

Yukikatsu Terada

List of Publications by Year in descending order

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234
papers

7,136
citations

87888

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66911

78
g-index

237
all docs

237
docs citations

237
times ranked

5291
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	Design concepts for the Cherenkov Telescope Array CTA: an advanced facility for ground-based high-energy gamma-ray astronomy. Experimental Astronomy, 2011, 32, 193-316.	3.7	640
3	Introducing the CTA concept. Astroparticle Physics, 2013, 43, 3-18.	4.3	504
4	Hard X-Ray Detector (HXD) on Board Suzaku. Publication of the Astronomical Society of Japan, 2007, 59, S35-S51.	2.5	413
5	The quiescent intracluster medium in the core of the Perseus cluster. Nature, 2016, 535, 117-121.	27.8	348
6	In-Orbit Performance of the Hard X-Ray Detector on Board Suzaku. Publication of the Astronomical Society of Japan, 2007, 59, S53-S76.	2.5	287
7	Modeling and Reproducibility of Suzaku HXD PIN/GSO Background. Publication of the Astronomical Society of Japan, 2009, 61, S17-S33.	2.5	184
8	The ASTRO-H Mission. Proceedings of SPIE, 2010, , .	0.8	125
9	INVERSE COMPTON X-RAY EMISSION FROM SUPERNOVAE WITH COMPACT PROGENITORS: APPLICATION TO SN2011fe. Astrophysical Journal, 2012, 751, 134.	4.5	99
10	EXPANSION VELOCITY OF EJECTA IN TYCHO'S SUPERNOVA REMNANT MEASURED BY DOPPLER BROADENED X-RAY LINE EMISSION. Astrophysical Journal, 2010, 725, 894-903.	4.5	95
11	Concept of the X-ray Astronomy Recovery Mission. , 2018, , .		85
12	Radioactive decay products in neutron star merger ejecta: heating efficiency and $\hat{\gamma}$ -ray emission. Monthly Notices of the Royal Astronomical Society, 2016, 459, 35-43.	4.4	84
13	Hitomi Constraints on the 3.5 keV Line in the Perseus Galaxy Cluster. Astrophysical Journal Letters, 2017, 837, L15.	8.3	84
14	Suzaku Observations of the Local and Distant Hot ISM. Publication of the Astronomical Society of Japan, 2007, 59, S141-S150.	2.5	83
15	Development of the HXD-II wide-band all-sky monitor onboard Astro-E2. IEEE Transactions on Nuclear Science, 2005, 52, 2765-2772.	2.0	81
16	Solar abundance ratios of the iron-peak elements in the Perseus cluster. Nature, 2017, 551, 478-480.	27.8	73
17	Progenitors of type Ia supernovae. International Journal of Modern Physics D, 2016, 25, 1630024.	2.1	67
18	Hitomi (ASTRO-H) X-ray Astronomy Satellite. Journal of Astronomical Telescopes, Instruments, and Systems, 2018, 4, 1.	1.8	64

