

Victoria Grinberg

List of Publications by Year in descending order

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73
papers

2,431
citations

201674

27
h-index

214800

47
g-index

73
all docs

73
docs citations

73
times ranked

1935
citing authors

#	ARTICLE	IF	CITATIONS
1	Polarized Gamma-Ray Emission from the Galactic Black Hole Cygnus X-1. <i>Science</i> , 2011, 332, 438-439.	12.6	190
2	Cygnus X-1 contains a 21-solar mass black hole—Implications for massive star winds. <i>Science</i> , 2021, 371, 1046-1049.	12.6	138
3	X-RAY REFLECTION SPECTROSCOPY OF THE BLACK HOLE GX 339-4: EXPLORING THE HARD STATE WITH UNPRECEDENTED SENSITIVITY. <i>Astrophysical Journal</i> , 2015, 813, 84.	4.5	131
4	<i>NuSTAR</i> AND <i>SUZAKU</i> OBSERVATIONS OF THE HARD STATE IN CYGNUS X-1: LOCATING THE INNER ACCRETION DISK. <i>Astrophysical Journal</i> , 2015, 808, 9.	4.5	105
5	Alternative Explanations for Extreme Supersolar Iron Abundances Inferred from the Energy Spectrum of Cygnus X-1. <i>Astrophysical Journal</i> , 2018, 855, 3.	4.5	102
6	THE SOFT STATE OF CYGNUS X-1 OBSERVED WITH <i>NuSTAR</i> : A VARIABLE CORONA AND A STABLE INNER DISK. <i>Astrophysical Journal</i> , 2016, 826, 87.	4.5	93
7	<i>NuSTAR</i> AND <i>SWIFT</i> OBSERVATIONS OF THE VERY HIGH STATE IN GX 339-4: WEIGHING THE BLACK HOLE WITH X-RAYS. <i>Astrophysical Journal Letters</i> , 2016, 821, L6.	8.3	85
8	THE COMPLEX ACCRETION GEOMETRY OF GX 339-4 AS SEEN BY <i>NuSTAR</i> AND <i>SWIFT</i> . <i>Astrophysical Journal</i> , 2015, 808, 122.	4.5	84
9	Correlated optical, X-ray, and γ -ray flaring activity seen with <i>INTEGRAL</i> during the 2015 outburst of V404 Cygni. <i>Astronomy and Astrophysics</i> , 2015, 581, L9.	5.1	72
10	Long term variability of Cygnus X-1. <i>Astronomy and Astrophysics</i> , 2013, 554, A88.	5.1	64
11	Pulse Phase-Resolved Analysis of the High-Mass X-ray Binary Centaurus X-3 over Two Binary Orbits. <i>Astrophysical Journal</i> , 2008, 675, 1487-1498.	4.5	64
12	No anticorrelation between cyclotron line energy and X-ray flux in 4U0115+634. <i>Astronomy and Astrophysics</i> , 2013, 551, A6.	5.1	63
13	Long term variability of Cygnus X-1. <i>Astronomy and Astrophysics</i> , 2014, 565, A1.	5.1	63
14	The carbon footprint of large astronomy meetings. <i>Nature Astronomy</i> , 2020, 4, 823-825.	10.1	62
15	Towards Precision Measurements of Accreting Black Holes Using X-Ray Reflection Spectroscopy. <i>Space Science Reviews</i> , 2021, 217, 1.	8.1	59
16	SPECTRAL STATE DEPENDENCE OF THE 0.4-2 MEV POLARIZED EMISSION IN CYGNUS X-1 SEEN WITH <i>INTEGRAL</i> /IBIS, AND LINKS WITH THE AMI RADIO DATA. <i>Astrophysical Journal</i> , 2015, 807, 17.	4.5	51
17	A MULTIWAVELENGTH STUDY OF CYGNUS X-1: THE FIRST MID-INFRARED SPECTROSCOPIC DETECTION OF COMPACT JETS. <i>Astrophysical Journal</i> , 2011, 736, 63.	4.5	48
18	Advances in Understanding High-Mass X-ray Binaries with <i>INTEGRAL</i> and Future Directions. <i>New Astronomy Reviews</i> , 2019, 86, 101546.	12.8	43

