Yoshitaka Ishisaki

List of Publications by Year
in descending order

220	6,650	76326	71685
papers	citations	40 h-index	76 g-index

222	222	222	3436
all docs	docs citations	times ranked	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	Monte Carlo Simulator and Ancillary Response Generator of Suzaku XRT/XIS System for Spatially Extended Source Analysis. Publication of the Astronomical Society of Japan, 2007, 59, S113-S132.	2.5	380
3	The quiescent intracluster medium in the core of the Perseus cluster. Nature, 2016, 535, 117-121.	27.8	348
4	Reproducibility of Non-X-Ray Background for the X-Ray Imaging Spectrometer aboard Suzaku. Publication of the Astronomical Society of Japan, 2008, 60, S11-S24.	2.5	267
5	The Gas Imaging Spectrometer on Board ASCA. Publication of the Astronomical Society of Japan, 1996, 48, 157-170.	2.5	219
6	Study of the X-Ray Background Spectrum and Its Large-Scale Fluctuation with ASCA. Publication of the Astronomical Society of Japan, 2002, 54, 327-352.	2.5	212
7	In-Orbit Performance of the Gas Imaging Spectrometer onboard ASCA. Publication of the Astronomical Society of Japan, 1996, 48, 171-189.	2.5	178
8	H.E.S.S. Observations of the Supernova Remnant RX J0852.0â^'4622: Shellâ€Type Morphology and Spectrum of a Widely Extended Very High Energy Gammaâ€Ray Source. Astrophysical Journal, 2007, 661, 236-249.	4.5	167
9	Evidence for Solar-Wind Charge-Exchange X-Ray Emission from the Earthâ€™s Magnetosheath. Publication of the Astronomical Society of Japan, 2007, 59, S133-S140.	2.5	159
10	The Suzaku High Resolution X-Ray Spectrometer. Publication of the Astronomical Society of Japan, 2007, 59, S77-S112.	2.5	123
11	logNâ€“logSRelations and Spectral Properties of Sources from theASCALarge Sky Survey: Their Implications for the Origin of the Cosmic Xâ€Ray Background (CXB). Astrophysical Journal, 1999, 518, 656-671.	4.5	116
12	Xâ€Ray Spectral Study of the Photoionized Stellar Wind in Vela Xâ€1. Astrophysical Journal, 2006, 651, 421-437.	4.5	115
13	X-Ray Temperature and Mass Measurements to the Virial Radius of Abell 1413 with Suzaku. Publication of the Astronomical Society of Japan, 2010, 62, 371-389.	2.5	112
14	Discovery of a hierarchical distribution of dark matter in the Fornax cluster of galaxies. Nature, 1996, 379, 427-429.	27.8	91
15	New CTI Correction Method for Spaced-Row Charge Injection of the Suzaku X-Ray Imaging Spectrometer. Publication of the Astronomical Society of Japan, 2009, 61, S9-S15.	2.5	90
16	Suzakumeasurement of Abell 2204's intracluster gas temperature profile out to 1800Âkpc. Astronomy and Astrophysics, 2009, 501, 899-905.	5.1	87
17	Structure of the Xâ€Rayâ€“emitting Gas in the Hydra A Cluster of Galaxies. Astrophysical Journal, 1997, 481, 660-672.	4.5	85
18	Hitomi Constraints on the 3.5 keV Line in the Perseus Galaxy Cluster. Astrophysical Journal Letters, 2017, 837, L15.	8.3	84

