

# Hiromitsu H Takahashi

## List of Publications by Year in descending order

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383  
papers

43,687  
citations

1368

108  
h-index

2171

202  
g-index

389  
all docs

389  
docs citations

389  
times ranked

16486  
citing authors

#	ARTICLE	IF	CITATIONS
1	A crack propagation simulation for a steel CHS T-joint employing an advanced shell-solid finite element modeling. <i>Journal of Marine Science and Technology</i> , 2022, 27, 1-15.	1.3	7
2	Performance of the X-Calibur hard X-ray polarimetry mission during its 2018/19 long-duration balloon flight. <i>Astroparticle Physics</i> , 2022, 143, 102749.	1.9	5
3	Attenuation characteristics of a Ce:Gd <sub>3</sub> Al <sub>2</sub> Ga <sub>3</sub> O <sub>12</sub> scintillator. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2021, 986, 164725.	0.7	5
4	Silicon photomultiplier (Si-PM) comparisons for low-energy gamma ray readouts with BGO and CsI (Tl) scintillators. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2021, 989, 164945.	0.7	7
5	Annealing of proton radiation damages in Si-PM at room temperature. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2021, 986, 164673.	0.7	8
6	Overview of KAGRA: KAGRA science. <i>Progress of Theoretical and Experimental Physics</i> , 2021, 2021, .	1.8	31
7	Overview of KAGRA: Calibration, detector characterization, physical environmental monitors, and the geophysics interferometer. <i>Progress of Theoretical and Experimental Physics</i> , 2021, 2021, .	1.8	66
8	XL-Calibur – a second-generation balloon-borne hard X-ray polarimetry mission. <i>Astroparticle Physics</i> , 2021, 126, 102529.	1.9	36
9	Origins of the Long-term Variability of the Near-infrared Emission of the Black Hole X-Ray Binary GR 1915+105 in the X-Ray Low Luminous State. <i>Astrophysical Journal</i> , 2021, 916, 114.	1.6	1
10	A study of the accretion mechanisms of the high-mass X-ray binary IGR J00370+6122. <i>Publication of the Astronomical Society of Japan</i> , 2021, 73, 1389-1404.	1.0	4
11	The Study of X-Ray Flux Variability of M87. <i>Astrophysical Journal</i> , 2021, 919, 110.	1.6	1
12	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. <i>Living Reviews in Relativity</i> , 2020, 23, 3.	8.2	447
13	Application of independent component analysis to the iKAGRA data. <i>Progress of Theoretical and Experimental Physics</i> , 2020, 2020, .	1.8	7
14	Observations of a GX 301 – 2 Apastron Flare with the X-Calibur Hard X-Ray Polarimeter Supported by NICER, the Swift XRT and BAT, and Fermi GBM. <i>Astrophysical Journal</i> , 2020, 891, 70.	1.6	27
15	Origin of the in-orbit instrumental background of the Hard X-ray Imager onboard Hitomi. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2020, 6, .	1.0	3
16	<i>PoGO</i> polarimetric constraint on the synchrotron jet emission of Cygnus X-1. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 483, L138-L143.	1.2	14
17	Estimation of the detected background by the future gamma ray transient mission CAMELOT. <i>Astronomische Nachrichten</i> , 2019, 340, 666-673.	0.6	5
18	Science prospects for SPHiNX – A small satellite GRB polarimetry mission. <i>Astroparticle Physics</i> , 2019, 104, 54-63.	1.9	11

