Kaya Mori

List of Publications by Year
in descending order

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39 papers	2,747 citations	430874 18 h-index	302126 39 g-index
40 all docs	40 docs citations	40 times ranked	3578 citing authors

#	Article	IF	Citations
1	THENUCLEAR SPECTROSCOPIC TELESCOPE ARRAY(NuSTAR) HIGH-ENERGY X-RAY MISSION. Astrophysical Journal, 2013, 770, 103.	4.5	1,627
2	NuSTAR DISCOVERY OF A 3.76 s TRANSIENT MAGNETAR NEAR SAGITTARIUS A*. Astrophysical Journal Letters, 2013, 770, L23.	8.3	185
3	A density cusp of quiescent X-ray binaries in the central parsec of the Galaxy. Nature, 2018, 556, 70-73.	27.8	115
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	THE DISK WIND IN THE RAPIDLY SPINNING STELLAR-MASS BLACK HOLE 4U 1630â€“472 OBSERVED WITH NuSTAR. Astrophysical Journal Letters, 2014, 784, L2.	8.3	65
6	TIMING AND FLUX EVOLUTION OF THE GALACTIC CENTER MAGNETAR SGR J1745â€“2900. Astrophysical Journal, 2014, 786, 84.	4.5	63
7	Extended hard-X-ray emission in the inner few parsecs of the Galaxy. Nature, 2015, 520, 646-649.	27.8	60
8	NuSTAR HARD X-RAY SURVEY OF THE GALACTIC CENTER REGION. II. X-RAY POINT SOURCES. Astrophysical Journal, 2016, 825, 132.	4.5	48
9	EVIDENCE FOR INTERMEDIATE POLARS AS THE ORIGIN OF THE GALACTIC CENTER HARD X-RAY EMISSION. Astrophysical Journal, 2016, 826, 160.	4.5	47
10	NuSTARSTUDY OF HARD X-RAY MORPHOLOGY AND SPECTROSCOPY OF PWN G21.5â€“0.9. Astrophysical Journal, 2014, 789, 72.	4.5	46
11	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
12	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
13	NuSTAROBSERVATIONS OF X-RAY BURSTS FROM THE MAGNETAR 1E 1048.1â€“5937. Astrophysical Journal, 2014, 790, 60.	4.5	31
14	A BROADBAND X-RAY STUDY OF THE GEMINGA PULSAR WITHNuSTARANDXMM-NEWTON. Astrophysical Journal, 2014, 793, 88.	4.5	30
15	HIGH-ENERGY X-RAY IMAGING OF THE PULSAR WIND NEBULA MSH 15â€“52: CONSTRAINTS ON PARTICLE ACCELERATION AND TRANSPORT. Astrophysical Journal, 2014, 793, 90.	4.5	23
16	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
17	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
18	NuSTAR DISCOVERY OF A CYCLOTRON LINE IN THE ACCRETING X-RAY PULSAR IGR J16393-4643. Astrophysical Journal, 2016, 823, 146.	4.5	20

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19	First results from the ground calibration of the NuSTAR flight optics. Proceedings of SPIE, 2011, , .	0.8	16
20	The NuSTAR Hard X-Ray Survey of the Norma Arm Region. Astrophysical Journal, Supplement Series, 2017, 229, 33.	7.7	15
21	NuSTAR and XMMâ€“Newton observations of the Arches cluster in 2015: fading hard X-ray emission from the molecular cloud. Monthly Notices of the Royal Astronomical Society, 2017, 468, 2822-2835.	4.4	13
22	The X-Ray Binary Population in the Galactic Center Revealed through Multi-decade Observations. Astrophysical Journal, 2021, 921, 148.	4.5	12
23	The Eel Pulsar Wind Nebula: A PeVatron-candidate Origin for HAWC J1826â˜’128 and HESS J1826â˜’130. Astrophysical Journal, 2022, 930, 148.	4.5	12
24	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
25	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
26	Multiwavelength Investigation of Pulsar Wind Nebula DA 495 with HAWC, VERITAS, and NuSTAR. Astrophysical Journal, 2019, 878, 126.	4.5	10
27	NuSTAR Observations of the Unidentified INTEGRAL Sources: Constraints on the Galactic Population of HMXBs. Astrophysical Journal, 2019, 887, 32.	4.5	10
28	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
29	NuSTAR Hard X-Ray Observation of the Gamma-Ray Binary Candidate HESS J1832â€“093. Astrophysical Journal, 2017, 848, 80.	4.5	9
30	INITIAL RESULTS FROMNuSTAROBSERVATIONS OF THE NORMA ARM. Astrophysical Journal, 2014, 791, 68.	4.5	8
31	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
32	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
33	NuSTAR and Chandra Observations of New X-Ray Transients in the Central Parsec of the Galaxy. Astrophysical Journal, 2019, 885, 142.	4.5	8
34	Galactic Sources Detected in the NuSTAR Serendipitous Survey. Astrophysical Journal, Supplement Series, 2017, 230, 25.	7.7	7
35	Observation and origin of non-thermal hard X-rays from Jupiter. Nature Astronomy, 2022, 6, 442-448.	10.1	7
36	Multiwavelength Observations of 2HWC J1928+177: Dark Accelerator or New TeV Gamma-Ray Binary?. Astrophysical Journal, 2020, 897, 129.	4.5	5

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37	X-Ray Monitoring of the Magnetar CXOU J171405.7â€“381031 in Supernova Remnant CTB 37B. Astrophysical Journal, 2019, 882, 173.	4.5	4
38	Chandra, NuSTAR, and Optical Observations of the Cataclysmic Variables IGR J17528-2022 and IGR J20063+3641. Astrophysical Journal, 2021, 914, 85.	4.5	4
39	Multiwavelength Observation Campaign of the TeV Gamma-Ray Binary HESS J0632 + 057 with NuSTAR, VERITAS, MDM, and Swift. Astrophysical Journal, 2021, 923, 17.	4.5	4