#	Article	IF	Citations
19	X-Ray Properties of the Nucleus of M81. Publication of the Astronomical Society of Japan, 1996, 48, 237-248.	2.5	83
20	The ASCA Medium Sensitivity Survey (the GIS Catalog Project): Source Catalog. Astrophysical Journal, Supplement Series, 2001, 133, 1-52.	7.7	76
21	X-Ray Study of the Outer Region of Abell 2142 with Suzaku. Publication of the Astronomical Society of Japan, 2011, 63, S1019-S1033.	2.5	70
22	Evidence of Energy Nonequipartition between Particles and Fields in Lobes of the Radio Galaxy PKS 1343â"601 (Centaurus B). Astrophysical Journal, 1998, 499, 713-718.	4.5	65
23	Detection of Inverse-Compton X-Rays from Lobes of the Radio Galaxy Fornax A. Astrophysical Journal, 1995, 453, .	4.5	65
24	Restoring the Suzaku Source Position Accuracy and Point-Spread function. Publication of the Astronomical Society of Japan, 2008, 60, S35-S41.	2.5	64
25	The ASTRO-H X-ray Observatory. Proceedings of SPIE, 2012, , .	0.8	63
26	Detection of a Fully Resolved Compton Shoulder of the Iron K Line in the Chandra X-Ray Spectrum of GX 301-2. Astrophysical Journal, 2003, 597, L37-L40.	4.5	59
27	Search for invisible decay of orthopositronium. Physical Review Letters, 1993, 70, 2265-2268.	7.8	57
28	Atmospheric gas dynamics in the Perseus cluster observed with Hitomi. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	57
29	A population of faint galaxies that contribute to the cosmic X-ray background. Nature, 1998, 391, 866-868.	27.8	55
30	X-Ray Study of Temperature and Abundance Profiles of the Cluster of Galaxies Abell 1060 with Suzaku. Publication of the Astronomical Society of Japan, 2007, 59, 299-317.	2.5	55
31	Type Ia and II Supernovae Contributions to Metal Enrichment in the Intracluster Medium Observed with Suzaku. Astrophysical Journal, 2007, 667, L41-L44.	4.5	52
32	X-Ray View of the Shock Front in the Merging Cluster Abell 3376 with Suzaku. Publication of the Astronomical Society of Japan, 2012, 64, .	2.5	52
33	The Astro-H high resolution soft x-ray spectrometer. Proceedings of SPIE, 2016, , .	0.8	51
34	The high-resolution x-ray microcalorimeter spectrometer system for the SXS on ASTRO-H. Proceedings of SPIE, 2010, , .	0.8	50
35	Spectral Statistics and Local Luminosity Function of a Complete Hard X-Ray Sample of the Brightest Active Galactic Nuclei. Astronomical Journal, 2006, 131, 2843-2858.	4.7	49
36	The ASCA Medium Sensitivity Survey (The GIS Catalog Project): Source Catalog II.. Astrophysical Journal, Supplement Series, 2005, 161, 185-223.	7.7	47

#	Article	IF	Citations
37	Suzaku Observations of AWM 7 Cluster of Galaxies: Temperatures, Abundances, and Bulk Motions. Publication of the Astronomical Society of Japan, 2008, 60, S333-S342.	2.5	47
38	The ASTRO-H (Hitomi) x-ray astronomy satellite. Proceedings of SPIE, 2016, , .	0.8	47
39	The ASTRO-H X-ray astronomy satellite. Proceedings of SPIE, 2014, , .	0.8	45
40	Micropore x-ray optics using anisotropic wet etching of (110) silicon wafers. Applied Optics, 2006, 45, 8932.	2.1	44
41	Properties of the cosmological filament between two clusters: A possible detection of a large-scale accretion shock bySuzaku. Astronomy and Astrophysics, 2017, 606, A1.	5.1	42
42	Detection of Strong Fe-K Lines from the Spiral Galaxies NGC 1365 and NGC 1386. Publication of the Astronomical Society of Japan, 1997, 49, 425-434.	2.5	40
43	The [ITAL]ASCA[/ITAL] Medium-Sensitivity Survey (The GIS Catalog Project): Source Counts and Evidence for Emerging Population of Hard Sources. Astrophysical Journal, 1999, 524, L11-L14.	4.5	40
44	<title>ASTRO-E high-resolution x-ray spectrometer</title>. , 1999, 3765, 114.		39
45	<title>Design and performance of the ASTRO-E/XRS signal processing system</title>. , 1999, , .		38
46	Suzaku X-Ray Observations of the Accreting NGC 4839 Group of Galaxies and a Radio Relic in the Coma Cluster. Publication of the Astronomical Society of Japan, 2013, 65, .	2.5	38
47	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
48	Properties of the Intracluster Medium of Abell 3667 Observed with Suzaku XIS. Publication of the Astronomical Society of Japan, 2012, 64, .	2.5	37
49	Chandra and XMM-Newton Observations of a Group of Galaxies, HCG 62. Publication of the Astronomical Society of Japan, 2006, 58, 719-742.	2.5	35
50	Detection of Excess Hard X-Ray Emission from the Optical Jet Galaxy NGC 1097. Publication of the Astronomical Society of Japan, 1996, 48, 231-236.	2.5	33
51	ASCA Temperature Maps of Three Clusters of Galaxies: Abell 1060, AWM 7, and the Centaurus Cluster. Publication of the Astronomical Society of Japan, 2001, 53, 421-432.	2.5	33
52	X-ray study of the double radio relic Abell 3376 with Suzaku. Astronomy and Astrophysics, 2018, 618, A74.	5.1	32
53	Resolve Instrument on X-ray Astronomy Recovery Mission (XARM). Journal of Low Temperature Physics, 2018, 193, 991-995.	1.4	31
54	The NeXT Mission. , 2008, , .		30