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19	Event-selection technique for the multi-layer Si <sup>+</sup> CdTe Compton camera onboard Hitomi. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 924, 327-331.	0.7	2
20	Performance study of a large CsI(Tl) scintillator with an MPPC readout for nanosatellites used to localize gamma-ray bursts. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 924, 316-320.	0.7	8
21	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. Living Reviews in Relativity, 2018, 21, 3.	8.2	808
22	X-Ray and GeV Gamma-Ray Variability of the Radio Galaxy NGC 1275. Astrophysical Journal, 2018, 855, 93.	1.6	16
23	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, .	1.0	46
24	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, .	1.0	21
25	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, .	1.0	8
26	Hitomi observations of the LMC SNR N4: Highly redshifted X-ray emission from iron ejecta. Publication of the Astronomical Society of Japan, 2018, 70, .	1.0	5
27	Glimpse of the highly obscured HMXB IGR J16318+4848 with Hitomi. Publication of the Astronomical Society of Japan, 2018, 70, .	1.0	4
28	Hitomi X-ray studies of giant radio pulses from the Crab pulsar. Publication of the Astronomical Society of Japan, 2018, 70, .	1.0	8
29	Modeling of proton-induced radioactivation background in hard X-ray telescopes: Geant4-based simulation and its demonstration by Hitomi'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.	0.7	12
30	Measurements of resonant scattering in the Perseus Cluster core with Hitomi SXS. Publication of the Astronomical Society of Japan, 2018, 70, .	1.0	29
31	Atmospheric gas dynamics in the Perseus cluster observed with Hitomi. Publication of the Astronomical Society of Japan, 2018, 70, .	1.0	57
32	Hitomi observation of radio galaxy NGC 1275: The first X-ray microcalorimeter spectroscopy of Fe-K $\pm$ line emission from an active galactic nucleus. Publication of the Astronomical Society of Japan, 2018, 70, .	1.0	27
33	Temperature structure in the Perseus cluster core observed with Hitomi. Publication of the Astronomical Society of Japan, 2018, 70, .	1.0	20
34	Non-thermal X-rays from colliding wind shock acceleration in the massive binary Eta Carinae. Nature Astronomy, 2018, 2, 731-736.	4.2	36
35	Hitomi X-ray observation of the pulsar wind nebula G21.5+0.9. Publication of the Astronomical Society of Japan, 2018, 70, .	1.0	8
36	The PoGO+ Balloon-Borne Hard X-ray Polarimetry Mission. Galaxies, 2018, 6, 30.	1.1	11

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37	Orbital solution leading to an acceptable interpretation for the enigmatic gamma-ray binary HESS J0632+057. Publication of the Astronomical Society of Japan, 2018, 70, .	1.0	9
38	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. , 2018, 21, 1.		2
39	Accretion geometry of the black-hole binary Cygnus X-1 from X-ray polarimetry. Nature Astronomy, 2018, 2, 652-655.	4.2	38
40	Astro-H/Hitomi data analysis, processing, and archive. Journal of Astronomical Telescopes, Instruments, and Systems, 2018, 4, 1.	1.0	6
41	Concept of the X-ray Astronomy Recovery Mission. , 2018, , .		85
42	CAMELOT: design and performance verification of the detector concept and localization capability. , 2018, , .		11
43	CAMELOT: Cubesats Applied for MEasuring and LOcalising Transients mission overview. , 2018, , .		12
44	Spectral response and effective area functions of the Hitomi imaging instruments. Journal of Astronomical Telescopes, Instruments, and Systems, 2018, 4, 1.	1.0	3
45	Hitomi Constraints on the 3.5 keV Line in the Perseus Galaxy Cluster. Astrophysical Journal Letters, 2017, 837, L15.	3.0	84
46	X-Ray Studies of the Extended TeV Gamma-Ray Source VER J2019+368. Astrophysical Journal, 2017, 841, 104.	1.6	10
47	Calibration and performance studies of the balloon-borne hard X-ray polarimeter PoGO+. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 859, 125-133.	0.7	16
48	Shedding new light on the Crab with polarized X-rays. Scientific Reports, 2017, 7, 7816.	1.6	40
49	Solar abundance ratios of the iron-peak elements in the Perseus cluster. Nature, 2017, 551, 478-480.	13.7	73
50	Study of orbital and superorbital variability of LSI +61° 303 with X-ray data. Monthly Notices of the Royal Astronomical Society, 2017, 470, 1718-1728.	1.6	15
51	Black hole spin of Cygnus X-1 determined from the softest state ever observed. Publication of the Astronomical Society of Japan, 2017, 69, .	1.0	19
52	Evaluation of a bread board model gamma-ray burst polarimeter toward installation on the international space station. , 2016, , .		1
53	The quiescent intracluster medium in the core of the Perseus cluster. Nature, 2016, 535, 117-121.	13.7	348
54	The Si/CdTe semiconductor camera of the ASTRO-H Hard X-ray Imager (HXI). Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 831, 235-241.	0.7	25