#	ARTICLE	IF	CITATIONS
19	Hard X-ray and γ -ray detectors for the NeXT mission. <i>New Astronomy Reviews</i> , 2004, 48, 269-273.	12.8	63
20	The ASTRO-H X-ray Observatory. <i>Proceedings of SPIE</i> , 2012, , .	0.8	63
21	Improvements of the astro-E2 hard X-ray detector (HXD-II). <i>IEEE Transactions on Nuclear Science</i> , 2004, 51, 1991-1996.	2.0	58
22	Atmospheric gas dynamics in the Perseus cluster observed with Hitomi. <i>Publication of the Astronomical Society of Japan</i> , 2018, 70, .	2.5	57
23	SEARCH FOR GRAVITATIONAL WAVE BURSTS FROM SIX MAGNETARS. <i>Astrophysical Journal Letters</i> , 2011, 734, L35.	8.3	55
24	The Astro-H high resolution soft x-ray spectrometer. <i>Proceedings of SPIE</i> , 2016, , .	0.8	51
25	The high-resolution x-ray microcalorimeter spectrometer system for the SXS on ASTRO-H. <i>Proceedings of SPIE</i> , 2010, , .	0.8	50
26	Suzaku Discovery of Hard X-Ray Pulsations from a Rotating Magnetized White Dwarf, AEAquarii. <i>Publication of the Astronomical Society of Japan</i> , 2008, 60, 387-397.	2.5	49
27	Suzaku Discovery of a Hard X-Ray Tail in the Persistent Spectra from the Magnetar 1E 1547.0-\$5408 during its 2009 Activity. <i>Publication of the Astronomical Society of Japan</i> , 2010, 62, 475-485.	2.5	47
28	The ASTRO-H (Hitomi) x-ray astronomy satellite. <i>Proceedings of SPIE</i> , 2016, , .	0.8	47
29	Atomic data and spectral modeling constraints from high-resolution X-ray observations of the Perseus cluster with Hitomi. <i>Publication of the Astronomical Society of Japan</i> , 2018, 70, .	2.5	46
30	Cyclotron Resonance Energies at a Low X-Ray Luminosity: A0535+262 Observed with Suzaku. <i>Astrophysical Journal</i> , 2006, 648, L139-L142.	4.5	45
31	Suzaku Observations of Tycho's Supernova Remnant. <i>Publication of the Astronomical Society of Japan</i> , 2009, 61, S167-S174.	2.5	45
32	The ASTRO-H X-ray astronomy satellite. <i>Proceedings of SPIE</i> , 2014, , .	0.8	45
33	Suzaku Wide-Band Observations of SN 1006. <i>Publication of the Astronomical Society of Japan</i> , 2008, 60, S153-S161.	2.5	44
34	Design and In-Orbit Performance of the Suzaku Wide-Band All-Sky Monitor. <i>Publication of the Astronomical Society of Japan</i> , 2009, 61, S35-S53.	2.5	44
35	A MISSING-LINK IN THE SUPERNOVA-GRB CONNECTION: THE CASE OF SN 2012ap. <i>Astrophysical Journal</i> , 2015, 805, 187.	4.5	43
36	Development and qualification of the HXD-II onboard Astro-E2. , 2004, , .		42