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55	Suzaku Observation of Group of Galaxies NGC 507: Temperature and Metal Distributions in the Intra-Cluster Medium. Publication of the Astronomical Society of Japan, 2009, 61, S353-S363.	2.5	30
56	Soft x-ray spectrometer (SXS): the high-resolution cryogenic spectrometer onboard ASTRO-H. Proceedings of SPIE, 2014, , .	0.8	29
57	Measurements of resonant scattering in the Perseus Cluster core with Hitomi SXS. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	29
58	Hitomi observation of radio galaxy NGCâ€‰1275: The first X-ray microcalorimeter spectroscopy of Fe-KÎ± line emission from an active galactic nucleus. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	27
59	Locating the Warmâ€“Hot Intergalactic Medium in the Simulated Local Universe. Publication of the Astronomical Society of Japan, 2004, 56, 939-957.	2.5	26
60	Suzaku observations of the galaxy cluster 1RXSâ€‰J0603.3+4214: Implications of particle acceleration processes in the â€œToothbrushâ€•radio relic. Publication of the Astronomical Society of Japan, 2015, 67, .	2.5	26
61	Cooling system for the soft X-ray spectrometer onboard Astro-H. Cryogenics, 2010, 50, 488-493.	1.7	25
62	Energy-Scale Calibration of the Suzaku X-Ray Imaging Spectrometer Using the Checker Flag Charge-Injection Technique in Orbit. Publication of the Astronomical Society of Japan, 2009, 61, S1-S7.	2.5	24
63	Effect of On-Chip Magnetic Shielding for TES Microcalorimeters. Journal of Low Temperature Physics, 2008, 151, 131-137.	1.4	21
64	Suzaku Observation of HCG 62: Temperature, Abundance, and Extended Hard X-Ray Emission Profiles. Publication of the Astronomical Society of Japan, 2008, 60, S317-S331.	2.5	21
65	The detector subsystem for the SXS instrument on the ASTRO-H Observatory. Proceedings of SPIE, 2010, , .	0.8	21
66	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
67	Xâ€Ray Spectrum of Supernova 1993J Observed withASCAand Its Evolution 8â€“572 Days after the Explosion. Astrophysical Journal, 2002, 565, 419-429.	4.5	21
68	Ground calibration of the Astro-H (Hitomi) soft x-ray spectrometer. Journal of Astronomical Telescopes, Instruments, and Systems, 2018, 4, 1.	1.8	21
69	The X-Ray Halo of the Local Group and Its Implications for Microwave and Soft X-Ray Backgrounds. Astrophysical Journal, 1996, 461, .	4.5	20
70	Temperature structure in the Perseus cluster core observed with Hitomi. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	20
71	EDGE: Explorer of diffuse emission and gamma-ray burst explosions. Experimental Astronomy, 2009, 23, 67-89.	3.7	19
72	The High-Resolution X-Ray Microcalorimeter Spectrometer, SXS, on Astro-H. Journal of Low Temperature Physics, 2012, 167, 795-802.	1.4	19