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19	Long term variability of Cygnus X-1. <i>Astronomy and Astrophysics</i> , 2015, 576, A117.	5.1	38
20	AN EMPIRICAL METHOD FOR IMPROVING THE QUALITY OF <i>RXTE</i> PCA SPECTRA. <i>Astrophysical Journal</i> , 2014, 794, 73.	4.5	36
21	Reflection Spectroscopy of the Black Hole Binary XTE J1752-223 in Its Long-stable Hard State. <i>Astrophysical Journal</i> , 2018, 864, 25.	4.5	36
22	GRO J1008+57: an (almost) predictable transient X-ray binary. <i>Astronomy and Astrophysics</i> , 2013, 555, A95.	5.1	35
23	The clumpy absorber in the high-mass X-ray binary Vela X-1. <i>Astronomy and Astrophysics</i> , 2017, 608, A143.	5.1	34
24	<i>Chandra</i> X-ray spectroscopy of focused wind in the Cygnus X-1 system. <i>Astronomy and Astrophysics</i> , 2016, 590, A114.	5.1	33
25	The 2017 Failed Outburst of GX 339-4: Relativistic X-Ray Reflection near the Black Hole Revealed by NuSTAR and Swift Spectroscopy. <i>Astrophysical Journal</i> , 2019, 885, 48.	4.5	33
26	LABORATORY MEASUREMENTS OF THE K-SHELL TRANSITION ENERGIES IN L-SHELL IONS OF SI AND S. <i>Astrophysical Journal</i> , 2016, 830, 26.	4.5	29
27	Testing the Kerr Black Hole Hypothesis with GX 339-4 by a Combined Analysis of Its Thermal Spectrum and Reflection Features. <i>Astrophysical Journal</i> , 2021, 907, 31.	4.5	29
28	Revealing the broad iron K α line in Cygnus X-1 through simultaneous <i>XMM-Newton</i> , <i>RXTE</i> , and <i>INTEGRAL</i> observations. <i>Astronomy and Astrophysics</i> , 2016, 589, A14.	5.1	28
29	Accretion in strong field gravity with eXTP. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	5.1	27
30	Evidence for Returning Disk Radiation in the Black Hole X-Ray Binary XTE J1550-564. <i>Astrophysical Journal</i> , 2020, 892, 47.	4.5	27
31	DISTORTED CYCLOTRON LINE PROFILE IN CEP X-4 AS OBSERVED BY <i>NuSTAR</i> . <i>Astrophysical Journal Letters</i> , 2015, 806, L24.	8.3	25
32	Reflection Modeling of the Black Hole Binary 4U 1630-47: The Disk Density and Returning Radiation. <i>Astrophysical Journal</i> , 2021, 909, 146.	4.5	24
33	A new lepto-hadronic model applied to the first simultaneous multiwavelength data set for Cygnus X-1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 2112-2126.	4.4	24
34	Single-dish and VLBI observations of Cygnus X-3 during the 2016 giant flare episode. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 2703-2714.	4.4	23
35	Testing General Relativity with the Stellar-mass Black Hole in LMC X-1 Using the Continuum-fitting Method. <i>Astrophysical Journal</i> , 2020, 897, 84.	4.5	22
36	Evolution of the Accretion Disk-Corona during the Bright Hard-to-soft State Transition: A Reflection Spectroscopic Study with GX 339-4. <i>Astrophysical Journal</i> , 2020, 890, 53.	4.5	22

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37	Spectral and timing evolution of the bright failed outburst of the transient black hole Swift J174510.8âˆ²262411. Monthly Notices of the Royal Astronomical Society, 2016, 456, 3585-3595.	4.4	21
38	<i>Chandra</i> X-ray spectroscopy of the focused wind in the Cygnus X-1 system. Astronomy and Astrophysics, 2019, 626, A64.	5.1	21
39	Revisiting the archetypical wind accretor Vela X-1 in depth. Astronomy and Astrophysics, 2021, 652, A95.	5.1	21
40	Spectro-timing analysis of Cygnus X-1 during a fast state transition. Astronomy and Astrophysics, 2011, 533, A8.	5.1	20
41	THE TRANSIENT ACCRETING X-RAY PULSAR XTE J1946+274: STABILITY OF X-RAY PROPERTIES AT LOW FLUX AND UPDATED ORBITAL SOLUTION. Astrophysical Journal, 2015, 815, 44.	4.5	19
42	THE 5 hr PULSE PERIOD AND BROADBAND SPECTRUM OF THE SYMBIOTIC X-RAY BINARY 3A 1954+319. Astrophysical Journal Letters, 2011, 742, L11.	8.3	18
43	The INTEGRAL view on black hole X-ray binaries. New Astronomy Reviews, 2021, 93, 101618.	12.8	15
44	AN ULTRA-FAST X-RAY DISK WIND IN THE NEUTRON STAR BINARY GX 340+0. Astrophysical Journal Letters, 2016, 822, L18.	8.3	14
45	Spectral and Timing Properties of IGR J17091â€“3624 in the Rising Hard State During Its 2016 Outburst. Astrophysical Journal, 2017, 851, 103.	4.5	14
46	Combining timing characteristics with physical broad-band spectral modelling of black hole X-ray binary GX339â€“4. Monthly Notices of the Royal Astronomical Society, 2019, 485, 3696-3714.	4.4	14
47	The high energy Universe at ultra-high resolution: the power and promise of X-ray interferometry. Experimental Astronomy, 2021, 51, 1081-1107.	3.7	14
48	Radiography in high mass X-ray binaries. Astronomy and Astrophysics, 2020, 643, A9.	5.1	14
49	Conflicting Disk Inclination Estimates for the Black Hole X-Ray Binary XTE J1550âˆ²564. Astrophysical Journal, 2019, 882, 179.	4.5	14
50	Potential origin of the state-dependent high-energy tail in the black hole microquasar Cygnus X-1 as seen with INTEGRAL. Astronomy and Astrophysics, 2021, 650, A93.	5.1	13
51	High-resolution X-ray spectroscopy of the stellar wind in Vela X-1 during a flare. Astronomy and Astrophysics, 2020, 641, A144.	5.1	13
52	SPECTRO-TIMING STUDY OF GX 339-4 IN A HARD INTERMEDIATE STATE. Astrophysical Journal, 2016, 828, 34.	4.5	12
53	AN EMPIRICAL METHOD FOR IMPROVING THE QUALITY OF RXTE HEXTE SPECTRA. Astrophysical Journal, 2016, 819, 76.	4.5	11
54	Simultaneous Multiwavelength Observations of V404 Cygni during its 2015 June Outburst Decay Strengthen the Case for an Extremely Energetic Jet-base. Astrophysical Journal, 2017, 851, 148.	4.5	11