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37	SN 2010ay IS A LUMINOUS AND BROAD-LINED TYPE Ic SUPERNOVA WITHIN A LOW-METALLICITY HOST GALAXY. <i>Astrophysical Journal</i> , 2012, 756, 184.	4.5	42
38	THE INTERPLANETARY NETWORK SUPPLEMENT TO THE <i>FERMI</i> GBM CATALOG OF COSMIC GAMMA-RAY BURSTS. <i>Astrophysical Journal</i> , Supplement Series, 2013, 207, 39.	7.7	42
39	DISCOVERY OF THE TRANSIENT MAGNETAR 3XMM J185246.6+003317 NEAR SUPERNOVA REMNANT KESTEVEN 79 WITH <i>XMM-NEWTON</i>. <i>Astrophysical Journal Letters</i> , 2014, 781, L16.	8.3	40
40	Suzaku X-Ray Imaging and Spectroscopy of Cassiopeia A. Publication of the Astronomical Society of Japan, 2009, 61, 1217-1228.	2.5	39
41	Soft gamma-ray detector for the ASTRO-H Mission. <i>Proceedings of SPIE</i> , 2010, , .	0.8	38
42	In-Orbit Timing Calibration of the Hard X-Ray Detector on Board Suzaku. Publication of the Astronomical Society of Japan, 2008, 60, S25-S33.	2.5	37
43	Suzaku Observations of SS Cygni in Quiescence and Outburst. Publication of the Astronomical Society of Japan, 2009, 61, S77-S91.	2.5	36
44	Status of x-ray imaging and spectroscopy mission (XRISM). , 2020, , .		36
45	Application of CdTe for the NeXT mission. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2005, 541, 332-341.	1.6	35
46	Suzaku Observations of Hercules X-1: Measurements of the Two Cyclotron Harmonics. Publication of the Astronomical Society of Japan, 2008, 60, S57-S68.	2.5	33
47	Wide band X-ray Imager (WXI) and Soft Gamma-ray Detector (SGD) for the NeXT Mission. , 2004, , .		32
48	The Nature of a Cosmic-Ray Accelerator, CTB 37 B, Observed with Suzaku and Chandra. Publication of the Astronomical Society of Japan, 2009, 61, S197-S207.	2.5	32
49	Search for Gravitational Waves Associated with $\dot{\Gamma}^3$-ray Bursts Detected by the Interplanetary Network. <i>Physical Review Letters</i> . 2014. 113. 011102.	7.8	32
50	LONG-LASTING X-RAY EMISSION FROM TYPE IIb SUPERNOVA 2011dh AND MASS-LOSS HISTORY OF THE YELLOW SUPERGIANT PROGENITOR. <i>Astrophysical Journal</i> , 2014, 785, 95.	4.5	31
51	The NeXT Mission. , 2008, , .		30
52	A DOUBLE-PEAKED OUTBURST OF A 0535+26 OBSERVED WITH <i>INTEGRAL</i> , <i>RXTE</i> , AND <i>SUZAKU</i>. <i>Astrophysical Journal Letters</i> , 2013, 764, L23.	8.3	30
53	Soft x-ray spectrometer (SXS): the high-resolution cryogenic spectrometer onboard ASTRO-H. <i>Proceedings of SPIE</i> , 2014, , .	0.8	29
54	Measurements of resonant scattering in the Perseus Cluster core with Hitomi SXS. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	29

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55	Hard x-ray imager onboard Hitomi (ASTRO-H). Journal of Astronomical Telescopes, Instruments, and Systems, 2018, 4, 1.	1.8	29
56	TWO DISTINCT-ABSORPTION X-RAY COMPONENTS FROM TYPE II _n SUPERNOVAE: EVIDENCE FOR ASPHERICITY IN THE CIRCUMSTELLAR MEDIUM. Astrophysical Journal, 2016, 832, 194.	4.5	27
57	Hitomi observation of radio galaxy NGC 1275: The first X-ray microcalorimeter spectroscopy of Fe-K α line emission from an active galactic nucleus. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	27
58	Development of a Monte Carlo Simulator for the Astro-E2 hard X-ray detector (HXD-II). IEEE Transactions on Nuclear Science, 2005, 52, 902-909.	2.0	26
59	The Transition from Young to Middle-aged Supernova Remnants: Thermal and Nonthermal Aspects of SNR N132D. Astrophysical Journal, 2018, 854, 71.	4.5	26
60	Performance of the ASTRO-E hard X-ray detector. IEEE Transactions on Nuclear Science, 2002, 49, 1893-1897.	2.0	25
61	<i>SUZAKU</i> OBSERVATIONS OF THE HMXB 1A 1118. Astrophysical Journal, 2011, 733, 15.	4.5	25
62	Broadband X-ray Spectroscopy of A0535+262 with <i>Suzaku</i>. Astrophysical Journal, 2008, 672, 516-523.	4.5	24
63	PROSPECT OF STUDYING HARD X- AND GAMMA-RAYS FROM TYPE Ia SUPERNOVAE. Astrophysical Journal, 2012, 760, 54.	4.5	24
64	An Apparent Hard X-Ray Decline of CH Cygni. Publication of the Astronomical Society of Japan, 2007, 59, S177-S183.	2.5	23
65	Broad-band properties of the hard X-ray cataclysmic variables IGR J00234+6141 and 1RXS J213344.1+510725. Astronomy and Astrophysics, 2009, 501, 1047-1058.	5.1	23
66	A Spectral Study of the Black Hole Candidate XTE J1752-223 in the High/Soft State with MAXI, Suzaku, and Swift. Publication of the Astronomical Society of Japan, 2012, 64, .	2.5	23
67	POSSIBLE DETECTION OF AN EMISSION CYCLOTRON RESONANCE SCATTERING FEATURE FROM THE ACCRETION-POWERED PULSAR 4U 1626. Astrophysical Journal, 2012, 751, 35.	4.5	23
68	INTERPLANETARY NETWORK LOCALIZATIONS OF KONUS SHORT GAMMA-RAY BURSTS. Astrophysical Journal, Supplement Series, 2013, 207, 38.	7.7	23
69	Changes in Local Structure during Electrochemical Li Insertion into A-Site Deficient Perovskite Oxides, La _{1/3} NbO ₃ . Journal of Physical Chemistry B, 2003, 107, 10715-10721.	2.6	22
70	Hard X-ray imager (HXI) for the NeXT mission. , 2008, , .		22
71	Design and performance of the soft gamma-ray detector for the NeXT mission. IEEE Transactions on Nuclear Science, 2005, 52, 2749-2757.	2.0	21
72	Hard x-ray imager (HXI) for the ASTRO-H Mission. , 2010, , .		21

