

Jiachen Jiang

List of Publications by Year in descending order

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26
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30
docs citations

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times ranked

661
citing authors

#	ARTICLE	IF	CITATIONS
1	The X-ray disc/wind degeneracy in AGN. Monthly Notices of the Royal Astronomical Society, 2022, 513, 551-572.	4.4	11
2	XMM-Newton observations of the narrow-line Seyfert 1 galaxy IRAS 13224+3809: X-ray spectral analysis II. Monthly Notices of the Royal Astronomical Society, 2022, 514, 1107-1121.	4.4	10
3	Rapidly alternating flux states of GX 339+4 during its 2021 outburst captured by Insight-HXMT. Monthly Notices of the Royal Astronomical Society, 2022, 513, 4308-4317.	4.4	9
4	Black hole spin measurements based on a thin disc model with finite thickness I. An example study of MCG +06-30-15. Monthly Notices of the Royal Astronomical Society, 2022, 514, 3246-3259.	4.4	3
5	A NuSTAR and Swift view of the hard state of MAXI J1813+095. Monthly Notices of the Royal Astronomical Society, 2022, 514, 1952-1960.	4.4	2
6	A Multiwavelength Study of GRS 1716-249 in Outburst: Constraints on Its System Parameters. Astrophysical Journal, 2022, 932, 38.	4.5	9
7	The Disk Wind in GRS 1915+105 as Seen by Insight-Hard X-Ray Modulation Telescope. Astrophysical Journal, 2022, 933, 122.	4.5	4
8	Reflection Modeling of the Black Hole Binary 4U 1630+47: The Disk Density and Returning Radiation. Astrophysical Journal, 2021, 909, 146.	4.5	24
9	Testing General Relativity with NuSTAR Data of Galactic Black Holes. Astrophysical Journal, 2021, 913, 79.	4.5	28
10	A highly accreting low-mass black hole hidden in the dust: Suzaku and NuSTAR observations of the NLS1 Mrk 1239. Monthly Notices of the Royal Astronomical Society, 2021, 505, 702-712.	4.4	2
11	Modeling the Multiwavelength Variability of Mrk 335 Using Gaussian Processes. Astrophysical Journal, 2021, 914, 144.	4.5	12
12	Towards Precision Measurements of Accreting Black Holes Using X-Ray Reflection Spectroscopy. Space Science Reviews, 2021, 217, 1.	8.1	59
13	A systematic study of photoionized emission and warm absorption signatures of the NLS1 Mrk 335. Monthly Notices of the Royal Astronomical Society, 2021, 506, 5190-5200.	4.4	3
14	Photospheric Radius Expansion and a Double-peaked Type-I X-Ray Burst from GRS 1741.9+2853. Astrophysical Journal, 2021, 918, 9.	4.5	6
15	The nature of the extreme X-ray variability in the NLS1 1H 0707-495. Monthly Notices of the Royal Astronomical Society, 2021, 508, 1798-1816.	4.4	20
16	A disc reflection model for ultra-soft narrow-line Seyfert 1 galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 498, 3888-3901.	4.4	12
17	The awakening beast in the Seyfert 1 Galaxy KUG 1141+371 I. Monthly Notices of the Royal Astronomical Society, 2020, 501, 916-932.	4.4	3
18	A dynamic black hole corona in an active galaxy through X-ray reverberation mapping. Nature Astronomy, 2020, 4, 597-602.	10.1	70

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19	Blueshifted absorption lines from X-ray reflection in IRAS 13224+3809. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 2518-2522.	4.4	14
20	A NuSTAR view of GRS 1716+249 in the hard and intermediate states. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 1947-1956.	4.4	17
21	High Density Reflection Spectroscopy II. The density of the inner black hole accretion disc in AGN. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 3436-3455.	4.4	71
22	The nuclear environment of the NLS1 Mrk 335: Obscuration of the X-ray line emission by a variable outflow. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 683-697.	4.4	32
23	A relativistic disc reflection model for 1H0419+577: Multi-epoch spectral analysis with XMM-Newton and NuSTAR. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 2958-2967.	4.4	20
24	High-density reflection spectroscopy: I. A case study of GX 339-4. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 1972-1982.	4.4	61
25	Accretion in strong field gravity with eXTP. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	5.1	27
26	The ultrafast outflow of WKK 4438: Suzaku and NuSTAR X-ray spectral analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 639-644.	4.4	5
27	Constraining the geometry of AGN outflows with reflection spectroscopy. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 479, L45-L49.	3.3	3
28	Testing the Kerr nature of the supermassive black hole in Ark 564. <i>Physical Review D</i> , 2018, 98, .	4.7	30
29	Ultrafast outflows disappear in high-radiation fields. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 1021-1035.	4.4	56
30	Using iron line reverberation and spectroscopy to distinguish Kerr and non-Kerr black holes. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 025-025.	5.4	55