Shuo Zhang

List of Publications by Year
in descending order

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23	1,676	623734 14	677142 22
papers	citations	h-index	g-index

23	23	23	1975
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	First M87 Event Horizon Telescope Results. V. Physical Origin of the Asymmetric Ring. Astrophysical Journal Letters, 2019, 875, L5.	8.3	814
2	NuSTAR DISCOVERY OF A 3.76 s TRANSIENT MAGNETAR NEAR SAGITTARIUS A*. Astrophysical Journal Letters, 2013, 770, L23.	8.3	185
3	First Sagittarius A* Event Horizon Telescope Results. II. EHT and Multiwavelength Observations, Data Processing, and Calibration. Astrophysical Journal Letters, 2022, 930, L13.	8.3	142
4	NuSTARDETECTION OF HIGH-ENERGY X-RAY EMISSION AND RAPID VARIABILITY FROM SAGITTARIUS A^{â‹†}FLARES. Astrophysical Journal, 2014, 786, 46.	4.5	67
5	Extended hard-X-ray emission in the inner few parsecs of the Galaxy. Nature, 2015, 520, 646-649.	27.8	60
6	Observatory science with eXTP. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	50
7	NuSTAR HARD X-RAY SURVEY OF THE GALACTIC CENTER REGION. II. X-RAY POINT SOURCES. Astrophysical Journal, 2016, 825, 132.	4.5	48
8	EVIDENCE FOR INTERMEDIATE POLARS AS THE ORIGIN OF THE GALACTIC CENTER HARD X-RAY EMISSION. Astrophysical Journal, 2016, 826, 160.	4.5	47
9	HARD X-RAY MORPHOLOGICAL AND SPECTRAL STUDIES OF THE GALACTIC CENTER MOLECULAR CLOUD SGR B2: CONSTRAINING PAST SGR A^{â‹†} FLARING ACTIVITY. Astrophysical Journal, 2015, 815, 132.	4.5	44
10	NuSTARHARD X-RAY SURVEY OF THE GALACTIC CENTER REGION. I. HARD X-RAY MORPHOLOGY AND SPECTROSCOPY OF THE DIFFUSE EMISSION. Astrophysical Journal, 2015, 814, 94.	4.5	42
11	STATISTICS OF X-RAY FLARES OF SAGITTARIUS A^{â‹†}: EVIDENCE FOR SOLAR-LIKE SELF-ORGANIZED CRITICALITY PHENOMENA. Astrophysical Journal, 2015, 810, 19.	4.5	38
12	Sagittarius A * High-energy X-Ray Flare Properties during NuStar Monitoring of the Galactic Center from 2012 to 2015. Astrophysical Journal, 2017, 843, 96.	4.5	23
13	HIGH-ENERGY X-RAY DETECTION OF G359.89â€“0.08 (SGR Aâ€“E): MAGNETIC FLUX TUBE EMISSION POWERED BY COSMIC RAYS?. Astrophysical Journal, 2014, 784, 6.	4.5	21
14	HIGH-ENERGY X-RAYS FROM J174545.5-285829, THE CANNONBALL: A CANDIDATE PULSAR WIND NEBULA ASSOCIATED WITH Sgr A EAST. Astrophysical Journal Letters, 2013, 778, L31.	8.3	16
15	A Deep Chandra View of a Candidate Parsec-scale Jet from the Galactic Center Supermassive Black Hole. Astrophysical Journal, 2019, 875, 44.	4.5	15
16	NuSTAR and Chandra Observations of the Galactic Center Nonthermal X-Ray Filament G0.13â€“0.11: A Pulsar-wind-nebula-driven Magnetic Filament. Astrophysical Journal, 2020, 893, 3.	4.5	11
17	NUSTAR AND XMM-NEWTON OBSERVATIONS OF 1E1743.1-2843: INDICATIONS OF A NEUTRON STAR LMXB NATURE OF THE COMPACT OBJECT. Astrophysical Journal, 2016, 822, 57.	4.5	10
18	NuSTAR ground calibration: The Rainwater Memorial Calibration Facility (RaMCaF). Proceedings of SPIE, 2011, , .	0.8	9

#	Article	IF	Citations
19	G359.97-0.038: A HARD X-RAY FILAMENT ASSOCIATED WITH A SUPERNOVA SHELL-MOLECULAR CLOUD INTERACTION. Astrophysical Journal, 2015, 800, 119.	4.5	9
20	NuSTAR Hard X-Ray Observation of the Gamma-Ray Binary Candidate HESS J1832â€“093. Astrophysical Journal, 2017, 848, 80.	4.5	9
21	NuSTAR Detection of a Hard X-Ray Source in the Supernova Remnant-molecular Cloud Interaction Site of IC 443. Astrophysical Journal, 2018, 859, 141.	4.5	8
22	Investigating the origin of the faint non-thermal emission of the Arches cluster using the 2015â€“2016NuSTARandXMMâ€“NewtonX-ray observations. Monthly Notices of the Royal Astronomical Society, 2019, 484, 1627-1636.	4.4	8
23	Statistical and theoretical studies of flares from SagittariusÂAâ†. Proceedings of the International Astronomical Union, 2016, 11, 31-38.	0.0	0