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73	ASCA Deep Survey in the Lockman Hole Field. Publication of the Astronomical Society of Japan, 2001, 53, 445-458.	2.5	18
74	Erbium-doped yttrium aluminum garnet as a magnetic refrigerant for low temperature x-ray detectors. Journal of Applied Physics, 2001, 90, 5812-5818.	2.5	17
75	DIOS: the diffuse intergalactic oxygen surveyor. , 2006, , .		17
76	Metallicity of the Fossil Group NGC 1550 Observed with Suzaku. Publication of the Astronomical Society of Japan, 2010, 62, 1445-1454.	2.5	17
77	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
78	Temporal Gain Correction for X-ray Calorimeter Spectrometers. Journal of Low Temperature Physics, 2016, 184, 498-504.	1.4	16
79	Suzaku observations of the outskirts of the galaxy cluster Abell 3395, including a filament toward Abell 3391. Publication of the Astronomical Society of Japan, 2017, 69, .	2.5	16
80	Micromachined X-ray collector for space astronomy. Sensors and Actuators A: Physical, 2008, 145-146, 201-206.	4.1	15
81	In-orbit operation of the ASTRO-H SXS. , 2016, , .		15
82	Sky surveys with ASCA â€" Deep Sky Survey. Astronomische Nachrichten, 1998, 319, 43-46.	1.2	14
83	The microcalorimeter spectrometer on the ASTRO-E X-ray observatory. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 444, 170-174.	1.6	14
84	Broadband high-energy resolution hard x-ray spectroscopy using transition edge sensors at SPring-8. Review of Scientific Instruments, 2021, 92, 013103.	1.3	14
85	Limit on an exotic three-body decay of orthopositronium. Europhysics Letters, 1996, 33, 111-116.	2.0	13
86	A High Energy Resolution Gamma-Ray TES Microcalorimeter with Fast Response Time. Journal of Low Temperature Physics, 2008, 151, 430-435.	1.4	13
87	Impedance measurement and excess-noise behavior of a Tiâ•Au bilayer TES calorimeter. AIP Conference Proceedings, 2009, , .	0.4	13
88	Beamline Test of a Transition-Edge-Sensor Spectrometer in Preparation for Kaonic-Atom Measurements. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.7	13
89	<title>ASTRO-E/XRS blocking-filter calibration</title>. , 1999, , .		12
90	Sn electrodeposition process for fabricating microabsorber arrays for an X-ray microcalorimeter. Journal of Electroanalytical Chemistry, 2003, 559, 143-148.	3.8	12

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91	Present performance of a single pixel Ti/Au bilayer TES calorimeter. , 2003, 4851, 831.		12
92	Performance of a bridge-type TES microcalorimeter, excess noise characteristics and dependence of sensitivity on current. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 523, 134-146.	1.6	12
93	EURECA: a European-Japanese micro-calorimeter array. , 2006, , .		12
94	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
95	Performance of the helium dewar and the cryocoolers of the Hitomi soft x-ray spectrometer. Journal of Astronomical Telescopes, Instruments, and Systems, 2017, 4, 1.	1.8	12
96	<title>Design and performance of the ASTRO-E/XRS microcalorimeter array and anticoincidence detector</title>. , 1999, , .		11
97	DIOS: the diffuse intergalactic oxygen surveyor: status and prospects. , 2010, , .		11
98	Performance of the helium dewar and cryocoolers of ASTRO-H SXS. , 2016, , .		11
99	The x-ray microcalorimeter on the NeXT mission. , 2008, , .		11
100	Measurements of Strong-Interaction Effects in Kaonic-Helium Isotopes at Sub-eV Precision with X-Ray Microcalorimeters. Physical Review Letters, 2022, 128, 112503.	7.8	11
101	<title>ASTRO-E/XRS calibration program and results</title>. , 1999, , .		10
102	High Sensitive X-ray Microcalorimeter Using Biâ€“Au Microabsorber for Imaging Applications. Japanese Journal of Applied Physics, 2004, 43, 1190-1195.	1.5	10
103	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
104	Cooling system for the soft x-ray spectrometer (SXS) onboard ASTRO-H. Proceedings of SPIE, 2010, , .	0.8	10
105	In-flight performance of the Soft X-ray Spectrometer detector system on Astro-H. , 2016, , .		10
106	In-flight verification of the calibration and performance of the ASTRO-H (Hitomi) Soft X-Ray Spectrometer. Proceedings of SPIE, 2016, , .	0.8	10
107	In-flight calibration of Hitomi Soft X-ray Spectrometer. (1) Background. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	10
108	Analysis of the Suzaku/XRS background. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 559, 620-622.	1.6	9

