124. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 479, L134-L138.	3.3	35

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55	Discovery of X-Rays from the Old and Faint Pulsar J1154â€“6250. Astrophysical Journal, 2018, 865, 116.	4.5	5
56	NuSTAR observations of the ultraluminous X-ray source M33 X-8: a black hole in a very high state?. Monthly Notices of the Royal Astronomical Society, 2018, 480, 2357-2364.	4.4	7
57	Evolution of broad-band SED during outburst rise in NS X-ray Nova Aql X-1. Monthly Notices of the Royal Astronomical Society, 2018, 473, 3987-4002.	4.4	5
58	Orbit and intrinsic spin-up of the newly discovered transient X-ray pulsar Swift J0243.6+6124. Astronomy and Astrophysics, 2018, 613, A19.	5.1	50
59	A dust-enshrouded tidal disruption event with a resolved radio jet in a galaxy merger. Science, 2018, 361, 482-485.	12.6	113
60	On the radiation beaming of bright X-ray pulsars and constraints on neutron star massâ€“radius relation. Monthly Notices of the Royal Astronomical Society, 2018, 474, 5425-5436.	4.4	38
61	New hard X-ray sources discovered in the ongoing INTEGRAL Galactic plane survey after 14 yr of observations. Monthly Notices of the Royal Astronomical Society, 2017, 470, 512-516.	4.4	35
62	PROPELLER EFFECT IN THE TRANSIENT X-RAY PULSAR SMC X-2. Astrophysical Journal, 2017, 834, 209.	4.5	30
63	NuSTAR observations of the X-ray pulsar LMC X-4: A constraint on the magnetic field and tomography of the system in the fluorescent iron line. Astronomy Letters, 2017, 43, 175-185.	1.0	15
64	Luminosity dependence of the cyclotron line and evidence for the accretion regime transition in V 0332+53. Monthly Notices of the Royal Astronomical Society, 2017, 466, 2143-2150.	4.4	64
65	Study of orbital and superorbital variability of LSI +61Â° 303 with X-ray data. Monthly Notices of the Royal Astronomical Society, 2017, 470, 1718-1728.	4.4	15
66	High-precision optical polarimetry of the accreting black hole V404 Cyg during the 2015 June outburst. Monthly Notices of the Royal Astronomical Society, 2017, 468, 4362-4373.	4.4	22
67	The X-ray properties of Be/X-ray pulsars in quiescence. Monthly Notices of the Royal Astronomical Society, 2017, 470, 126-141.	4.4	47
68	Radius of the neutron star magnetosphere during disk accretion. Astronomy Letters, 2017, 43, 706-729.	1.0	13
69	SMCâ€‰X-3: the closest ultraluminous X-ray source powered by a neutron star with non-dipole magnetic field. Astronomy and Astrophysics, 2017, 605, A39.	5.1	72
70	Stable accretion from a cold disc in highly magnetized neutron stars. Astronomy and Astrophysics, 2017, 608, A17.	5.1	51
71	Near-periodical spin period evolution in the binary system LMCÂX-4. Monthly Notices of the Royal Astronomical Society, 2017, 464, 2039-2045.	4.4	11
72	Propeller effect in two brightest transient X-ray pulsars: 4U 0115+63 and V 0332+53. Astronomy and Astrophysics, 2016, 593, A16.	5.1	74

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73	The origin of seed photons for Comptonization in the black hole binary Swift J1753.5â€“0127. Astronomy and Astrophysics, 2016, 591, A66.	5.1	18
74	Galactic survey of⁴⁴Ti sources with the IBIS telescope onboardINTEGRAL. Monthly Notices of the Royal Astronomical Society, 2016, 458, 3411-3419.	4.4	24
75	2SÂ1553â^'542: a Be/X-ray binary pulsar on the far side of the Galaxy. Monthly Notices of the Royal Astronomical Society, 2016, 462, 3823-3829.	4.4	17
76	Orbital parameters of V 0332+53 from 2015 giant outburst data. Astronomy and Astrophysics, 2016, 589, A72.	5.1	17
77	NuSTARdiscovery of a cyclotron absorption line in the transient X-ray pulsar 2S 1553â^'542. Monthly Notices of the Royal Astronomical Society, 2016, 457, 258-266.	4.4	23
78	Progenitor constraints for core-collapse supernovae fromChandraX-ray observations. Monthly Notices of the Royal Astronomical Society, 2016, 457, 1107-1123.	4.4	3
79	Propeller effect in action in the ultraluminous accreting magnetar M82 Xâ^'2. Monthly Notices of the Royal Astronomical Society, 2016, 457, 1101-1106.	4.4	123
80	NuSTARDISCOVERY OF AN UNUSUALLY STEADY LONG-TERM SPIN-UP OF THE Be BINARY 2RXP J130159.6â€“635806. Astrophysical Journal, 2015, 809, 140.	4.5	16
81	INTEGRAL 11-year hard X-ray survey above 100ÂkeV. Monthly Notices of the Royal Astronomical Society, 2015, 448, 3766-3774.	4.4	19
82	Positive correlation between the cyclotron line energy and luminosity in sub-critical X-ray pulsars: Doppler effect in the accretion channel. Monthly Notices of the Royal Astronomical Society, 2015, 454, 2714-2721.	4.4	50
83	Transient X-ray pulsar VÂ0332+53: pulse-phase-resolved spectroscopy and the reflection model. Monthly Notices of the Royal Astronomical Society, 2015, 448, 2175-2186.	4.4	34
84	High-mass X-ray binaries in the Milky Way. Astronomy and Astrophysics Review, 2015, 23, 1.	25.5	175
85	Multi-wavelength observations of the binary system PSR B1259â^'63/LSÂ2883 around the 2014 periastron passage. Monthly Notices of the Royal Astronomical Society, 2015, 454, 1358-1370.	4.4	51
86	On the maximum accretion luminosity of magnetized neutron stars: connecting X-ray pulsars and ultraluminous X-ray sources. Monthly Notices of the Royal Astronomical Society, 2015, 454, 2539-2548.	4.4	163
87	The critical accretion luminosity for magnetized neutron stars. Monthly Notices of the Royal Astronomical Society, 2015, 447, 1847-1856.	4.4	144
88	XMM-Newtonobservations of 1A 0535+262 in quiescence. Astronomy and Astrophysics, 2014, 561, A96.	5.1	31
89	Hard X-ray emission of Sco X-1. Monthly Notices of the Royal Astronomical Society, 2014, 445, 1205-1212.	4.4	15
90	Spectroscopic evidence for a low-mass black hole in SWIFTÂJ1753.5â^'0127. Monthly Notices of the Royal Astronomical Society, 2014, 445, 2424-2439.	4.4	44