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55	THE FIRST FERMI LAT SUPERNOVA REMNANT CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2016, 224, 8.	3.0	190
56	DEVELOPMENT OF THE MODEL OF GALACTIC INTERSTELLAR EMISSION FOR STANDARD POINT-SOURCE ANALYSIS OF FERMI LARGE AREA TELESCOPE DATA. <i>Astrophysical Journal, Supplement Series</i> , 2016, 223, 26.	3.0	313
57	FERMI LAT STACKING ANALYSIS OF SWIFT LOCALIZED GRBs. <i>Astrophysical Journal</i> , 2016, 822, 68.	1.6	5
58	Optimising a balloon-borne polarimeter in the hard X-ray domain: From the PoGOLite Pathfinder to PoGO+. <i>Astroparticle Physics</i> , 2016, 82, 99-107.	1.9	18
59	Study of the polarimetric performance of a Si/CdTe semiconductor Compton camera for the Hitomi satellite. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016, 840, 51-58.	0.7	9
60	ETA CARINAE'S THERMAL X-RAY TAIL MEASURED WITH XMM-NEWTON AND NuSTAR. <i>Astrophysical Journal</i> , 2016, 817, 23.	1.6	15
61	Deep view of the Large Magellanic Cloud with six years of Fermi-LAT observations. <i>Astronomy and Astrophysics</i> , 2016, 586, A71.	2.1	64
62	Resolving the Extragalactic $I^3$ -Ray Background above 50 GeV with the Fermi Large Area Telescope. <i>Physical Review Letters</i> , 2016, 116, 151105.	2.9	130
63	FERMI LARGE AREA TELESCOPE DETECTION OF EXTENDED GAMMA-RAY EMISSION FROM THE RADIO GALAXY FORNAX A. <i>Astrophysical Journal</i> , 2016, 826, 1.	1.6	60
64	The soft gamma-ray detector (SGD) onboard ASTRO-H. , 2016, , .		7
65	Measurement of the high-energy gamma-ray emission from the Moon with the Fermi Large Area Telescope. <i>Physical Review D</i> , 2016, 93, 082001.	1.6	20
66	Search for Spectral Irregularities due to Photon Axionlike-Particle Oscillations with the Fermi Large Area Telescope. <i>Physical Review Letters</i> , 2016, 116, 161101.	2.9	151
67	Hard x-ray imaging polarimeter for PolariS. <i>Proceedings of SPIE</i> , 2016, , .	0.8	3
68	The hard x-ray imager (HXI) onboard ASTRO-H. , 2016, , .		6
69	The ASTRO-H (Hitomi) x-ray astronomy satellite. <i>Proceedings of SPIE</i> , 2016, , .	0.8	47
70	The design and flight performance of the PoGOLite Pathfinder balloon-borne hard X-ray polarimeter. <i>Experimental Astronomy</i> , 2016, 41, 17-41.	1.6	15
71	The first demonstration of the concept of a narrow-FOV Si/CdTe semiconductor Compton camera. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016, 806, 5-13.	0.7	15
72	Preflight performance studies of the PoGOLite hard X-ray polarimeter. <i>Astroparticle Physics</i> , 2016, 72, 1-10.	1.9	14