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73	Detection of polarized gamma-ray emission from the Crab nebula with the Hitomi Soft Gamma-ray Detector. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	21
74	Binaries with the eyes of CTA. Astroparticle Physics, 2013, 43, 301-316.	4.3	20
75	Temperature structure in the Perseus cluster core observed with Hitomi. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	20
76	Spectral and Timing Analysis of the Accretion-powered Pulsar 4U 1626â€“67 Observed with Suzaku and NuSTAR. Astrophysical Journal, 2019, 878, 121.	4.5	20
77	The Focusing Optics X-ray Solar Imager (FOXSI). Proceedings of SPIE, 2009, , .	0.8	19
78	Fine-Pitch Semiconductor Detector for the FOXSI Mission. IEEE Transactions on Nuclear Science, 2011, 58, 2039-2046.	2.0	19
79	Suzaku Observation of the Intermediate Polar V1223 Sagittarii. Publication of the Astronomical Society of Japan, 2011, 63, S739-S750.	2.5	19
80	The High-Resolution X-Ray Microcalorimeter Spectrometer, SXS, on Astro-H. Journal of Low Temperature Physics, 2012, 167, 795-802.	1.4	19
81	THE TRANSIENT ACCRETING X-RAY PULSAR XTE J1946+274: STABILITY OF X-RAY PROPERTIES AT LOW FLUX AND UPDATED ORBITAL SOLUTION. Astrophysical Journal, 2015, 815, 44.	4.5	19
82	X-ray beaming caused by resonance scattering in the accretion column of magnetic cataclysmic variables. Monthly Notices of the Royal Astronomical Society, 2001, 328, 112-126.	4.4	18
83	<title>Preflight performance of the ASTRO-E hard-x-ray detector</title>. , 1999, 3765, 645.		17
84	Inverse First Ionization Potential Effects in Giant Solar Flares Found from Earth X-Ray Albedo with Suzaku/XIS. Astrophysical Journal, 2020, 891, 126.	4.5	17
85	Spatially dependent response of thick and large area p-i-n diode for ASTRO-E hard X-ray detector. IEEE Transactions on Nuclear Science, 2001, 48, 426-429.	2.0	16
86	Weighted stack of shallow seismic reflection line acquired in downtown Osaka City, Japan. Journal of Applied Geophysics, 2002, 50, 231-246.	2.1	16
87	The Digital Processing System for the Soft X-Ray Spectrometer Onboard ASTRO-H â€”The Design and the Performanceâ€”. IEEE Transactions on Nuclear Science, 2012, 59, 366-372.	2.0	16
88	Spectral Variation of Hard X-Ray Emission from the Crab Nebula with the Suzaku Hard X-Ray Detector. Publication of the Astronomical Society of Japan, 2013, 65, .	2.5	16
89	Design and performance of Soft Gamma-ray Detector onboard the Hitomi (ASTRO-H) satellite. Journal of Astronomical Telescopes, Instruments, and Systems, 2018, 4, 1.	1.8	16
90	<title>Electronic system for the Astro-E Hard X-ray Detector</title>. , 1998, , .		15

