

Ryuichi Fujimoto

List of Publications by Year in descending order

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174
papers

4,929
citations

147801
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174
docs citations

174
times ranked

2973
citing authors

#	ARTICLE	IF	CITATIONS
1	Signatures of large-scale cold fronts in the optically-selected merging cluster HSCJ085024+001536. Publication of the Astronomical Society of Japan, 2021, 73, 584-595.	2.5	0
2	X-ray study of the double source plane gravitational lens system Eye of Horus observed with XMM-Newton. Monthly Notices of the Royal Astronomical Society, 2020, 491, 3411-3418.	4.4	0
3	X-ray properties of high-richness CAMIRA clusters in the Hyper Suprime-Cam Subaru Strategic Program field. Publication of the Astronomical Society of Japan, 2020, 72, .	2.5	4
4	Cooling system for the Resolve onboard XRISM. Cryogenics, 2020, 108, 103016.	1.7	9
5	Super DIOS mission for exploring "dark baryon". , 2020, , .		8
6	Status of x-ray imaging and spectroscopy mission (XRISM). , 2020, , .		36
7	Resolve Instrument on X-ray Astronomy Recovery Mission (XARM). Journal of Low Temperature Physics, 2018, 193, 991-995.	1.4	31
8	In-orbit performance of a helium dewar for the soft X-ray spectrometer onboard ASTRO-H. Cryogenics, 2018, 91, 27-35.	1.7	14
9	Atomic data and spectral modeling constraints from high-resolution X-ray observations of the Perseus cluster with Hitomi. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	46
10	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
11	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
12	In-flight calibration of Hitomi Soft X-ray Spectrometer. (1) Background. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	10
13	Hitomi observations of the LMC SNR N132A: Highly redshifted X-ray emission from iron ejecta. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	5
14	Glimpse of the highly obscured HMXB IGR J16318+4848 with Hitomi. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	4
15	Hitomi X-ray studies of giant radio pulses from the Crab pulsar. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	8
16	Measurements of resonant scattering in the Perseus Cluster core with Hitomi SXS. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	29
17	Atmospheric gas dynamics in the Perseus cluster observed with Hitomi. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	57
18	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

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19	Temperature structure in the Perseus cluster core observed with Hitomi. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	20
20	Hitomi X-ray observation of the pulsar wind nebula G21.5âˆ’0.9. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	8
21	Vibration isolation system for cryocoolers of soft x-ray spectrometer on-board ASTRO-H (Hitomi). Journal of Astronomical Telescopes, Instruments, and Systems, 2018, 4, 1.	1.8	12
22	Hitomi (ASTRO-H) X-ray Astronomy Satellite. Journal of Astronomical Telescopes, Instruments, and Systems, 2018, 4, 1.	1.8	64
23	Design and on-orbit operation of the soft x-ray spectrometer adiabatic demagnetization refrigerator on the Hitomi observatory. Journal of Astronomical Telescopes, Instruments, and Systems, 2018, 4, 1.	1.8	7
24	Ground calibration of the Astro-H (Hitomi) soft x-ray spectrometer. Journal of Astronomical Telescopes, Instruments, and Systems, 2018, 4, 1.	1.8	21
25	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
26	Concept of the X-ray Astronomy Recovery Mission. , 2018, , .		85
27	Design, implementation, and performance of the Astro-H soft x-ray spectrometer aperture assembly and blocking filters. Journal of Astronomical Telescopes, Instruments, and Systems, 2018, 4, 1.	1.8	6
28	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
29	Cryogen-free operation of the Soft X-ray Spectrometer instrument. Journal of Astronomical Telescopes, Instruments, and Systems, 2018, 4, 1.	1.8	3
30	Hitomi Constraints on the 3.5 keV Line in the Perseus Galaxy Cluster. Astrophysical Journal Letters, 2017, 837, L15.	8.3	84
31	Solar abundance ratios of the iron-peak elements in the Perseus cluster. Nature, 2017, 551, 478-480.	27.8	73
32	X-ray study of extended emission around Mâ€™86 observed with Suzaku. Publication of the Astronomical Society of Japan, 2017, 69, .	2.5	1
33	Porous plug phase separator and superfluid film flow suppression system for the soft x-ray spectrometer onboard Hitomi. Journal of Astronomical Telescopes, Instruments, and Systems, 2017, 4, 1.	1.8	2
34	In-orbit operation of the soft x-ray spectrometer onboard the Hitomi satellite. Journal of Astronomical Telescopes, Instruments, and Systems, 2017, 4, 1.	1.8	2
35	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
36	Transmission measurement of the spare Beryllium window of the SXS onboard the Hitomi satellite in 2.0-12 keV with KEK-PF. , 2017, , .		0

