

Tadayuki Takahashi

List of Publications by Year in descending order

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papers

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citations

1040056

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20
docs citations

20
times ranked

321
citing authors

#	ARTICLE	IF	CITATIONS
1	Tomographic Imaging by a Si/CdTe Compton Camera for ^{111}In and ^{211}At Radionuclides. IEEE Transactions on Radiation and Plasma Medical Sciences, 2022, 6, 592-600.	3.7	8
2	A full spectral-timing model to map the accretion flow in black hole binaries: the low/hard state of MAXI J1820+070. Monthly Notices of the Royal Astronomical Society, 2022, 511, 536-552.	4.4	22
3	Polarization measurement of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"> \langle \text{mml:mi>L</mml:mi> \langle \text{mml:math> -shell radiative recombination x rays from highly charged bismuth ions. Physical Review A, 2022, 105, .$	2.5	5
4	Non-destructive 3D imaging method using muonic X-rays and a CdTe double-sided strip detector. Scientific Reports, 2022, 12, 5261.	3.3	6
5	Simultaneous visualization of multiple radionuclides in vivo. Nature Biomedical Engineering, 2022, 6, 640-647.	22.5	6
6	A Pure Tungsten Collimator Manufactured Using 3D Printing Technology for the Evaluation of ^{211}At Radionuclide Therapy. Radioisotopes, 2022, 71, 141-151.	0.2	2
7	Study of Time Evolution of Thermal and Nonthermal Emission from an M-class Solar Flare. Astrophysical Journal, 2022, 933, 173.	4.5	3
8	An application of a Si/CdTe Compton camera for the polarization measurement of hard x rays from highly charged heavy ions. Review of Scientific Instruments, 2021, 92, 063101.	1.3	8
9	Double-Photon Emission Imaging With High-Resolution Si/CdTe Compton Cameras. IEEE Transactions on Nuclear Science, 2021, 68, 2279-2285.	2.0	14
10	The thermal-radiative wind in low-mass X-ray binary H1743-322 II. Iron line predictions from Monte Carlo radiation transfer. Monthly Notices of the Royal Astronomical Society, 2020, 494, 3413-3421.	4.4	17
11	The thermal-radiative wind in the neutron star low-mass X-ray binary GX 13+1. Monthly Notices of the Royal Astronomical Society, 2020, 497, 4970-4980.	4.4	9
12	Spectral properties of gamma-ray bursts observed by the Suzaku wide-band all-sky monitor. Publication of the Astronomical Society of Japan, 2019, 71, .	2.5	1
13	Contributing to the SpaceWire international standard. Synthesiology, 2019, 11, 146-157.	0.2	1
14	Suzaku X-ray observations of the mixed-morphology supernova remnant CTB 1. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	13
15	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
16	Contributing to the SpaceWire international standard. Synthesiology, 2018, 11, 148-158.	0.2	0
17	Study of the polarimetric performance of a Si/CdTe semiconductor Compton camera for the Hitomi satellite. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 840, 51-58.	1.6	9
18	The Si/CdTe semiconductor Compton camera of the ASTRO-H Soft Gamma-ray Detector (SGD). Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 765, 192-201.	1.6	60

#	ARTICLE	IF	CITATIONS
19	Development of an integrated response generator for Si/CdTe semiconductor Compton cameras. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 624, 303-309.	1.6	28
20	Hard X-ray and $\hat{\text{I}}^3$ -ray detectors for the NeXT mission. New Astronomy Reviews, 2004, 48, 269-273.	12.8	63