

# Sergey Molkov

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5259563/publications.pdf>

Version: 2024-02-01

28  
papers

456  
citations

686830

13  
h-index

713013

21  
g-index

28  
all docs

28  
docs citations

28  
times ranked

736  
citing authors

#	ARTICLE	IF	CITATIONS
1	A hard X-ray survey of the Sagittarius Arm tangent with the IBIS telescope of the INTEGRAL observatory: A catalog of sources. <i>Astronomy Letters</i> , 2004, 30, 534-539.	0.1	73
2	INTEGRAL observations of SS433: Results of a coordinated campaign. <i>Astronomy and Astrophysics</i> , 2005, 437, 561-573.	2.1	58
3	Catalog of short gamma-ray transients detected in the SPI/INTEGRAL experiment. <i>Astronomy Letters</i> , 2014, 40, 235-267.	0.1	30
4	Discovery of a Pulse-phase-transient Cyclotron Line in the X-Ray pulsar GRO J2058+42. <i>Astrophysical Journal Letters</i> , 2019, 883, L11.	3.0	30
5	Hard X-ray survey of the Galactic plane region in Crux: A catalog of sources. <i>Astronomy Letters</i> , 2006, 32, 145-148.	0.1	27
6	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.	1.6	24
7	A multiwavelength analysis of a collection of short-duration GRBs observed between 2012 and 2015. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 5294-5318.	1.6	22
8	SS433: A massive X-ray binary in an advanced evolutionary stage. <i>New Astronomy Reviews</i> , 2020, 89, 101542.	5.2	18
9	INTEGRAL observations of SS433, a supercritically accreting microquasar with hard spectrum. <i>Astronomy and Astrophysics</i> , 2003, 411, L441-L445.	2.1	17
10	Peculiar nature of hard X-ray eclipse in SS433 from INTEGRAL observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 397, 479-487.	1.6	16
11	Discovery of the 5 keV Cyclotron Line Followed by Three Harmonics in Swift J1626.6-5156. <i>Astrophysical Journal Letters</i> , 2021, 915, L27.	3.0	16
12	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. <i>Astronomy Letters</i> , 2017, 43, 175-185.	0.1	15
13	GRB 070912 – A gamma-ray burst recorded from the direction to the galactic center. <i>Astronomy Letters</i> , 2012, 38, 613-628.	0.1	14
14	Radius of the neutron star magnetosphere during disk accretion. <i>Astronomy Letters</i> , 2017, 43, 706-729.	0.1	13
15	Determination of parameters of Long-Term variability of the X-ray pulsar LMC X-4. <i>Astronomy Letters</i> , 2015, 41, 562-574.	0.1	11
16	X-Ray Pulsar XTE J1858+034: Discovery of the Cyclotron Line and the Revised Optical Identification. <i>Astrophysical Journal</i> , 2021, 909, 154.	1.6	11
17	Discovery of a cyclotron absorption line in the transient X-ray pulsar XTE J1829+098. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 482, L14-L18.	1.2	10
18	The first results of observations of the transient pulsar SAX J2103.5+4545 by the INTEGRAL observatory. <i>Astronomy Letters</i> , 2003, 29, 713-718.	0.1	9

#	ARTICLE	IF	CITATIONS
19	Peculiarities of Super-Eddington Flares from the X-ray Pulsar LMC X-4 Based on NuSTAR Data. Astronomy Letters, 2018, 44, 149-161.	0.1	8
20	Broadband X-ray spectrum of the intermediate polar V2400 Oph. Astronomy Letters, 2004, 30, 772-778.	0.1	6
21	Pulsating iron spectral features in the emission of X-ray pulsar VÂ0332+53. Monthly Notices of the Royal Astronomical Society, 2021, 506, 2156-2169.	1.6	6
22	ART-XC / SRG overview. , 2018, , .		6
23	Low state of the X-ray burster SLX 1732-304 in the globular cluster Terzan 1 according to RXTE data. Astronomy Letters, 2001, 27, 363-365.	0.1	4
24	Study of the X-ray Pulsar XTE J1946+274 with NuSTAR. Astronomy Letters, 2021, 47, 390-401.	0.1	4
25	INTEGRAL observations of the gamma-ray burst on March 11, 2007. Astronomy Letters, 2007, 33, 656-659.	0.1	3
26	Broadband spectrum of the total X-ray emission from the galaxy M31. Astronomy Letters, 2014, 40, 22-28.	0.1	3
27	On the possibility of improving the orbits of satellites based on observations of isolated X-ray pulsars. Astronomy Letters, 2015, 41, 450-455.	0.1	2
28	On-ground calibration of the ART-XC/SRG instrument. , 2018, , .		0