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37	The evaluation of the Hitomi (Astro-H)/SXS spare beryllium window in 3.8-30 keV. , 2017, , .		0
38	Thermal analyses for initial operations of the soft x-ray spectrometer onboard the Hitomi satellite. Journal of Astronomical Telescopes, Instruments, and Systems, 2017, 4, 1.	1.8	1
39	The quiescent intracluster medium in the core of the Perseus cluster. Nature, 2016, 535, 117-121.	27.8	348
40	In-orbit operation of the ASTRO-H SXS. , 2016, , .		15
41	Cryogen-free operation of the Soft X-ray Spectrometer instrument. , 2016, , .		6
42	In-flight performance of the Soft X-ray Spectrometer detector system on Astro-H. , 2016, , .		10
43	Performance of the helium dewar and cryocoolers of ASTRO-H SXS. , 2016, , .		11
44	Vibration isolation system for cryocoolers of Soft X-ray Spectrometer (SXS) onboard ASTRO-H (Hitomi). Proceedings of SPIE, 2016, , .	0.8	8
45	The Astro-H high resolution soft x-ray spectrometer. Proceedings of SPIE, 2016, , .	0.8	51
46	In-flight verification of the calibration and performance of the ASTRO-H (Hitomi) Soft X-Ray Spectrometer. Proceedings of SPIE, 2016, , .	0.8	10
47	Thermal analyses for initial operations of the Soft X-Ray Spectrometer (SXS) onboard ASTRO-H. Proceedings of SPIE, 2016, , .	0.8	6
48	Porous plug phase separator and superfluid film flow suppression system for the soft x-ray spectrometer onboard ASTRO-H. , 2016, , .		6
49	Design and on-orbit operation of the adiabatic demagnetization refrigerator on the Hitomi Soft X-ray Spectrometer instrument. , 2016, , .		14
50	Ground calibration of the Astro-H (Hitomi) soft x-ray spectrometer. , 2016, , .		8
51	The ASTRO-H (Hitomi) x-ray astronomy satellite. Proceedings of SPIE, 2016, , .	0.8	47
52	Temperature Control and Noise Reduction in our Compact ADR System for TES Microcalorimeter Operation. Journal of Low Temperature Physics, 2016, 184, 583-589.	1.4	0
53	Flight model performance test results of a helium dewar for the soft X-ray spectrometer onboard ASTRO-H. Cryogenics, 2016, 74, 10-16.	1.7	16
54	Flight model measurements of the porous plug and film flow suppression system for the ASTRO-H Soft X-ray Spectrometer dewar. Cryogenics, 2016, 74, 17-23.	1.7	5

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55	Temporal Gain Correction for X-ray Calorimeter Spectrometers. Journal of Low Temperature Physics, 2016, 184, 498-504.	1.4	16
56	The design, implementation, and performance of the Astro-H SXS aperture assembly and blocking filters. , 2016, , .		9
57	The ASTRO-H X-ray astronomy satellite. Proceedings of SPIE, 2014, , .	0.8	45
58	Soft x-ray spectrometer (SXS): the high-resolution cryogenic spectrometer onboard ASTRO-H. Proceedings of SPIE, 2014, , .	0.8	29
59	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
60	He flow rate measurements on the engineering model for the Astro-H Soft X-ray Spectrometer dewar. Cryogenics, 2014, 64, 189-193.	1.7	5
61	Magnetic Shielding of an Adiabatic Demagnetization Refrigerator for TES Microcalorimeter Operation. Journal of Low Temperature Physics, 2014, 176, 1075-1081.	1.4	2
62	Operation of an ADR using helium exchange gas as a substitute for a failed heat switch. Cryogenics, 2014, 64, 207-212.	1.7	2
63	Development status of the mechanical cryocoolers for the Soft X-ray Spectrometer on board Astro-H. Cryogenics, 2014, 64, 182-188.	1.7	31
64	ORIGIN: metal creation and evolution from the cosmic dawn. Experimental Astronomy, 2012, 34, 519-549.	3.7	6
65	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
66	The x-ray microcalorimeter spectrometer onboard Athena. Proceedings of SPIE, 2012, , .	0.8	9
67	The ASTRO-H X-ray Observatory. Proceedings of SPIE, 2012, , .	0.8	63
68	Suzaku observations of charge exchange emission from solar system objects. Astronomische Nachrichten, 2012, 333, 319-323.	1.2	1
69	The High-Resolution X-Ray Microcalorimeter Spectrometer, SXS, on Astro-H. Journal of Low Temperature Physics, 2012, 167, 795-802.	1.4	19
70	Development of Adiabatic Demagnetization Refrigerator for X-ray Microcalorimeter Operation. Journal of Low Temperature Physics, 2012, 167, 554-560.	1.4	4
71	Development of porous plug phase separator and superfluid film flow suppression system for the Soft X-ray Spectrometer onboard ASTRO-H. Cryogenics, 2012, 52, 178-182.	1.7	5
72	Development of mechanical cryocoolers for the cooling system of the Soft X-ray Spectrometer onboard Astro-H. Cryogenics, 2012, 52, 158-164.	1.7	22

