Makoto Yamauchi

List of Publications by Year
in descending order

41 papers	1,788 citations	759233 12 h-index	434195 31 g-index
41 all docs	41 docs citations	41 times ranked	1841 citing authors

#	Article	IF	Citations
1	The X-Ray Observatory Suzaku. Publication of the Astronomical Society of Japan, 2007, 59, S1-S7.	2.5	823
2	The quiescent intracluster medium in the core of the Perseus cluster. Nature, 2016, 535, 117-121.	27.8	348
3	Gas Slit Camera (GSC) onboard MAXI on ISS. Publication of the Astronomical Society of Japan, 2011, 63, S623-S634.	2.5	149
4	The ASTRO-H X-ray Observatory. Proceedings of SPIE, 2012, , .	0.8	63
5	The ASTRO-H X-ray astronomy satellite. Proceedings of SPIE, 2014, , .	0.8	45
6	Design and In-Orbit Performance of the Suzaku Wide-Band All-Sky Monitor. Publication of the Astronomical Society of Japan, 2009, 61, S35-S53.	2.5	44
7	The MAXI/GSC Nova-Alert System and results of its first 68 months. Publication of the Astronomical Society of Japan, 2016, 68, .	2.5	40
8	Design and Performance of the Wide-Field X-Ray Monitor on Board the High-Energy Transient Explorer 2. Publication of the Astronomical Society of Japan, 2003, 55, 1033-1049.	2.5	31
9	THE 37 MONTH MAXI/GSC SOURCE CATALOG OF THE HIGH GALACTIC-LATITUDE SKY. Astrophysical Journal, Supplement Series, 2013, 207, 36.	7.7	30
10	Spectral Evolution of a New X-Ray Transient MAXI J0556â^'332 Observed by MAXI, Swift, and RXTE. Publication of the Astronomical Society of Japan, 2013, 65, .	2.5	19
11	<title>MAXI (monitor of all-sky x-ray image) for JEM on the Space Station</title>. , 1997, , .		17
12	Proton radiation damage experiment on P-Channel CCD for an X-ray CCD camera onboard the ASTRO-H satellite. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 731, 160-165.	1.6	17
13	Soft X-ray Imager (SXI) onboard ASTRO-H. Proceedings of SPIE, 2014, , .	0.8	16
14	In-orbit performance of the soft X-ray imaging system aboard Hitomi (ASTRO-H). Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	16
15	Soft x-ray imager (SXI) onboard ASTRO-H. , 2010, , .		15
16	Spectral Evolution of GRB060904A Observed with Swift and Suzaku- Possibility of Inefficient Electron Acceleration. Publication of the Astronomical Society of Japan, 2008, 60, S351-S360.	2.5	11
17	Swift and Suzaku Observations of the X-Ray Afterglow from the GRB 060105. Publication of the Astronomical Society of Japan, 2007, 59, S361-S367.	2.5	10
18	Suzaku Wide-band All-sky Monitor measurements of duration distributions of gamma-ray bursts. Publication of the Astronomical Society of Japan, 2016, 68, .	2.5	10

#	Article	IF	Citations
19	Use of a charge-injection technique to improve performance of the Soft X-ray Imager aboard ASTRO-H. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 765, 269-274.	1.6	9
20	Discovery of a New X-Ray Burst/Millisecond Accreting Pulsar, HETE J1900.1-2455. Publication of the Astronomical Society of Japan, 2007, 59, 263-268.	2.5	8
21	Monitor of All-sky X-ray Image (MAXI). AIP Conference Proceedings, 2000, , .	0.4	7
22	Time-Resolved Spectral Variability of the Prompt Emission from GRB 070125 Observed with Suzaku/WAM. Publication of the Astronomical Society of Japan, 2010, 62, 547-556.	2.5	6
23	Soft x-ray imager (SXI) onboard ASTRO-H. , 2016, , .		6
24	HETE-2 Localization and Observations of the Gamma-Ray Burst GRB 020813. Publication of the Astronomical Society of Japan, 2005, 57, 1031-1039.	2.5	5
25	HETE-2 Observations of the X-Ray Flash XRF 040916. Publication of the Astronomical Society of Japan, 2007, 59, 695-702.	2.5	5
26	In-orbit performance of wide-field x-ray monitor on HETE-2. , 2003, , .		4
27	Characterization of proton irradiated AgInSe2thin film. Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, 1067-1069.	0.8	4
28	Development of the soft x-ray imager (SXI) for ASTRO-H. Proceedings of SPIE, 2011, , .	0.8	4
29	Soft x-ray imaging telescope (Xtend) onboard X-ray Astronomy Recovery Mission (XARM). , 2018, , .		4
30	Peculiarly Narrow SED of GRB 090926B with MAXI and Fermi/GBM. Publication of the Astronomical Society of Japan, 2011, 63, S1035-S1040.	2.5	3
31	Soft x-ray imager (SXI) onboard ASTRO-H. Proceedings of SPIE, 2012, , .	0.8	3
32	Soft x-ray imager onboard ASTRO-H. Proceedings of SPIE, 2013, , .	0.8	3
33	MAXI: all-sky observation from the International Space Station. , 2014, , .		3
34	Suzaku Wide-band All-sky Monitor (WAM) observations of GRBs and SGRs. Publication of the Astronomical Society of Japan, 2017, 69, .	2.5	3
35	Experimental studies on the charge transfer inefficiency of CCD developed for the soft X-ray imaging telescope Xtend aboard the XRISM satellite. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 984, 164646.	1.6	3
36	The Soft X-ray Imager (SXI) for the ASTRO-H Mission. Proceedings of SPIE, 2015, , .	0.8	2

#	Article	IF	Citations
37	‹title›Performance of Wide-field X-ray Monitor on board HETE (High-Energy Transient) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 74		1
38	Spectral properties of gamma-ray bursts observed by the Suzaku wide-band all-sky monitor. Publication of the Astronomical Society of Japan, 2019, 71, .	2.5	1
39	Recovery Effect from a Deposit on the Anode Wire of Proportional Counters. Japanese Journal of Applied Physics, 1993, 32, 3606-3607.	1.5	0
40	HETE-2 Observations of Gamma-Ray Bursts and Their Follow-Ups. Progress of Theoretical Physics Supplement, 2004, 155, 279-286.	0.1	0
41	Current Status of the Suzaku Wide-band All-sky Monitor (WAM). , 2009, , .		0