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109	Large Arrays of TES X-ray Microcalorimeters for Dark Baryon Search. , 2009, , .		9
110	The x-ray microcalorimeter spectrometer onboard Athena. Proceedings of SPIE, 2012, , .	0.8	9
111	Cooling system for the Resolve onboard XRISM. Cryogenics, 2020, 108, 103016.	1.7	9
112	In-flight performance of pulse processing system of the ASTRO-H soft x-ray spectrometer. , 2016, , .		9
113	<title>Calibrations of imaging gas scintillation proportional counters on ASTRO-D</title>. , 1993, , .		8
114	Sky surveys withASCA â€" Large Sky Survey. Astronomische Nachrichten, 1998, 319, 47-50.	1.2	8
115	Development of double-stage ADR for future space missions. Cryogenics, 2010, 50, 597-602.	1.7	8
116	Ground calibration of the Astro-H (Hitomi) soft x-ray spectrometer. , 2016, , .		8
117	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
118	Hitomi X-ray studies of giant radio pulses from the Crab pulsar. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	8
119	Development of a microcalorimeter array for the Diffuse-Intergalactic Oxygen-Surveyor (DIOS) mission. , 2004, , .		7
120	The Noise and Energy Resolution of the Ti/Au Bilayer X-ray TES Calorimeter with an Au Absorber. Journal of Low Temperature Physics, 2008, 151, 185-189.	1.4	7
121	EURECA: European-Japanese Microcalorimeter Array. Journal of Low Temperature Physics, 2008, 151, 733-739.	1.4	7
122	Development of Multilayer Readout Wiring TES Calorimeter for Future X-ray Missions. Journal of Low Temperature Physics, 2014, 176, 310-315.	1.4	7
123	New Measurement of the Vertical Atmospheric Density Profile From Occultations of the Crab Nebula With Xâ€Ray Astronomy Satellites Suzaku and Hitomi. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028886.	2.4	7
124	In-flight verification of the calibration and performance of the ASTRO-H (Hitomi) Soft X-ray Spectrometer. Journal of Astronomical Telescopes, Instruments, and Systems, 2018, 4, 1.	1.8	7
125	Evaluation of 256-pixel TES microcalorimeter arrays with electrodeposited Bi absorbers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 559, 539-541.	1.6	6
126	Properties of vacuum-evaporated bismuth absorber. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 559, 432-435.	1.6	6

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127	Soft x-ray measurement of the toroidal pinch experiment RX reversed field pinch plasma using transition edge sensor calorimeter. Review of Scientific Instruments, 2006, 77, 043104.	1.3	6
128	Development of a Digital Signal Processing System for the X-ray Microcalorimeter onboard ASTRO-H. , 2009, , .		6
129	Development of Multilayer Readout Wiring for Large-Format TES X-Ray Microcalorimeter Arrays. IEEE Transactions on Applied Superconductivity, 2011, 21, 246-249.	1.7	6
130	ORIGIN: metal creation and evolution from the cosmic dawn. Experimental Astronomy, 2012, 34, 519-549.	3.7	6
131	Development of Superconducting Multilayer Wiring for Large Arrays of TES X-Ray Microcalorimeters. Journal of Low Temperature Physics, 2012, 167, 220-225.	1.4	6
132	Radiation Tolerance Evaluation of the Ti/Au Bilayer TES Microcalorimeter. Journal of Low Temperature Physics, 2014, 176, 344-349.	1.4	6
133	Cryogen-free operation of the Soft X-ray Spectrometer instrument. , 2016, , .		6
134	Future Japanese X-ray TES Calorimeter Satellite: DIOS (Diffuse Intergalactic Oxygen Surveyor). Journal of Low Temperature Physics, 2016, 184, 688-693.	1.4	6
135	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
136	Current dependence of performance of TES microcalorimeters and characteristics of excess noise. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 520, 340-343.	1.6	5
137	Silicon micro-pore X-ray optics. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 579, 817-820.	1.6	5
138	Status of the Diffuse Intergalactic Oxygen Surveyor (DIOS). Proceedings of SPIE, 2012, , .	0.8	5
139	Development of Superconducting Multilayer Wiring for a 400-Pixel TES X-ray Microcalorimeter Array. IEEE Transactions on Applied Superconductivity, 2013, 23, 2100404-2100404.	1.7	5
140	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
141	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
142	Super DIOS: Future X-ray Spectroscopic Mission to Search for Dark Baryons. Journal of Low Temperature Physics, 2018, 193, 1016-1023.	1.4	5
143	ASCA Medium Sensitive Survey â€" ASCA GIS catalogue. Astronomische Nachrichten, 1998, 319, 91-91.	1.2	4
144	Results from the ASCA Large Sky Survey â€" Nature of faint X-ray sources and the implications for the origin of the CXB. Advances in Space Research, 2000, 25, 839-844.	2.6	4