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55	Testing the Kerr black hole hypothesis with the continuum-fitting and the iron line methods: the case of GRSÅ1915+105. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 019.	5.4	11
56	Looking through the photoionisation wake: Vela Xâˆ’1 at <i>Ï†</i>_{orb}â€‰,â‰‰â€‰,0.75 with <i>Chandra</i>/HETG. <i>Astronomy and Astrophysics</i> , 2021, 648, A105.	5.1	10
57	X-RAY AND NEAR-INFRARED OBSERVATIONS OF THE OBSCURED ACCRETING PULSAR IGR J18179â€”1621. <i>Astrophysical Journal</i> , 2012, 757, 143.	4.5	9
58	<i>Suzaku</i> observations of the 2013 outburst of KS 1947+300. <i>Astronomy and Astrophysics</i> , 2016, 591, A65.	5.1	9
59	Thermal spectra of thin accretion discs of finite thickness around Kerr black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 497-503.	4.4	9
60	Forging a sustainable future for astronomy. <i>Nature Astronomy</i> , 2021, 5, 857-860.	10.1	9
61	Continuum, cyclotron line, and absorption variability in the high-mass X-ray binary Vela X-1. <i>Astronomy and Astrophysics</i> , 2022, 660, A19.	5.1	8
62	The giant outburst of 4U 0115+634 in 2011 with <i>Suzaku</i> and RXTE. <i>Astronomy and Astrophysics</i> , 2020, 634, A99.	5.1	7
63	INTEGRAL discovery of a high-energy tail in the microquasar Cygnus X-3. <i>Astronomy and Astrophysics</i> , 2021, 645, A60.	5.1	7
64	Colorâ€”color diagrams as tools for assessment of the variable absorption in high mass X-ray binaries. <i>Astronomy and Astrophysics</i> , 2020, 643, A109.	5.1	6
65	Investigating the Mini and Giant Radio Flare Episodes of Cygnus X-3. <i>Astrophysical Journal</i> , 2021, 906, 10.	4.5	6
66	The prototype X-ray binary CXÅ339â€”4: using TeV Î³-rays to assess LMXBs as Galactic cosmic ray accelerators. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 5187-5198.	4.4	6
67	CIELO-RGS: a catalog of soft X-ray ionized emission lines. <i>Astronomy and Astrophysics</i> , 2019, 625, A122.	5.1	4
68	X-ray spectral and flux variability of the microquasar GRS 1758âˆ’258 on timescales from weeks to years. <i>Astronomy and Astrophysics</i> , 2020, 636, A51.	5.1	4
69	The X-ray spectral-timing contribution of the stellar wind in the hard state of Cyg X-1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 2671-2685.	4.4	3
70	Variability in highâ€”mass Xâ€”ray binaries. <i>Astronomische Nachrichten</i> , 2019, 340, 323-328.	1.2	1
71	Cloudy in the Microcalorimeter Era: Improved Energies for Si and S KÎ± Fluorescence Lines. <i>Research Notes of the AAS</i> , 2021, 5, 149.	0.7	1
72	PHEMTO: the polarimetric high energy modular telescope observatory. <i>Experimental Astronomy</i> , 2021, 51, 1143-1173.	3.7	0

#	ARTICLE	IF	CITATIONS
73	Dust and gas absorption in the high mass X-ray binary IGR J16318 \hat{a} 4848. <i>Astronomy and Astrophysics</i> , 2020, 641, A65.	5.1	0