

Alexandra Veledina

List of Publications by Year in descending order

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797
citing authors

#	ARTICLE	IF	CITATIONS
1	Analytical techniques for polarimetric imaging of accretion flows in the Schwarzschild metric. <i>Astronomy and Astrophysics</i> , 2022, 660, A25.	5.1	8
2	Black hole spin-orbit misalignment in the x-ray binary MAXI J1820+070. <i>Science</i> , 2022, 375, 874-876.	12.6	19
3	Optical polarization signatures of black hole X-ray binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 2479-2487.	4.4	2
4	Fast infrared variability from the black hole candidate MAXI J1535+571 and tight constraints on the modelling. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 614-624.	4.4	11
5	The evolution of rapid optical/X-ray timing correlations in the initial hard state of MAXI J1820+070. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 3452-3469.	4.4	13
6	Hybrid Comptonization and Electron-Positron Pair Production in the Black-hole X-Ray Binary MAXI J1820+070. <i>Astrophysical Journal Letters</i> , 2021, 914, L5.	8.3	18
7	Accretion geometry of the black hole binary MAXI J1820+070 probed by frequency-resolved spectroscopy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 2744-2754.	4.4	14
8	Failed-transition outbursts in black hole low-mass X-ray binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 5507-5522.	4.4	17
9	Colors and patterns of black hole X-ray binary GX 339-4. <i>Astronomy and Astrophysics</i> , 2020, 638, A127.	5.1	7
10	Disc and wind in black hole X-ray binary MAXI J1820+070 observed through polarized light during its 2018 outburst. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 496, L96-L100.	3.3	10
11	Rapid spectral transition of the black hole binary V404 Cygni. <i>Astronomy and Astrophysics</i> , 2020, 634, A94.	5.1	5
12	X-ray dips and a complex UV/X-ray cross-correlation function in the black hole candidate MAXI J1820+070. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 488, L18-L23.	3.3	26
13	A black hole X-ray binary at ~ 100 Hz: multiwavelength timing of MAXI J1820+070 with HiPERCAM and NICER. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 490, L62-L66.	3.3	27
14	Pulsating in Unison at Optical and X-Ray Energies: Simultaneous High Time Resolution Observations of the Transitional Millisecond Pulsar PSR J1023+0038. <i>Astrophysical Journal</i> , 2019, 882, 104.	4.5	39
15	Evolving optical polarisation of the black hole X-ray binary MAXI J1820+070. <i>Astronomy and Astrophysics</i> , 2019, 623, A75.	5.1	21
16	Pulsar Wind-heated Accretion Disk and the Origin of Modes in Transitional Millisecond Pulsar PSR J1023+0038. <i>Astrophysical Journal</i> , 2019, 884, 144.	4.5	21
17	Doughnut strikes sandwich: the geometry of hot medium in accreting black hole X-ray binaries. <i>Astronomy and Astrophysics</i> , 2018, 614, A79.	5.1	48
18	Interplay of spectral components in timing properties of accreting compact objects. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 4236-4249.	4.4	13

#	ARTICLE	IF	CITATIONS
19	Superhump period of the black hole X-ray binary GX 339 ^â 4. Monthly Notices of the Royal Astronomical Society, 2018, 478, 4710-4719.	4.4	8
20	Evidence for hot clumpy accretion flow in the transitional millisecond pulsar PSR ^â J1023+0038. Monthly Notices of the Royal Astronomical Society, 2018, 477, 566-577.	4.4	16
21	Expanding hot flow in the black hole binary SWIFT J1753.5 ^â 0127: evidence from optical timing. Monthly Notices of the Royal Astronomical Society, 2017, 470, 48-59.	4.4	20
22	INTERFERENCE AS AN ORIGIN OF THE PEAKED NOISE IN ACCRETING X-RAY BINARIES. Astrophysical Journal, 2016, 832, 181.	4.5	18
23	The origin of seed photons for Comptonization in the black hole binary Swift J1753.5 ^â 0127. Astronomy and Astrophysics, 2016, 591, A66.	5.1	18
24	Reprocessing model for the optical quasi-periodic oscillations in black hole binaries. Monthly Notices of the Royal Astronomical Society, 2015, 448, 939-945.	4.4	10
25	Discovery of correlated optical/X-ray quasi-periodic oscillations in black hole binary SWIFT J1753.5 ^â 0127. Monthly Notices of the Royal Astronomical Society, 2015, 454, 2855-2862.	4.4	19
26	Spectroscopic evidence for a low-mass black hole in SWIFT ^â J1753.5 ^â 0127. Monthly Notices of the Royal Astronomical Society, 2014, 445, 2424-2439.	4.4	44
27	Colours of black holes: infrared flares from the hot accretion disc in XTE J1550 ^â 564. Monthly Notices of the Royal Astronomical Society, 2014, 445, 3987-3998.	4.4	20
28	Modelling Spectral and Timing Properties of Accreting Black Holes: The Hybrid Hot Flow Paradigm. Space Science Reviews, 2014, 183, 61-85.	8.1	61
29	Hot accretion flow in black hole binaries: a link connecting X-rays to the infrared. Monthly Notices of the Royal Astronomical Society, 2013, 430, 3196-3212.	4.4	82
30	A UNIFIED LENSE-THIRING PRECESSION MODEL FOR OPTICAL AND X-RAY QUASI-PERIODIC OSCILLATIONS IN BLACK HOLE BINARIES. Astrophysical Journal, 2013, 778, 165.	4.5	57
31	Modelling Spectral and Timing Properties of Accreting Black Holes: The Hybrid Hot Flow Paradigm. Space Sciences Series of ISSI, 2013, , 61-85.	0.0	0
32	A SYNCHROTRON SELF-COMPTON-DISK REPROCESSING MODEL FOR OPTICAL/X-RAY CORRELATION IN BLACK HOLE X-RAY BINARIES. Astrophysical Journal Letters, 2011, 737, L17.	8.3	62
33	A self-consistent hybrid Comptonization model for broad-band spectra of accreting supermassive black holes. Monthly Notices of the Royal Astronomical Society, 2011, 414, 3330-3343.	4.4	49