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73	The Digital Processing System for the Soft X-Ray Spectrometer Onboard ASTRO-H “The Design and the Performance”. IEEE Transactions on Nuclear Science, 2012, 59, 366-372.	2.0	16
74	Solar system planets observed with Suzaku. Advances in Space Research, 2011, 47, 411-418.	2.6	5
75	The x-ray microcalorimeter spectrometer onboard of IXO. Proceedings of SPIE, 2010, , .	0.8	10
76	Cooling system for the soft x-ray spectrometer (SXS) onboard ASTRO-H. Proceedings of SPIE, 2010, , .	0.8	10
77	DIOS: the diffuse intergalactic oxygen surveyor: status and prospects. , 2010, , .		11
78	The ASTRO-H Mission. Proceedings of SPIE, 2010, , .	0.8	125
79	The detector subsystem for the SXS instrument on the ASTRO-H Observatory. Proceedings of SPIE, 2010, , .	0.8	21
80	Development of an Adiabatic Demagnetization Refrigerator for X-ray Microcalorimeter Operations. , 2010, , .		1
81	Development of mechanical cryocoolers for Astro-H/SXS. Cryogenics, 2010, 50, 500-506.	1.7	28
82	Cooling system for the soft X-ray spectrometer onboard Astro-H. Cryogenics, 2010, 50, 488-493.	1.7	25
83	Porous plug and superfluid helium film flow suppressor for the soft X-ray spectrometer onboard Astro-H. Cryogenics, 2010, 50, 507-511.	1.7	10
84	Development of double-stage ADR for future space missions. Cryogenics, 2010, 50, 597-602.	1.7	8
85	Time Variability of the Geocoronal Solar-Wind Charge Exchange in the Direction of the Celestial Equator. Publication of the Astronomical Society of Japan, 2010, 62, 981-986.	2.5	34
86	The high-resolution x-ray microcalorimeter spectrometer system for the SXS on ASTRO-H. Proceedings of SPIE, 2010, , .	0.8	50
87	Low-lying Continuum States in Oxygen Isotopes. , 2009, , .		1
88	Energy Spectra of the Soft X-Ray Diffuse Emission in Fourteen Fields Observed with Suzaku. Publication of the Astronomical Society of Japan, 2009, 61, 805-823.	2.5	144
89	EDGE: Explorer of diffuse emission and gamma-ray burst explosions. Experimental Astronomy, 2009, 23, 67-89.	3.7	19
90	Development of Adiabatic Demagnetization Refrigerator for X-ray microcalorimeter experiments. , 2009, , .		1

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91	The X-Ray Microcalorimeter Spectrometer for the International X-Ray Observatory. , 2009, , .		9
92	Performance test of Ti ⁺ Au bilayer TES microcalorimeter in combination with continuous ADR. AIP Conference Proceedings, 2009, , .	0.4	2
93	The Astro-H Soft X-ray Spectrometer (SXS). AIP Conference Proceedings, 2009, , .	0.4	6
94	Performance Measurement of the 8-Input SQUIDs for TES Frequency Domain Multiplexing. Journal of Low Temperature Physics, 2008, 151, 946-951.	1.4	6
95	Restoring the Suzaku Source Position Accuracy and Point-Spread function. Publication of the Astronomical Society of Japan, 2008, 60, S35-S41.	2.5	64
96	Suzaku Observations of the North Polar Spur: Evidence for Nitrogen Enhancement. Publication of the Astronomical Society of Japan, 2008, 60, S95-S106.	2.5	39
97	Detailed Hard X-Ray Measurements of Nuclear Emission from the Seyfert2 Galaxy NGC4388 with Suzaku. Publication of the Astronomical Society of Japan, 2008, 60, S263-S276.	2.5	26
98	Design of the two-stage series adiabatic demagnetization refrigerator for the NeXT and Spectrum-RG missions. Proceedings of SPIE, 2008, , .	0.8	2
99	Spectrum-Roentgen-Gamma astrophysical mission. Proceedings of SPIE, 2008, , .	0.8	6
100	The NeXT Mission. , 2008, , .		30
101	The Lack of Strong O ⁺ Line Excess in the Coma Cluster Outskirts from Suzaku. Astrophysical Journal, 2008, 680, 1049-1052.	4.5	15
102	An analog baseband feedback circuit for TES signals in frequency domain multiplexing. Proceedings of SPIE, 2008, , .	0.8	1
103	The Spektr-RG x-ray calorimeter. Proceedings of SPIE, 2008, , .	0.8	2
104	The x-ray microcalorimeter on the NeXT mission. , 2008, , .		11
105	Suzaku Observations of the Local and Distant Hot ISM. Publication of the Astronomical Society of Japan, 2007, 59, S141-S150.	2.5	83
106	The X-Ray Observatory Suzaku. Publication of the Astronomical Society of Japan, 2007, 59, S1-S7.	2.5	823
107	Evidence for Solar-Wind Charge-Exchange X-Ray Emission from the Earth's Magnetosheath. Publication of the Astronomical Society of Japan, 2007, 59, S133-S140.	2.5	159
108	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

