

Shuo Zhang

List of Publications by Year in descending order

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papers

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623734

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1975
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#	ARTICLE	IF	CITATIONS
1	First Sagittarius A* Event Horizon Telescope Results. II. EHT and Multiwavelength Observations, Data Processing, and Calibration. <i>Astrophysical Journal Letters</i> , 2022, 930, L13.	8.3	142
2	NuSTAR and Chandra Observations of the Galactic Center Nonthermal X-Ray Filament G0.13+0.11: A Pulsar-wind-nebula-driven Magnetic Filament. <i>Astrophysical Journal</i> , 2020, 893, 3.	4.5	11
3	A Deep Chandra View of a Candidate Parsec-scale Jet from the Galactic Center Supermassive Black Hole. <i>Astrophysical Journal</i> , 2019, 875, 44.	4.5	15
4	First M87 Event Horizon Telescope Results. V. Physical Origin of the Asymmetric Ring. <i>Astrophysical Journal Letters</i> , 2019, 875, L5.	8.3	814
5	Investigating the origin of the faint non-thermal emission of the Arches cluster using the 2015–2016 NuSTAR and XMM-Newton X-ray observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 1627-1636.	4.4	8
6	Observatory science with eXTP. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	5.1	50
7	NuSTAR Detection of a Hard X-Ray Source in the Supernova Remnant-molecular Cloud Interaction Site of IC 443. <i>Astrophysical Journal</i> , 2018, 859, 141.	4.5	8
8	Sagittarius A* High-energy X-Ray Flare Properties during NuStar Monitoring of the Galactic Center from 2012 to 2015. <i>Astrophysical Journal</i> , 2017, 843, 96.	4.5	23
9	NuSTAR Hard X-Ray Observation of the Gamma-Ray Binary Candidate HESS J1832+093. <i>Astrophysical Journal</i> , 2017, 848, 80.	4.5	9
10	NuSTAR AND XMM-NEWTON OBSERVATIONS OF 1E1743.1-2843: INDICATIONS OF A NEUTRON STAR LMXB NATURE OF THE COMPACT OBJECT. <i>Astrophysical Journal</i> , 2016, 822, 57.	4.5	10
11	NuSTAR HARD X-RAY SURVEY OF THE GALACTIC CENTER REGION. II. X-RAY POINT SOURCES. <i>Astrophysical Journal</i> , 2016, 825, 132.	4.5	48
12	Statistical and theoretical studies of flares from Sagittarius A*. <i>Proceedings of the International Astronomical Union</i> , 2016, 11, 31-38.	0.0	0
13	EVIDENCE FOR INTERMEDIATE POLARS AS THE ORIGIN OF THE GALACTIC CENTER HARD X-RAY EMISSION. <i>Astrophysical Journal</i> , 2016, 826, 160.	4.5	47
14	STATISTICS OF X-RAY FLARES OF SAGITTARIUS A*: EVIDENCE FOR SOLAR-LIKE SELF-ORGANIZED CRITICALITY PHENOMENA. <i>Astrophysical Journal</i> , 2015, 810, 19.	4.5	38
15	NuSTAR HARD X-RAY SURVEY OF THE GALACTIC CENTER REGION. I. HARD X-RAY MORPHOLOGY AND SPECTROSCOPY OF THE DIFFUSE EMISSION. <i>Astrophysical Journal</i> , 2015, 814, 94.	4.5	42
16	HARD X-RAY MORPHOLOGICAL AND SPECTRAL STUDIES OF THE GALACTIC CENTER MOLECULAR CLOUD SGR B2: CONSTRAINING PAST SGR A* FLARING ACTIVITY. <i>Astrophysical Journal</i> , 2015, 815, 132.	4.5	44
17	G359.97-0.038: A HARD X-RAY FILAMENT ASSOCIATED WITH A SUPERNOVA SHELL-MOLECULAR CLOUD INTERACTION. <i>Astrophysical Journal</i> , 2015, 800, 119.	4.5	9
18	Extended hard-X-ray emission in the inner few parsecs of the Galaxy. <i>Nature</i> , 2015, 520, 646-649.	27.8	60

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19	HIGH-ENERGY X-RAY DETECTION OF G359.89±0.08 (SGR A±E): MAGNETIC FLUX TUBE EMISSION POWERED BY COSMIC RAYS?. <i>Astrophysical Journal</i> , 2014, 784, 6.	4.5	21
20	<i>NuSTAR</i> DETECTION OF HIGH-ENERGY X-RAY EMISSION AND RAPID VARIABILITY FROM SAGITTARIUS A^{±†} FLARES. <i>Astrophysical Journal</i> , 2014, 786, 46.	4.5	67
21	<i>NuSTAR</i> DISCOVERY OF A 3.76 s TRANSIENT MAGNETAR NEAR SAGITTARIUS A*. <i>Astrophysical Journal Letters</i> , 2013, 770, L23.	8.3	185
22	HIGH-ENERGY X-RAYS FROM J174545.5-285829, THE CANNONBALL: A CANDIDATE PULSAR WIND NEBULA ASSOCIATED WITH Sgr A EAST. <i>Astrophysical Journal Letters</i> , 2013, 778, L31.	8.3	16
23	NuSTAR ground calibration: The Rainwater Memorial Calibration Facility (RaMCaF). <i>Proceedings of SPIE</i> , 2011, , .	0.8	9