

Kaya Mori

List of Publications by Year in descending order

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39
papers

2,747
citations

430874

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302126

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docs citations

40
times ranked

3578
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation and origin of non-thermal hard X-rays from Jupiter. <i>Nature Astronomy</i> , 2022, 6, 442-448.	10.1	7
2	The Eel Pulsar Wind Nebula: A PeVatron-candidate Origin for HAWC J1826 \hat{a} ~128 and HESS J1826 \hat{a} ~130. <i>Astrophysical Journal</i> , 2022, 930, 148.	4.5	12
3	Chandra, NuSTAR, and Optical Observations of the Cataclysmic Variables IGR J17528-2022 and IGR J20063+3641. <i>Astrophysical Journal</i> , 2021, 914, 85.	4.5	4
4	The X-Ray Binary Population in the Galactic Center Revealed through Multi-decade Observations. <i>Astrophysical Journal</i> , 2021, 921, 148.	4.5	12
5	Multiwavelength Observation Campaign of the TeV Gamma-Ray Binary HESS J0632 + 057 with NuSTAR, VERITAS, MDM, and Swift. <i>Astrophysical Journal</i> , 2021, 923, 17.	4.5	4
6	Multiwavelength Observations of 2HWC J1928+177: Dark Accelerator or New TeV Gamma-Ray Binary?. <i>Astrophysical Journal</i> , 2020, 897, 129.	4.5	5
7	NuSTAR and Chandra Observations of the Galactic Center Nonthermal X-Ray Filament G0.13 \hat{a} ~0.11: A Pulsar-wind-nebula-driven Magnetic Filament. <i>Astrophysical Journal</i> , 2020, 893, 3.	4.5	11
8	Multiwavelength Investigation of Pulsar Wind Nebula DA 495 with HAWC, VERITAS, and NuSTAR. <i>Astrophysical Journal</i> , 2019, 878, 126.	4.5	10
9	Investigating the origin of the faint non-thermal emission of the Arches cluster using the 2015 \hat{a} ~2016<i>NuSTAR</i>and<i>XMM \hat{a} ~Newton</i>X-ray observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 1627-1636.	4.4	8
10	X-Ray Monitoring of the Magnetar CXOU J171405.7 \hat{a} ~381031 in Supernova Remnant CTB 37B. <i>Astrophysical Journal</i> , 2019, 882, 173.	4.5	4
11	NuSTAR and Chandra Observations of New X-Ray Transients in the Central Parsec of the Galaxy. <i>Astrophysical Journal</i> , 2019, 885, 142.	4.5	8
12	NuSTAR Observations of the Unidentified INTEGRAL Sources: Constraints on the Galactic Population of HMXBs. <i>Astrophysical Journal</i> , 2019, 887, 32.	4.5	10
13	A density cusp of quiescent X-ray binaries in the central parsec of the Galaxy. <i>Nature</i> , 2018, 556, 70-73.	27.8	115
14	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
15	The NuSTAR Hard X-Ray Survey of the Norma Arm Region. <i>Astrophysical Journal, Supplement Series</i> , 2017, 229, 33.	7.7	15
16	NuSTAR and XMM \hat{a} ~Newton observations of the Arches cluster in 2015: fading hard X-ray emission from the molecular cloud. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 2822-2835.	4.4	13
17	Galactic Sources Detected in the NuSTAR Serendipitous Survey. <i>Astrophysical Journal, Supplement Series</i> , 2017, 230, 25.	7.7	7
18	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

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19	NuSTAR Hard X-Ray Observation of the Gamma-Ray Binary Candidate HESS J1832-093. <i>Astrophysical Journal</i> , 2017, 848, 80.	4.5	9
20	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
21	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
22	NuSTAR DISCOVERY OF A CYCLOTRON LINE IN THE ACCRETING X-RAY PULSAR IGR J16393-4643. <i>Astrophysical Journal</i> , 2016, 823, 146.	4.5	20
23	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
24	<i>NuSTAR</i> 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
25	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
26	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
27	Extended hard-X-ray emission in the inner few parsecs of the Galaxy. <i>Nature</i> , 2015, 520, 646-649.	27.8	60
28	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
29	A BROADBAND X-RAY STUDY OF THE GEMINGA PULSAR WITH <i>NuSTAR</i> AND <i>XMM-NEWTON</i> . <i>Astrophysical Journal</i> , 2014, 793, 88.	4.5	30
30	HIGH-ENERGY X-RAY IMAGING OF THE PULSAR WIND NEBULA MSH 15-52: CONSTRAINTS ON PARTICLE ACCELERATION AND TRANSPORT. <i>Astrophysical Journal</i> , 2014, 793, 90.	4.5	23
31	<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
32	TIMING AND FLUX EVOLUTION OF THE GALACTIC CENTER MAGNETAR SGR J1745-2900. <i>Astrophysical Journal</i> , 2014, 786, 84.	4.5	63
33	THE DISK WIND IN THE RAPIDLY SPINNING STELLAR-MASS BLACK HOLE 4U 1630-472 OBSERVED WITH <i>NuSTAR</i> . <i>Astrophysical Journal Letters</i> , 2014, 784, L2.	8.3	65
34	<i>NuSTAR</i> OBSERVATIONS OF X-RAY BURSTS FROM THE MAGNETAR 1E 1048.1-5937. <i>Astrophysical Journal</i> , 2014, 790, 60.	4.5	31
35	<i>NuSTAR</i> STUDY OF HARD X-RAY MORPHOLOGY AND SPECTROSCOPY OF PWN G21.5-0.9. <i>Astrophysical Journal</i> , 2014, 789, 72.	4.5	46
36	INITIAL RESULTS FROM <i>NuSTAR</i> OBSERVATIONS OF THE NORMA ARM. <i>Astrophysical Journal</i> , 2014, 791, 68.	4.5	8

#	ARTICLE	IF	CITATIONS
37	<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
38	THE <i>NUCLEAR SPECTROSCOPIC TELESCOPE ARRAY</i> (<i>NuSTAR</i>) HIGH-ENERGY X-RAY MISSION. <i>Astrophysical Journal</i> , 2013, 770, 103.	4.5	1,627
39	First results from the ground calibration of the <i>NuSTAR</i> flight optics. <i>Proceedings of SPIE</i> , 2011, , .	0.8	16