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145	AC calorimeter bridge; a new multi-pixel readout method for TES calorimeter arrays. , 2002, , .		4
146	Performance analyses of TES microcalorimeters with mushroom shaped X-ray absorbers made of Sn or Bi. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 520, 452-455.	1.6	4
147	Improved PID method of temperature control for adiabatic demagnetization refrigerators. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 558, 536-541.	1.6	4
148	Design and fabrication of TES microcalorimeters for x-ray astrophysics in Japan. Proceedings of SPIE, 2008, , .	0.8	4
149	Development of the onboard digital processing system for the soft x-ray spectrometer of ASTRO-H: performance in the engineering model tests. Proceedings of SPIE, 2012, , .	0.8	4
150	Glimpse of the highly obscured HMXB IGRâ€‰J16318â˜’4848 with Hitomi. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	4
151	Poisson vs. Gaussian statistics for sparse X-ray data: Application to the soft X-ray spectrometer. Publication of the Astronomical Society of Japan, 2019, 71, .	2.5	4
152	DIOS: the dark baryon exploring mission. Proceedings of SPIE, 2016, , .	0.8	4
153	TRACING BRIGHT AND DARK SIDES OF THE UNIVERSE WITH X-RAY OBSERVATIONS. Journal of the Korean Astronomical Society, 2004, 37, 387-392.	1.5	4
154	In-flight performance of the soft x-ray spectrometer detector system on Astro-H. Journal of Astronomical Telescopes, Instruments, and Systems, 2018, 4, 1.	1.8	4
155	ASCA observation of the Cygnus Loop supernova remnant. Advances in Space Research, 2000, 25, 555-558.	2.6	3
156	ASCA Observation of Unusually X-Ray-Hard Radio-Quiet QSO Kaz102. Publication of the Astronomical Society of Japan, 2003, 55, L11-L15.	2.5	3
157	Analyses on the operating point dependence of the energy resolution with a Ti/Au TES microcalorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 520, 277-280.	1.6	3
158	TES microcalorimeter development for future Japanese X-ray astronomy missions. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 520, 431-434.	1.6	3
159	Fabrication of multi-pixel TES microcalorimeters with an electrodeposited Sn absorber and Bi absorber. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 520, 456-459.	1.6	3
160	Frequency-domain multiplexing of TES microcalorimeter array with CABBAGE. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 520, 566-569.	1.6	3
161	Ground calibration of the XRS microcalorimeter onboard Suzaku. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 559, 617-619.	1.6	3
162	Laboratory experiments on soft x-ray emissions from the solar wind. Physica Scripta, 2011, T144, 014025.	2.5	3

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163	Development of Active Gas-Gap Heat Switch for Double-Stage Adiabatic Demagnetization Refrigerators. Journal of Low Temperature Physics, 2012, 167, 777-782.	1.4	3
164	<title>Filter wheel system for the x-ray microcalorimeters on board ASTRO-E</title>. , 1999, 3765, 664.		2
165	Search for hot gas in the local group with ASCA. Advances in Space Research, 2000, 25, 589-592.	2.6	2
166	Search for Hot Gas in the Local Group with ASCA. Publication of the Astronomical Society of Japan, 2002, 54, 387-392.	2.5	2
167	Status of X-ray microcalorimeter development at ISAS. , 2002, , .		2
168	Evaluation of the IRâ€“UV blocking filters for ADR with a TES microcalorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 559, 471-473.	1.6	2
169	Performance verification of the Suzaku X-ray Spectrometer in the flight configuration. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 559, 614-616.	1.6	2
170	First application of a TES microcalorimeter to a thermonuclear fusion plasma experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 559, 760-762.	1.6	2
171	Demonstration of the improved PID method for the accurate temperature control of ADRs. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 559, 663-665.	1.6	2
172	A Micromachined X-Ray Collector for Space Astronomy. , 2007, , .		2
173	Suzaku Survey for Non-Thermal Hard X-Ray Emission from Clusters of Galaxies. Progress of Theoretical Physics Supplement, 2007, 169, 45-48.	0.1	2
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