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109	The Suzaku High Resolution X-Ray Spectrometer. Publication of the Astronomical Society of Japan, 2007, 59, S77-S112.	2.5	123
110	On-Orbit Performance of the X-Ray Telescopes and Thermal Wobbling of the Suzaku Satellite. Progress of Theoretical Physics Supplement, 2007, 169, 322-325.	0.1	0
111	Evidence for Solar-Wind Charge-Exchange X-Ray Emission from the Earth's Magnetosheath. Progress of Theoretical Physics Supplement, 2007, 169, 71-74.	0.1	5
112	X-Ray Spectral Study of the Extended Emission, the Cap TM , Located 11.6 kpc above the Disk of M82. Publication of the Astronomical Society of Japan, 2007, 59, S269-S282.	2.5	38
113	Search for Oxygen Emission from Warm-Hot Intergalactic Medium around A2218 with Suzaku. Publication of the Astronomical Society of Japan, 2007, 59, S339-S349.	2.5	15
114	Suzaku/Chandra Emission/Absorption Line Observations of Hot Gas in and around Our Galaxy. Progress of Theoretical Physics Supplement, 2007, 169, 79-83.	0.1	3
115	Warm-Hot Intergalactic Medium Associated with the Coma Cluster. Astrophysical Journal, 2007, 655, 831-842.	4.5	36
116	In-flight status of the X-ray observatory Suzaku. , 2007, , .		4
117	EDGE: explorer of diffuse emission and gamma-ray burst explosions. , 2007, , .		5
118	Suzaku Observations of A2218. , 2007, , 395-397.		0
119	Chandra Observations of SDSS J1004+4112: Constraints on the Lensing Cluster and Anomalous X-Ray Flux Ratios of the Quadrupty Imaged Quasar. Astrophysical Journal, 2006, 647, 215-221.	4.5	34
120	DIOS: the diffuse intergalactic oxygen surveyor. , 2006, , .		17
121	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
122	The Astro-E2/XRS-2 helium insert system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 559, 666-668.	1.6	6
123	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
124	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
125	Neon dewar for the X-ray spectrometer onboard Suzaku. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 559, 648-650.	1.6	6
126	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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127	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
128	The XRS Microcalorimeter on Astro-E2. , 2005, , .		1
129	Probing Warm-Hot Intergalactic Medium Associated with the Virgo Cluster Using an Oxygen Absorption Line. Publication of the Astronomical Society of Japan, 2004, 56, L29-L34.	2.5	29
130	High Sensitive X-ray Microcalorimeter Using Bi–Au Microabsorber for Imaging Applications. Japanese Journal of Applied Physics, 2004, 43, 1190-1195.	1.5	10
131	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
132	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
133	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
134	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
135	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
136	Prototype of the high sensitive X-ray microcalorimeter for X-ray imaging. Sensors and Actuators A: Physical, 2004, 114, 171-175.	4.1	1
137	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
138	GEANT modeling of the low-earth-orbit cosmic-ray background for the Astro-E2 XRS instrument. , 2004, , .		4
139	The filter wheel system for the x-ray spectrometer onboard Astro-E2. , 2004, , .		0
140	Detection of Highly Ionized O and Ne Absorption Lines in the X-ray Spectrum of 4U 1820+303 in the Globular Cluster NGC 6624. Astrophysical Journal, 2004, 605, 793-799.	4.5	37
141	Locating the Warm–Hot Intergalactic Medium in the Simulated Local Universe. Publication of the Astronomical Society of Japan, 2004, 56, 939-957.	2.5	26
142	Development of a microcalorimeter array for the Diffuse-Intergalactic Oxygen-Surveyor (DIOS) mission. , 2004, , .		7
143	Development of Bi Electrodeposition Process for Fabricating Microabsorber Array for High Sensitive X-ray Imaging Sensor. Electrochemistry, 2004, 72, 424-426.	1.4	2
144	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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145	Transition edge X-ray sensors for industrial applications. Physica B: Condensed Matter, 2003, 329-333, 1619-1620.	2.7	0
146	Multipixel readout of TES calorimeters. , 2003, , .		1
147	Present performance of a single pixel Ti/Au bilayer TES calorimeter. , 2003, 4851, 831.		12
148	XMM-Newton observation of the ULIRG NGC 6240. Astronomy and Astrophysics, 2003, 411, 63-70.	5.1	33
149	High-speed superconducting x-ray calorimeter using a transition edge sensor. Superconductor Science and Technology, 2002, 15, 133-135.	3.5	2
150	O and Ne K Absorption Edge Structures and Interstellar Abundance toward Cygnus X-2. Astrophysical Journal, 2002, 581, 307-314.	4.5	47
151	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
152	Detection of an Iron Emission Feature from the Lensed Broad Absorption Line QSO H1413+117 at [CLC][ITAL]z[ITAL]/[CLC] = 2.56. Astrophysical Journal, 2001, 563, L103-L106.	4.5	24
153	<title>Improvements of an x-ray microcalorimeter for detecting cosmic rays</title>. , 2000, , .		1
154	Development of a superconducting X-ray microcalorimeter with a titanium/gold thin film as a thermometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 444, 180-183.	1.6	6
155	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
156	Multi-pixel readout of transition-edge sensors using a multi-input SQUID. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 436, 252-255.	1.6	11
157	ASCA Observations of X-ray Emission from Ultra-luminous Infrared Galaxies. Astrophysics and Space Science, 1999, 266, 43-48.	1.4	6
158	ASCA observations of ultra luminous infrared galaxies " evolution from starburst to AGN ?. Astronomische Nachrichten, 1999, 320, 246-247.	1.2	1
159	<title>Design and performance of the ASTRO-E/XRS microcalorimeter array and anticoincidence detector</title>. , 1999, , .		11
160	<title>Design and performance of the ASTRO-E/XRS signal processing system</title>. , 1999, , .		38
161	<title>ASTRO-E high-resolution x-ray spectrometer</title>. , 1999, 3765, 114.		39
162	<title>ASTRO-E/XRS calibration program and results</title>. , 1999, , .		10