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91	Neutronics experiments for DEMO blanket at JAERI/FNS. Nuclear Fusion, 2003, 43, 527-530.	3.5	15
92	Preflight calibration and performance of the astro-E2/HXD-II wide-band all-sky monitor. IEEE Transactions on Nuclear Science, 2005, 52, 2758-2764.	2.0	15
93	In-orbit operation of the ASTRO-H SXS. , 2016, , .		15
94	DISCOVERY OF X-RAY EMISSION FROM THE GALACTIC SUPERNOVA REMNANT G32.8-0.1 WITH SUZAKU. Astrophysical Journal, 2016, 818, 63.	4.5	15
95	New identification of the mixed-morphology supernova remnant G298.6 ⁺ 0.0 with possible gamma-ray association. Publication of the Astronomical Society of Japan, 2016, 68, .	2.5	15
96	Prospects for Cherenkov Telescope Array Observations of the Young Supernova Remnant RX J1713.7 ⁺ 3946. Astrophysical Journal, 2017, 840, 74.	4.5	14
97	A Peculiar X-Ray Transient Source, AX J1842.8 ⁻ 0423, Discovered with ASCA. Publication of the Astronomical Society of Japan, 1999, 51, 39-44.	2.5	13
98	<title>Fabrication of the ASTRO-E hard-x-ray detector</title>. , 1999, , .		13
99	Search for Diffuse X-Rays from the Bow Shock Region of Runaway Star BD +43 3654 with Suzaku. Publication of the Astronomical Society of Japan, 2012, 64, .	2.5	13
100	The Hard X-ray Imager (HXI) for the ASTRO-H mission. , 2012, , .		13
101	In-orbit performance of the Suzaku wideband all-sky monitor. , 2006, , .		12
102	Spectral Properties of Prompt Emission of Four Short Gamma-Ray Bursts Observed by the Suzaku-WAM and the Konus-Wind. Publication of the Astronomical Society of Japan, 2008, 60, S361-S373.	2.5	12
103	Improvements in Calibration of GSO Scintillators in the Suzaku Hard X-Ray Detector. Publication of the Astronomical Society of Japan, 2011, 63, S645-S656.	2.5	12
104	Development of a Digital Signal Processing System for the X-Ray Microcalorimeter Onboard ASTRO-H (II). Journal of Low Temperature Physics, 2012, 167, 575-581.	1.4	12
105	Modeling of proton-induced radioactivation background in hard X-ray telescopes: Geant4-based simulation and its demonstration by Hitomi TM 's measurement in a low Earth orbit. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 891, 92-105.	1.6	12
106	Discovery of a New Pulsating X-Ray Source with a 1549.1 Second Period, AX J183220 ⁺ 0840. Astrophysical Journal, 2000, 534, L181-L184.	4.5	11
107	Search for Sc-K Line Emission from RX J0852.0 ⁻ 4622 Supernova Remnant with Suzaku. Publication of the Astronomical Society of Japan, 2009, 61, 275-281.	2.5	11
108	Hard X-ray and gamma-ray detector for ASTRO-H based on Si and CdTe imaging sensors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 623, 425-427.	1.6	11

