

Ritabrata Sarkar

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

78
citations

1478505

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1588992

8
g-index

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all docs

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docs citations

13
times ranked

37
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of secondary cosmic ray intensity at Regener-Pfotzer height using low-cost weather balloons and its correlation with solar activity. <i>Advances in Space Research</i> , 2017, 60, 991-998.	2.6	15
2	Fresnel zone plate telescopes for X-ray imaging I: experiments with a quasi-parallel beam. <i>Experimental Astronomy</i> , 2009, 24, 109-126.	3.7	11
3	Instruments of RT-2 experiment onboard CORONAS-PHOTON and their test and evaluation IV: background simulations using GEANT-4 toolkit. <i>Experimental Astronomy</i> , 2011, 29, 85-107.	3.7	9
4	Simulation of cosmic rays in the Earth's atmosphere and interpretation of observed counts in an X-ray detector at balloon altitude near tropical region. <i>Advances in Space Research</i> , 2020, 65, 189-197.	2.6	9
5	Relation between Quiescence and Outbursting Properties of GX 339-4. <i>Astrophysical Journal</i> , 2021, 910, 138.	4.5	9
6	Study of high energy phenomena from near space using low-cost meteorological balloons. <i>Experimental Astronomy</i> , 2017, 43, 311-338.	3.7	8
7	Detection of Crab radiation with a meteorological balloon borne phoswich detector. <i>Experimental Astronomy</i> , 2019, 47, 345-358.	3.7	6
8	Development of instruments for space exploration using meteorological balloons. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2019, 5, 1.	1.8	4
9	Background model of phoswich X-ray detector on board small balloon. <i>Advances in Space Research</i> , 2021, 68, 3052-3063.	2.6	2
10	Detector Development and Optimization for Space Based Astronomy from Satellites and Balloons. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2018, , 371-385.	0.3	2
11	Feasibility of spectro-photometry in X-rays (SPHINX) from the moon. <i>Experimental Astronomy</i> , 2010, 28, 61-77.	3.7	1
12	Extensive study of radiation dose on human body at aviation altitude through Monte Carlo simulation. <i>Life Sciences in Space Research</i> , 2021, 31, 1-13.	2.3	1
13	Monte Carlo simulation of CRAND protons trapped at low Earth orbits. <i>Advances in Space Research</i> , 2022, 69, 197-208.	2.6	1