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163	<title>Development of a high-energy-resolution x-ray microcalorimeter using Ti/Au TES</title>. , 1999, 3893, 241.		2
164	<title>ASTRO-E/XRS blocking-filter calibration</title>. , 1999, , .		12
165	AnASCAObservation of M51 (NGC 5194): Iron K Emission from an Obscured Active Galactic Nucleus. Astrophysical Journal, 1998, 496, 210-215.	4.5	29
166	ASCA spectroscopy of IRAS 23060 + 0505: penetrating the torus of a type 2 quasar with X-rays. Monthly Notices of the Royal Astronomical Society, 1997, 290, 617-622.	4.4	42
167	ASCA Observations of Two Ultraluminous IRAS Galaxies: IRAS 15307+3252 and IRAS 20460+1925. Publication of the Astronomical Society of Japan, 1997, 49, 179-185.	2.5	27
168	X-Ray Observations of the BL Lacertae Object OJ 287 with ASCA. Publication of the Astronomical Society of Japan, 1997, 49, 631-637.	2.5	25
169	Detailed X-ray spectroscopy of AM Herculis with ASCA. Monthly Notices of the Royal Astronomical Society, 1997, 287, 651-662.	4.4	29
170	Multiwavelength Monitoring of the BL Lacertae Object PKS 2155âˆ’304 in 1994 May. III. Probing the Inner Jet through Multiwavelength Correlations. Astrophysical Journal, 1997, 486, 799-809.	4.5	96
171	Xâ€Ray Spectroscopic Observations of EX Hydrae and Mass Determination of the White Dwarf. Astrophysical Journal, 1997, 474, 774-781.	4.5	58
172	Simultaneous Multiwavelength Spectrum and Variability of 3C 279 from 10 ⁹ to 10 ²⁴ Hz. Astrophysical Journal, 1996, 461, 698.	4.5	107
173	Prototype of the multi-pixel X-ray microcalorimeter. , 0, , .		1
174	A via hole based superconducting wiring method for enhanced X-ray image sensors. , 0, , .		0