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73	Study of a detector system for high-energy astrophysical objects using a combination of plastic scintillator and MPPC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 831, 400-403.	0.7	2
74	Development and verification of signal processing system of avalanche photo diode for the active shields onboard ASTRO-H. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 831, 410-414.	0.7	4
75	SEARCH FOR GAMMA-RAY EMISSION FROM THE COMA CLUSTER WITH SIX YEARS OF FERMI-LAT DATA. Astrophysical Journal, 2016, 819, 149.	1.6	88
76	CONTEMPORANEOUS BROADBAND OBSERVATIONS OF THREE HIGH-REDSHIFT BL LAC OBJECTS. Astrophysical Journal, 2016, 820, 72.	1.6	3
77	2FHL: THE SECOND CATALOG OF HARD FERMI-LAT SOURCES. Astrophysical Journal, Supplement Series, 2016, 222, 5.	3.0	219
78	FERMI-LAT OBSERVATIONS OF HIGH-ENERGY $\gamma$ -RAY EMISSION TOWARD THE GALACTIC CENTER. Astrophysical Journal, 2016, 819, 44.	1.6	301
79	Repetitive patterns in rapid optical variations in the nearby black-hole binary V404 Cygni. Nature, 2016, 529, 54-58.	13.7	71
80	Astro-H data analysis, processing and archive. Proceedings of SPIE, 2016, , .	0.8	11
81	Updated search for spectral lines from Galactic dark matter interactions with pass 8 data from the Fermi Large Area Telescope. Physical Review D, 2015, 91, .	1.6	220
82	Searching for Dark Matter Annihilation from Milky Way Dwarf Spheroidal Galaxies with Six Years of Fermi Large Area Telescope Data. Physical Review Letters, 2015, 115, 231301.	2.9	881
83	PSR J1906+0722: AN ELUSIVE GAMMA-RAY PULSAR. Astrophysical Journal Letters, 2015, 809, L2.	3.0	18
84	An extremely bright gamma-ray pulsar in the Large Magellanic Cloud. Science, 2015, 350, 801-805.	6.0	41
85	Limits on dark matter annihilation signals from the Fermi LAT 4-year measurement of the isotropic gamma-ray background. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 008-008.	1.9	90
86	THE THIRD CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THE FERMI LARGE AREA TELESCOPE. Astrophysical Journal, 2015, 810, 14.	1.6	475
87	MULTIWAVELENGTH EVIDENCE FOR QUASI-PERIODIC MODULATION IN THE GAMMA-RAY BLAZAR PG 1553+113. Astrophysical Journal Letters, 2015, 813, L41.	3.0	144
88	SEARCH FOR EXTENDED GAMMA-RAY EMISSION FROM THE VIRGO GALAXY CLUSTER WITH FERMI-LAT. Astrophysical Journal, 2015, 812, 159.	1.6	52
89	VERY HIGH ENERGY $\gamma$ -RAYS FROM THE UNIVERSE'S MIDDLE AGE: DETECTION OF THE $z = 0.940$ BLAZAR PKS 1441+25 WITH MAGIC. Astrophysical Journal Letters, 2015, 815, L23.	3.0	78
90	GAMMA-RAY FLARING ACTIVITY FROM THE GRAVITATIONALLY LENSED BLAZAR PKS 1830-211 OBSERVED BY FERMI-LAT. Astrophysical Journal, 2015, 799, 143.	1.6	45

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91	THE SPECTRUM OF ISOTROPIC DIFFUSE GAMMA-RAY EMISSION BETWEEN 100ÂMeV AND 820ÂGeV. <i>Astrophysical Journal</i> , 2015, 799, 86.	1.6	556
92	<i>FERMI</i> LARGE AREA TELESCOPE THIRD SOURCE CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2015, 218, 23.	3.0	1,224
93	Hydrodynamic characteristics of a membrane oxygenator: modeling of pressure-flow characteristics and their influence on apparent viscosity. <i>Perfusion (United Kingdom)</i> , 2015, 30, 478-483.	0.5	6
94	<i>SUZAKU</i> OBSERVATION OF THE FERMI CYGNUS COCOON: THE SEARCH FOR A SIGNATURE OF YOUNG COSMIC-RAY ELECTRONS. <i>Astrophysical Journal</i> , 2015, 803, 74.	1.6	7
95	SEARCH FOR EARLY GAMMA-RAY PRODUCTION IN SUPERNOVAE LOCATED IN A DENSE CIRCUMSTELLAR MEDIUM WITH THE <i>FERMI</i>LAT. <i>Astrophysical Journal</i> , 2015, 807, 169.	1.6	26
96	PoGOLino: A scintillator-based balloon-borne neutron detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2015, 770, 68-75.	0.7	38
97	Observation of polarized hard X-ray emission from the Crab by the <i>PoGOLite Pathfinder</i>. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2015, 456, L84-L88.	1.2	23
98	The first full orbit of <i>Î</i> Carinae seen by <i>Fermi</i>. <i>Astronomy and Astrophysics</i> , 2015, 577, A100.	2.1	33
99	SEARCH FOR COSMIC-RAY-INDUCED GAMMA-RAY EMISSION IN GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2014, 787, 18.	1.6	123
100	MULTIFREQUENCY STUDIES OF THE PECULIAR QUASAR 4CÂ+21.35 DURING THE 2010 FLARING ACTIVITY. <i>Astrophysical Journal</i> , 2014, 786, 157.	1.6	33
101	The ASTRO-H X-ray astronomy satellite. <i>Proceedings of SPIE</i> , 2014, , .	0.8	45
102	Suzaku observation of the symbiotic X-ray binary IGRÂJ16194â”2810. <i>Publication of the Astronomical Society of Japan</i> , 2014, 66, .	1.0	5
103	The Hard X-ray Imager (HXI) for the ASTRO-H Mission. , 2014, , .		10
104	Development and verification of signal processing system of BGO active shield onboard Astro-H. , 2014, , .		1
105	X-ray gamma-ray polarimetry small satellite PolariS. <i>Proceedings of SPIE</i> , 2014, , .	0.8	4
106	Data acquisition system and ground calibration of polarized gamma-ray observer (PoGOLite). <i>Proceedings of SPIE</i> , 2014, , .	0.8	1
107	Inferred Cosmic-Ray Spectrum from Fermi Large Area Telescope <math display="inline">\hat{\Gamma}^3</math>-Ray Observations of Earthâ€™s Limb. <i>Physical Review Letters</i> . 2014. 112. 151103.	2.9	28
108	<i>SUZAKU</i> MONITORING OF HARD X-RAY EMISSION FROM Î CARINAE OVER A SINGLE BINARY ORBITAL CYCLE. <i>Astrophysical Journal</i> , 2014, 795, 119.	1.6	14