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109	A Catalog of Suzaku/WAM Hard X-Ray Solar Flares. Publication of the Astronomical Society of Japan, 2010, 62, 1341-1349.	2.5	11
110	Soft gamma-ray detector for the ASTRO-H Mission. Proceedings of SPIE, 2012, , .	0.8	11
111	Suzaku observations of the hard X-ray spectrum of Vela Jr. (SNR RX J0852.0-4622). Publication of the Astronomical Society of Japan, 2016, 68, .	2.5	11
112	Astro-H data analysis, processing and archive. Proceedings of SPIE, 2016, , .	0.8	11
113	The x-ray microcalorimeter on the NeXT mission. , 2008, , .		11
114	The Anisotropic Transfer of Resonance Photons in Hot Plasmas on Magnetized White Dwarfs. Publication of the Astronomical Society of Japan, 2004, 56, 533-546.	2.5	10
115	Framework for a Geant4-based simulator of the radiation background and detector responses of the space X-ray observatory Suzaku (Astro-E2). IEEE Transactions on Nuclear Science, 2006, 53, 1310-1316.	2.0	10
116	Effects of Compton Scattering on the Gamma-Ray Spectra of Solar Flares. Publication of the Astronomical Society of Japan, 2007, 59, 1161-1174.	2.5	10
117	Cyclotron Observations of Binary X-Ray Pulsars. Progress of Theoretical Physics Supplement, 2007, 169, 191-195.	0.1	10
118	The Hard X-ray Imager (HXI) for the ASTRO-H Mission. , 2014, , .		10
119	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
120	Multi-year X-Ray Variations of Iron-K and Continuum Emissions in the Young Supernova Remnant Cassiopeia A. Astrophysical Journal, 2017, 836, 225.	4.5	10
121	In-flight calibration of Hitomi Soft X-ray Spectrometer. (1) Background. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	10
122	Possible Suzaku detection of non-thermal X-ray signals from a rotating magnetized white dwarf. Advances in Space Research, 2008, 41, 512-517.	2.6	9
123	THE INTERPLANETARY NETWORK SUPPLEMENT TO THE <i>HETE-2</i> GAMMA-RAY BURST CATALOG. Astrophysical Journal, Supplement Series, 2011, 197, 34.	7.7	9
124	In-flight performance of pulse processing system of the ASTRO-H soft x-ray spectrometer. , 2016, , .		9
125	Thick and large area PIN diodes for hard X-ray astronomy. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 436, 291-296.	1.6	8
126	An X-Ray Counterpart of HESS J1427-608 Discovered with Suzaku. Publication of the Astronomical Society of Japan, 2013, 65, .	2.5	8

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127	Search for thermal X-ray features from the Crab nebula with the Hitomi soft X-ray spectrometer. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	8
128	Hitomi X-ray studies of giant radio pulses from the Crab pulsar. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	8
129	Hitomi X-ray observation of the pulsar wind nebula G21.5 $\hat{\sim}$ 0.9. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	8
130	Design and development of a polarization modulator unit based on a continuous rotating half-wave plate for LiteBIRD. , 2018, , .		8
131	<title>Verification of the Astro-E Hard X-ray Detector based on newly developed ground support equipment</title>. , 1998, , .		7
132	Suzaku observations of cyclotron resonances in binary X-ray pulsars. Advances in Space Research, 2007, 40, 1485-1490.	2.6	7
133	Suzaku Observation of the Anomalous X-Ray Pulsar CXOU J164710.2 $\hat{\sim}$ 45216. Publication of the Astronomical Society of Japan, 2008, 60, 237-244.	2.5	7
134	Suzaku Observation of the Anomalous X-Ray Pulsar 1E 1841 $\hat{\sim}$ 045. Publication of the Astronomical Society of Japan, 2010, 62, 1249-1259.	2.5	7
135	The soft gamma-ray detector (SGD) onboard ASTRO-H. , 2016, , .		7
136	New Measurement of the Vertical Atmospheric Density Profile From Occultations of the Crab Nebula With X $\hat{\sim}$ Ray Astronomy Satellites Suzaku and Hitomi. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028886.	2.4	7
137	In-orbit performance and calibration of the Hard X-ray Imager onboard Hitomi (ASTRO-H). Journal of Astronomical Telescopes, Instruments, and Systems, 2018, 4, 1.	1.8	7
138	Fourier synthesis image reconstruction by use of one-dimensional position-sensitive detectors. Applied Optics, 2003, 42, 4176.	2.1	6
139	Development of a Digital Signal Processing System for the X-ray Microcalorimeter onboard ASTRO-H. , 2009, , .		6
140	The Third Interplanetary Network. , 2010, , .		6
141	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
142	The hard x-ray imager (HXI) onboard ASTRO-H. , 2016, , .		6
143	Detection of the hard X-ray non-thermal emission from Kepler $\hat{\sim}$ s supernova remnant. Publication of the Astronomical Society of Japan, 2021, 73, 302-312.	2.5	6
144	Astro-H/Hitomi data analysis, processing, and archive. Journal of Astronomical Telescopes, Instruments, and Systems, 2018, 4, 1.	1.8	6

