

Jiachen Jiang

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

678
citations

623734

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552781

26
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30
docs citations

30
times ranked

661
citing authors

#	ARTICLE	IF	CITATIONS
1	High Density Reflection Spectroscopy “ II. The density of the inner black hole accretion disc in AGN. Monthly Notices of the Royal Astronomical Society, 2019, 489, 3436-3455.	4.4	71
2	A dynamic black hole corona in an active galaxy through X-ray reverberation mapping. Nature Astronomy, 2020, 4, 597-602.	10.1	70
3	High-density reflection spectroscopy: I. A case study of GX339-4. Monthly Notices of the Royal Astronomical Society, 2019, 484, 1972-1982.	4.4	61
4	Towards Precision Measurements of Accreting Black Holes Using X-Ray Reflection Spectroscopy. Space Science Reviews, 2021, 217, 1.	8.1	59
5	Ultrafast outflows disappear in high-radiation fields. Monthly Notices of the Royal Astronomical Society, 2018, 476, 1021-1035.	4.4	56
6	Using iron line reverberation and spectroscopy to distinguish Kerr and non-Kerr black holes. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 025-025.	5.4	55
7	The nuclear environment of the NLS1 Mrk 335: Obscuration of the X-ray line emission by a variable outflow. Monthly Notices of the Royal Astronomical Society, 2019, 490, 683-697.	4.4	32
8	Testing the Kerr nature of the supermassive black hole in Ark 564. Physical Review D, 2018, 98, .	4.7	30
9	Testing General Relativity with NuSTAR Data of Galactic Black Holes. Astrophysical Journal, 2021, 913, 79.	4.5	28
10	Accretion in strong field gravity with eXTP. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	27
11	Reflection Modeling of the Black Hole Binary 4U 1630-47: The Disk Density and Returning Radiation. Astrophysical Journal, 2021, 909, 146.	4.5	24
12	A relativistic disc reflection model for 1H0419-577: Multi-epoch spectral analysis with XMM-Newton and NuSTAR. Monthly Notices of the Royal Astronomical Society, 2019, 483, 2958-2967.	4.4	20
13	The nature of the extreme X-ray variability in the NLS1 1H0707-495. Monthly Notices of the Royal Astronomical Society, 2021, 508, 1798-1816.	4.4	20
14	A NuSTAR view of GRS 1716-249 in the hard and intermediate states. Monthly Notices of the Royal Astronomical Society, 2020, 492, 1947-1956.	4.4	17
15	Blueshifted absorption lines from X-ray reflection in IRAS 13224-3809. Monthly Notices of the Royal Astronomical Society, 2020, 493, 2518-2522.	4.4	14
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	Modeling the Multiwavelength Variability of Mrk 335 Using Gaussian Processes. Astrophysical Journal, 2021, 914, 144.	4.5	12
18	The X-ray disc/wind degeneracy in AGN. Monthly Notices of the Royal Astronomical Society, 2022, 513, 551-572.	4.4	11

#	ARTICLE	IF	CITATIONS
19	<i>XMM-Newton</i> 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
20	Rapidly alternating flux states of GX 339-4 during its 2021 outburst captured by <i>Insight-HXMT</i>. Monthly Notices of the Royal Astronomical Society, 2022, 513, 4308-4317.	4.4	9
21	A Multiwavelength Study of GRS 1716-249 in Outburst: Constraints on Its System Parameters. Astrophysical Journal, 2022, 932, 38.	4.5	9
22	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
23	The ultrafast outflow of WKK 4438: Suzaku and NuSTAR X-ray spectral analysis. Monthly Notices of the Royal Astronomical Society, 2018, 481, 639-644.	4.4	5
24	The Disk Wind in GRS 1915+105 as Seen by Insight-Hard X-Ray Modulation Telescope. Astrophysical Journal, 2022, 933, 122.	4.5	4
25	Constraining the geometry of AGN outflows with reflection spectroscopy. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 479, L45-L49.	3.3	3
26	The awakening beast in the Seyfert 1 Galaxy KUG 1141+371. Monthly Notices of the Royal Astronomical Society, 2020, 501, 916-932.	4.4	3
27	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
28	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
29	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
30	A <i>NuSTAR</i> and <i>Swift</i> view of the hard state of MAXI J1813-095. Monthly Notices of the Royal Astronomical Society, 2022, 514, 1952-1960.	4.4	2