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109	HIGH-ENERGY GAMMA-RAY EMISSION FROM SOLAR FLARES: SUMMARY OF <i>FERMI</i> LARGE AREA TELESCOPE DETECTIONS AND ANALYSIS OF TWO M-CLASS FLARES. <i>Astrophysical Journal</i> , 2014, 787, 15.	1.6	100
110	DEEP BROADBAND OBSERVATIONS OF THE DISTANT GAMMA-RAY BLAZAR PKS 1424+240. <i>Astrophysical Journal Letters</i> , 2014, 785, L16.	3.0	38
111	Soft gamma-ray detector (SGD) onboard the ASTRO-H mission. <i>Proceedings of SPIE</i> , 2014, , .	0.8	3
112	Fermi establishes classical novae as a distinct class of gamma-ray sources. <i>Science</i> , 2014, 345, 554-558.	6.0	140
113	Suzaku studies of luminosity-dependent changes in the low-mass X-ray binary Aquila X-1. <i>Publication of the Astronomical Society of Japan</i> , 2014, 66, .	1.0	21
114	Dark matter constraints from observations of 25 Milky Way satellite galaxies with the Fermi Large Area Telescope. <i>Physical Review D</i> , 2014, 89, .	1.6	360
115	Fermi-LAT Observations of the Gamma-Ray Burst GRB 130427A. <i>Science</i> , 2014, 343, 42-47.	6.0	211
116	<i>Fermi</i> LARGE AREA TELESCOPE OBSERVATIONS OF BLAZAR 3C 279 OCCULTATIONS BY THE SUN. <i>Astrophysical Journal</i> , 2014, 784, 118.	1.6	13
117	THE SPECTRUM AND MORPHOLOGY OF THE <i>FERMI</i> BUBBLES. <i>Astrophysical Journal</i> , 2014, 793, 64.	1.6	239
118	IMPULSIVE AND LONG DURATION HIGH-ENERGY GAMMA-RAY EMISSION FROM THE VERY BRIGHT 2012 MARCH 7 SOLAR FLARES. <i>Astrophysical Journal</i> , 2014, 789, 20.	1.6	96
119	The First Pulse of the Extremely Bright GRB 130427A: A Test Lab for Synchrotron Shocks. <i>Science</i> , 2014, 343, 51-54.	6.0	55
120	Search for gamma-ray spectral lines with the Fermi Large Area Telescope and dark matter implications. <i>Physical Review D</i> , 2013, 88, .	1.6	175
121	PSR J2021+4026 IN THE GAMMA CYGNI REGION: THE FIRST VARIABLE $\hat{\gamma}$ -RAY PULSAR SEEN BY THE <i>Fermi</i> LAT. <i>Astrophysical Journal Letters</i> , 2013, 777, L2.	3.0	62
122	CONSTRAINTS ON THE GALACTIC POPULATION OF TeV PULSAR WIND NEBULAE USING <i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS. <i>Astrophysical Journal</i> , 2013, 773, 77.	1.6	94
123	Detection of the Characteristic Pion-Decay Signature in Supernova Remnants. <i>Science</i> , 2013, 339, 807-811.	6.0	591
124	Introducing the CTA concept. <i>Astroparticle Physics</i> , 2013, 43, 3-18.	1.9	504
125	DETERMINATION OF THE POINT-SPREAD FUNCTION FOR THE <i>FERMI</i> LARGE AREA TELESCOPE FROM ON-ORBIT DATA AND LIMITS ON PAIR HALOS OF ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2013, 765, 54.	1.6	66
126	Development of signal processing system of avalanche photo diode for space observations by Astro-H. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 699, 112-115.	0.7	2