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145	In-flight performance of pulse-processing system of the ASTRO-H/Hitomi soft x-ray spectrometer. Journal of Astronomical Telescopes, Instruments, and Systems, 2018, 4, 1.	1.8	6
146	Hard x-ray imager for the NeXT mission. , 2006, 6266, 726.		5
147	Inflight calibration and performance of the hard x-ray detector (HXD) onboard Suzaku. , 2006, 6266, 747.		5
148	The Status and Future of the Third Interplanetary Network. , 2009, , .		5
149	Monte Carlo simulation study of in-orbit background for the soft gamma-ray detector on-board ASTRO-H. Proceedings of SPIE, 2010, , .	0.8	5
150	X-RAY OBSERVATION OF AM HERCULIS IN A VERY LOW STATE WITH<i>SUZAKU</i>. Astrophysical Journal, 2010, 721, 1908-1918.	4.5	5
151	Performance verification and system integration tests of the pulse shape processor for the soft x-ray spectrometer onboard ASTRO-H. Proceedings of SPIE, 2014, , .	0.8	5
152	MEASUREMENTS OF THE SOFT GAMMA-RAY EMISSION FROM SN2014J WITH SUZAKU. Astrophysical Journal, 2016, 823, 43.	4.5	5
153	Hitomi observations of the LMC SNR Nâ€‰132â€‰D: Highly redshifted X-ray emission from iron ejecta. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	5
154	Detailed design of the science operations for the XRISM mission. Journal of Astronomical Telescopes, Instruments, and Systems, 2021, 7, .	1.8	5
155	Time assignment system and its performance aboard the Hitomi satellite. Journal of Astronomical Telescopes, Instruments, and Systems, 2017, 4, 1.	1.8	5
156	Preflight calibration and performance of the astro-E2/HXD-II anti counter as the all sky monitor. , 0, , .		4
157	Development of the HXD anti counters onboard Astro-E2. , 0, , .		4
158	High resolution Fourier synthesis hard X-ray imaging based on CdTe strip detectors. IEEE Transactions on Nuclear Science, 2005, 52, 2052-2057.	2.0	4
159	In-flight status of the X-ray observatory Suzaku. , 2007, , .		4
160	A Suzaku view of cyclotron line sources and candidates. , 2012, , .		4
161	Concept of a small satellite for sub-MeV and MeV all sky survey: the CAST mission. , 2012, , .		4
162	The Interplanetary Network. EAS Publications Series, 2013, 61, 459-464.	0.3	4

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163	Suzaku observation of X-ray variability in soft state LMC X-1. Publication of the Astronomical Society of Japan, 2015, 67, .	2.5	4
164	Sub-MeV band observation of a hard burst from AXP 1E 1547.0-5408 with the Suzaku Wide-band All-sky Monitor. Publication of the Astronomical Society of Japan, 2015, 67, .	2.5	4
165	The InterPlanetary Network Supplement to the Second Fermi GBM Catalog of Cosmic Gamma-Ray Bursts. Astrophysical Journal, Supplement Series, 2017, 229, 31.	7.7	4
166	A technique for estimating the absolute gain of a photomultiplier tube. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 894, 1-7.	1.6	4
167	Glimpse of the highly obscured HMXB IGR J16318-4848 with Hitomi. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	4
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