

Tadayuki Takahashi

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

296
citations

1040056

9
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

321
citing authors

#	ARTICLE	IF	CITATIONS
1	Hard X-ray and I^{137} -ray detectors for the NeXT mission. <i>New Astronomy Reviews</i> , 2004, 48, 269-273.	12.8	63
2	The Si/CdTe semiconductor Compton camera of the ASTRO-H Soft Gamma-ray Detector (SGD). <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 765, 192-201.	1.6	60
3	Development of an integrated response generator for Si/CdTe semiconductor Compton cameras. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010, 624, 303-309.	1.6	28
4	A full spectral-timing model to map the accretion flow in black hole binaries: the low/hard state of MAXI J1820+070. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 536-552.	4.4	22
5	Detection of polarized gamma-ray emission from the Crab nebula with the Hitomi Soft Gamma-ray Detector. <i>Publication of the Astronomical Society of Japan</i> , 2018, 70, .	2.5	21
6	The thermal-radiative wind in low-mass X-ray binary H1743-322 II. Iron line predictions from Monte Carlo radiation transfer. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 3413-3421.	4.4	17
7	Double-Photon Emission Imaging With High-Resolution Si/CdTe Compton Cameras. <i>IEEE Transactions on Nuclear Science</i> , 2021, 68, 2279-2285.	2.0	14
8	Suzaku X-ray observations of the mixed-morphology supernova remnant CTB 1. <i>Publication of the Astronomical Society of Japan</i> , 2018, 70, .	2.5	13
9	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.	1.6	9
10	The thermal-radiative wind in the neutron star low-mass X-ray binary GX 13+1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 4970-4980.	4.4	9
11	Tomographic Imaging by a Si/CdTe Compton Camera for ^{111}In and ^{213}Ac Radionuclides. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2022, 6, 592-600.	3.7	8
12	An application of a Si/CdTe Compton camera for the polarization measurement of hard x rays from highly charged heavy ions. <i>Review of Scientific Instruments</i> , 2021, 92, 063101.	1.3	8
13	Non-destructive 3D imaging method using muonic X-rays and a CdTe double-sided strip detector. <i>Scientific Reports</i> , 2022, 12, 5261.	3.3	6
14	Simultaneous visualization of multiple radionuclides in vivo. <i>Nature Biomedical Engineering</i> , 2022, 6, 640-647.	22.5	6
15	Polarization measurement of L -shell radiative recombination x rays from highly charged bismuth ions. <i>Physical Review A</i> , 2022, 105, .	2.5	5
16	Study of Time Evolution of Thermal and Nonthermal Emission from an M-class Solar Flare. <i>Astrophysical Journal</i> , 2022, 933, 173.	4.5	3
17	A Pure Tungsten Collimator Manufactured Using 3D Printing Technology for the Evaluation of ^{211}At Radionuclide Therapy. <i>Radioisotopes</i> , 2022, 71, 141-151.	0.2	2
18	Spectral properties of gamma-ray bursts observed by the Suzaku wide-band all-sky monitor. <i>Publication of the Astronomical Society of Japan</i> , 2019, 71, .	2.5	1

#	ARTICLE	IF	CITATIONS
19	Contributing to the SpaceWire international standard. Synthesiology, 2019, 11, 146-157.	0.2	1
20	Contributing to the SpaceWire international standard. Synthesiology, 2018, 11, 148-158.	0.2	0