Phil Uttley

List of Publications by Year
in descending order

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	Phase-resolved spectroscopy of a quasi-periodic oscillation in the black hole X-ray binary GRSÂ1915+105 with NICER and NuSTAR. Monthly Notices of the Royal Astronomical Society, 2022, 511, 255-279.	4.4	28
2	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
3	Cygnus X-1 contains a 21â€“solar mass black holeâ€”Implications for massive star winds. Science, 2021, 371, 1046-1049.	12.6	138
4	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
5	Rapid Accretion State Transitions following the Tidal Disruption Event AT2018fyk. Astrophysical Journal, 2021, 912, 151.	4.5	34
6	A Rapid Change in X-Ray Variability and a Jet Ejection in the Black Hole Transient MAXI J1820+070. Astrophysical Journal Letters, 2020, 891, L29.	8.3	50
7	A dynamic black hole corona in an active galaxy through X-ray reverberation mapping. Nature Astronomy, 2020, 4, 597-602.	10.1	70
8	A systematic study of the phase difference between QPO harmonics in black hole X-ray binaries. Monthly Notices of the Royal Astronomical Society, 2019, 485, 3834-3844.	4.4	18
9	Accretion in strong field gravity with eXTP. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	27
10	The enhanced X-ray Timing and Polarimetry missionâ€”eXTP. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	178
11	The response of relativistic outflowing gas to the inner accretion disk of a black hole. Nature, 2017, 543, 83-86.	27.8	110
12	A jet-dominated model for a broad-band spectral energy distribution of the nearby low-luminosity active galactic nucleus in M94. Monthly Notices of the Royal Astronomical Society, 2017, 468, 435-450.	4.4	5
13	Probing the origin of quasi-periodic oscillations: the short-time-scale evolution of phase lags in GRS 1915+105. Monthly Notices of the Royal Astronomical Society, 2016, 458, 3655-3666.	4.4	35
14	Phase-resolved spectroscopy of Type B quasi-periodic oscillations in GX 339-4. Monthly Notices of the Royal Astronomical Society, 2016, 460, 2796-2810.	4.4	43
15	Multi-Wavelength Variability. Space Science Reviews, 2014, 183, 453-476.	8.1	23