

Riley Connors

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

624
citations

687363

13
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

869
citing authors

#	ARTICLE	IF	CITATIONS
1	Fundamental physics with the Square Kilometre Array. Publications of the Astronomical Society of Australia, 2020, 37, .	3.4	179
2	Implications of the Warm Corona and Relativistic Reflection Models for the Soft Excess in Mrk 509. Astrophysical Journal, 2019, 871, 88.	4.5	58
3	Disk, Corona, Jet Connection in the Intermediate State of MAXI J1820+070 Revealed by NICER Spectral-timing Analysis. Astrophysical Journal Letters, 2021, 910, L3.	8.3	57
4	Reflection Spectroscopy of the Black Hole Binary XTE J1752âˆ“223 in Its Long-stable Hard State. Astrophysical Journal, 2018, 864, 25.	4.5	36
5	The 2017 Failed Outburst of GX 339âˆ“4: Relativistic X-Ray Reflection near the Black Hole Revealed by NuSTAR and Swift Spectroscopy. Astrophysical Journal, 2019, 885, 48.	4.5	33
6	The NICER â€œReverberation Machineâ€ A Systematic Study of Time Lags in Black Hole X-Ray Binaries. Astrophysical Journal, 2022, 930, 18.	4.5	28
7	Evidence for Returning Disk Radiation in the Black Hole X-Ray Binary XTE J1550âˆ“564. Astrophysical Journal, 2020, 892, 47.	4.5	27
8	Reflection Modeling of the Black Hole Binary 4U 1630âˆ“47: The Disk Density and Returning Radiation. Astrophysical Journal, 2021, 909, 146.	4.5	24
9	Evolution of the Accretion Diskâ€Corona during the Bright Hard-to-soft State Transition: A Reflection Spectroscopic Study with GX 339âˆ“4. Astrophysical Journal, 2020, 890, 53.	4.5	22
10	The Nature of Soft Excess in ESO 362-G18 Revealed by XMM-Newton and NuSTAR Spectroscopy. Astrophysical Journal, 2021, 913, 13.	4.5	19
11	The effect of returning radiation on relativistic reflection. Monthly Notices of the Royal Astronomical Society, 2022, 514, 3965-3983.	4.4	19
12	Mass-scaling as a method to constrain outflows and particle acceleration from low-luminosity accreting black holes. Monthly Notices of the Royal Astronomical Society, 0, , stw3150.	4.4	18
13	Modelling correlated variability in accreting black holes: the effect of high density and variable ionization on reverberation lags. Monthly Notices of the Royal Astronomical Society, 2021, 507, 55-73.	4.4	18
14	Spectral and Timing Analysis of NuSTAR and Swift/XRT Observations of the X-Ray Transient MAXI J0637âˆ“430. Astrophysical Journal, 2021, 921, 155.	4.5	15
15	Combining timing characteristics with physical broad-band spectral modelling of black hole X-ray binary GX339âˆ“4. Monthly Notices of the Royal Astronomical Society, 2019, 485, 3696-3714.	4.4	14
16	Conflicting Disk Inclination Estimates for the Black Hole X-Ray Binary XTE J1550âˆ“564. Astrophysical Journal, 2019, 882, 179.	4.5	14
17	Breaking degeneracy in jet dynamics: multi-epoch joint modelling of the BL Lac PKSâ€2155âˆ“304. Monthly Notices of the Royal Astronomical Society, 2019, 482, 4798-4812.	4.4	13
18	High-density disc reflection spectroscopy of low-mass active galactic nuclei. Monthly Notices of the Royal Astronomical Society, 2022, 513, 4361-4379.	4.4	7

#	ARTICLE	IF	CITATIONS
19	The prototype X-ray binary GX 339-4: using TeV γ -rays to assess LMXBs as Galactic cosmic ray accelerators. Monthly Notices of the Royal Astronomical Society, 2022, 510, 5187-5198.	4.4	6
20	Multiwavelength detectability of isolated black holes in the Milky Way. Monthly Notices of the Royal Astronomical Society, 2021, 505, 4036-4047.	4.4	5
21	MAXI and NuSTAR Observations of the Faint X-Ray Transient MAXI J1848-015 in the GLIMPSE-C01 Cluster. Astrophysical Journal, 2022, 927, 190.	4.5	5
22	Extending the Baseline for SMC X-1's Spin and Orbital Behavior with NuSTAR Stray Light. Astrophysical Journal, 2022, 926, 187.	4.5	4
23	On measuring the Hubble constant with X-ray reverberation mapping of active galactic nuclei. Monthly Notices of the Royal Astronomical Society, 2021, 509, 619-633.	4.4	3