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127	Development of high performance Avalanche Photodiodes and dedicated analog systems for HXI/SGD detectors onboard the Astro-H mission. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 699, 230-234.	0.7	7
128	Radiation effects on the silicon semiconductor detectors for the ASTRO-H mission. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 699, 225-229.	0.7	11
129	A Study of the Long-Term Spectral Variations of 3C 66A Observed with the Fermi and Kanata Telescopes. Publication of the Astronomical Society of Japan, 2013, 65, .	1.0	4
130	X-Ray and Optical Monitoring of a Gamma-Ray-Emitting Radio Galaxy, NGC 1275. Publication of the Astronomical Society of Japan, 2013, 65, .	1.0	15
131	THE SECOND <i>FERMI</i> LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. Astrophysical Journal, Supplement Series, 2013, 208, 17.	3.0	693
132	THE FIRST <i>FERMI</i> -LAT GAMMA-RAY BURST CATALOG. Astrophysical Journal, Supplement Series, 2013, 209, 11.	3.0	232
133	ASSOCIATING LONG-TERM $\hat{\gamma}$ -RAY VARIABILITY WITH THE SUPERORBITAL PERIOD OF LS I +61 $\hat{\circ}$ 303. Astrophysical Journal Letters, 2013, 773, L35.	3.0	36
134	THE FIRST <i>FERMI</i> -LAT CATALOG OF SOURCES ABOVE 10 GeV. Astrophysical Journal, Supplement Series, 2013, 209, 34.	3.0	184
135	Temperature Dependence of Scintillation Properties of Bright Oxide Scintillators for Well-Logging. Japanese Journal of Applied Physics, 2013, 52, 076401.	0.8	135
136	THE <i>FERMI</i> ALL-SKY VARIABILITY ANALYSIS: A LIST OF FLARING GAMMA-RAY SOURCES AND THE SEARCH FOR TRANSIENTS IN OUR GALAXY. Astrophysical Journal, 2013, 771, 57.	1.6	47
137	A balloon-borne measurement of high latitude atmospheric neutrons using a licaF neutron detector. , 2013, , .		0
138	MULTIWAVELENGTH OBSERVATIONS OF GRB 110731A: GeV EMISSION FROM ONSET TO AFTERGLOW. Astrophysical Journal, 2013, 763, 71.	1.6	75
139	Binary Millisecond Pulsar Discovery via Gamma-Ray Pulsations. Science, 2012, 338, 1314-1317.	6.0	92
140	Data-Oriented Diagnostics of Pileup Effects on the Suzaku XIS. Publication of the Astronomical Society of Japan, 2012, 64, .	1.0	37
141	Gamma-ray follow-up studies on $\hat{\gamma}$ -Carinae. , 2012, , .		1
142	Fermi LAT search for dark matter in gamma-ray lines and the inclusive photon spectrum. Physical Review D, 2012, 86, .	1.6	175
143	Measurement of Separate Cosmic-Ray Electron and Positron Spectra with the Fermi Large Area Telescope. Physical Review Letters, 2012, 108, 011103.	2.9	445
144	The Imprint of the Extragalactic Background Light in the Gamma-Ray Spectra of Blazars. Science, 2012, 338, 1190-1192.	6.0	207

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145	Periodic Emission from the Gamma-Ray Binary 1FGL J1018.6â€“5856. <i>Science</i> , 2012, 335, 189-193.	6.0	74
146	Balloon-borne hard X-ray polarimetry with PoGOLite. , 2012, , .		9
147	THE <i>FERMI</i> LARGE AREA TELESCOPE ON ORBIT: EVENT CLASSIFICATION, INSTRUMENT RESPONSE FUNCTIONS, AND CALIBRATION. <i>Astrophysical Journal, Supplement Series</i> , 2012, 203, 4.	3.0	403
148	Accretion Geometry of the Low-Mass X-Ray Binary Aquila X-1 in the Soft and Hard States. <i>Publication of the Astronomical Society of Japan</i> , 2012, 64, .	1.0	29
149	Soft gamma-ray detector for the ASTRO-H Mission. <i>Proceedings of SPIE</i> , 2012, , .	0.8	11
150	Limits on large extra dimensions based on observations of neutron stars with the Fermi-LAT. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 012-012.	1.9	3
151	X-ray gamma-ray polarimetry small satellite PolariS. <i>Proceedings of SPIE</i> , 2012, , .	0.8	1
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