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91	Identification of four X-ray sources from the INTEGRAL and Swift catalogs. Astronomy Letters, 2013, 39, 513-522.	1.0	6
92	On timing and spectral characteristics of the X-ray pulsar 4U 0115+63: Evolution of the pulsation period and the cyclotron line energy. Astronomy Letters, 2013, 39, 375-388.	1.0	65
93	Population of persistent high-mass X-ray binaries in the Milky Way. Monthly Notices of the Royal Astronomical Society, 2013, 431, 327-341.	4.4	70
94	Deep hard X-ray survey of the Large Magellanic Cloud. Monthly Notices of the Royal Astronomical Society, 2013, 428, 50-57.	4.4	21
95	A REFLECTION MODEL FOR THE CYCLOTRON LINES IN THE SPECTRA OF X-RAY PULSARS. Astrophysical Journal, 2013, 777, 115.	4.5	113
96	Hard-X-ray emission lines from the decay of 44Ti in the remnant of supernova 1987A. Nature, 2012, 490, 373-375.	27.8	107
97	Broad-band observations of the Be/X-ray binary pulsar RX J0440.9+4431: discovery of a cyclotron absorption line. Monthly Notices of the Royal Astronomical Society, 2012, 421, 2407-2413.	4.4	47
98	Strong outburst activity of the X-ray pulsar X Persei during 2001-2011. Monthly Notices of the Royal Astronomical Society, 2012, 423, 1978-1984.	4.4	43
99	INTEGRAL/IBIS nine-year Galactic hard X-ray survey. Astronomy and Astrophysics, 2012, 545, A27.	5.1	90
100	INTEGRAL/IBIS 7-year All-Sky Hard X-Ray Survey. Astronomy and Astrophysics, 2010, 523, A61.	5.1	68
101	Search for outbursts in the narrow 511-keV line from compact sources based on INTEGRAL data. Astronomy Letters, 2010, 36, 237-247.	1.0	8
102	Completing the puzzle of the 2004-2005 outburst in V0332+53: the brightening phase included. Monthly Notices of the Royal Astronomical Society, 2010, 401, 1628-1635.	4.4	81
103	INTEGRAL/IBIS 7-year All-Sky Hard X-ray Survey. Astronomy and Astrophysics, 2010, 519, A107.	5.1	51
104	Quenching of the strong aperiodic accretion disk variability at the magnetospheric boundary. Astronomy and Astrophysics, 2009, 507, 1211-1215.	5.1	64
105	Timing characteristics of the hard X-ray emission from bright X-ray pulsars based on INTEGRAL data. Astronomy Letters, 2009, 35, 433-456.	1.0	78
106	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
107	4U 0115+63 from RXTE and INTEGRAL data: Pulse profile and cyclotron line energy. Astronomy Letters, 2007, 33, 368-384.	1.0	74
108	V0332+53 in the outburst of 2004-2005: luminosity dependence of the cyclotron line and pulse profile. Monthly Notices of the Royal Astronomical Society, 2006, 371, 19-28.	4.4	131

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109	Observations of the transient X-ray pulsar KS 1947+300 by the INTEGRAL and RXTE observatories. Astronomy Letters, 2005, 31, 88-97.	1.0	31
110	Hard spectra of X-ray pulsars from INTEGRAL data. Astronomy Letters, 2005, 31, 729-747.	1.0	63
111	Optically thick envelopes around ULXs powered by accreating neutron stars. Monthly Notices of the Royal Astronomical Society, 0, , stx141.	4.4	49
112	Hot disk of the SwiftÂJ0243.6+6124 revealed by Insight-HXMT. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	35
113	First characterization of a new high mass X-ray binary in LMC eRASSUÂJ050810.4â^'660653 with SRG/ART-XC, NuSTAR and Swift. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	3