

Phil Uttley

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

801
citations

623734

14
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

1185
citing authors

#	ARTICLE	IF	CITATIONS
1	The enhanced X-ray Timing and Polarimetry mission eXTP. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	5.1	178
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	The response of relativistic outflowing gas to the inner accretion disk of a black hole. <i>Nature</i> , 2017, 543, 83-86.	27.8	110
4	A dynamic black hole corona in an active galaxy through X-ray reverberation mapping. <i>Nature Astronomy</i> , 2020, 4, 597-602.	10.1	70
5	A Rapid Change in X-Ray Variability and a Jet Ejection in the Black Hole Transient MAXI J1820+070. <i>Astrophysical Journal Letters</i> , 2020, 891, L29.	8.3	50
6	Phase-resolved spectroscopy of Type B quasi-periodic oscillations in GX 339-4. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 2796-2810.	4.4	43
7	Probing the origin of quasi-periodic oscillations: the short-time-scale evolution of phase lags in GRS 1915+105. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 3655-3666.	4.4	35
8	Rapid Accretion State Transitions following the Tidal Disruption Event AT2018fyk. <i>Astrophysical Journal</i> , 2021, 912, 151.	4.5	34
9	Phase-resolved spectroscopy of a quasi-periodic oscillation in the black hole X-ray binary GRS 1915+105 with NICER and NuSTAR. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 255-279.	4.4	28
10	The NICER Reverberation Machine: A Systematic Study of Time Lags in Black Hole X-Ray Binaries. <i>Astrophysical Journal</i> , 2022, 930, 18.	4.5	28
11	Accretion in strong field gravity with eXTP. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	5.1	27
12	Multi-Wavelength Variability. <i>Space Science Reviews</i> , 2014, 183, 453-476.	8.1	23
13	A systematic study of the phase difference between QPO harmonics in black hole X-ray binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 3834-3844.	4.4	18
14	The high energy Universe at ultra-high resolution: the power and promise of X-ray interferometry. <i>Experimental Astronomy</i> , 2021, 51, 1081-1107.	3.7	14
15	A jet-dominated model for a broad-band spectral energy distribution of the nearby low-luminosity active galactic nucleus in M94. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 435-450.	4.4	5