

N P S Mithun

List of Publications by Year in descending order

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28
papers

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759233

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docs citations

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times ranked

1049
citing authors

#	ARTICLE	IF	CITATIONS
1	The Cadmium Zinc Telluride Imager on AstroSat. <i>Journal of Astrophysics and Astronomy</i> , 2017, 38, 1.	1.0	70
2	Phase-resolved X-ray polarimetry of the Crab pulsar with the AstroSat CZT Imager. <i>Nature Astronomy</i> , 2018, 2, 50-55.	10.1	59
3	Prompt Emission Polarimetry of Gamma-Ray Bursts with the AstroSat CZT Imager. <i>Astrophysical Journal</i> , 2019, 884, 123.	4.5	45
4	ASTROSAT CZT IMAGER OBSERVATIONS OF GRB 151006A: TIMING, SPECTROSCOPY, AND POLARIZATION STUDY. <i>Astrophysical Journal</i> , 2016, 833, 86.	4.5	30
5	A Tale of Two Transients: GW 170104 and GRB 170105A. <i>Astrophysical Journal</i> , 2017, 845, 152.	4.5	29
6	Time-varying Polarized Gamma-Rays from GRB 160821A: Evidence for Ordered Magnetic Fields. <i>Astrophysical Journal Letters</i> , 2019, 882, L10.	8.3	29
7	Solar X-Ray Monitor on Board the Chandrayaan-2 Orbiter: In-Flight Performance and Science Prospects. <i>Solar Physics</i> , 2020, 295, 1.	2.5	21
8	Observations of the Quiet Sun during the Deepest Solar Minimum of the Past Century with Chandrayaan-2 XSM: Sub-A-class Microflares outside Active Regions. <i>Astrophysical Journal Letters</i> , 2021, 912, L13.	8.3	20
9	Evolution of Elemental Abundances during B-Class Solar Flares: Soft X-Ray Spectral Measurements with Chandrayaan-2 XSM. <i>Astrophysical Journal</i> , 2021, 920, 4.	4.5	18
10	Solar X-ray Monitor Onboard Chandrayaan-2 Orbiter. <i>Current Science</i> , 2020, 118, 45.	0.8	16
11	Observations of the Quiet Sun during the Deepest Solar Minimum of the Past Century with Chandrayaan-2 XSM: Elemental Abundances in the Quiescent Corona. <i>Astrophysical Journal Letters</i> , 2021, 912, L12.	8.3	14
12	Data processing software for Chandrayaan-2 Solar X-ray Monitor. <i>Astronomy and Computing</i> , 2021, 34, 100449.	1.7	13
13	A Precise Measurement of the Orbital Period Parameters of Cygnus X-3. <i>Astrophysical Journal</i> , 2017, 849, 141.	4.5	12
14	Development of a hard x-ray focal plane compton polarimeter: a compact polarimetric configuration with scintillators and Si photomultipliers. <i>Experimental Astronomy</i> , 2016, 41, 197-214.	3.7	9
15	The AstroSat mass model: Imaging and flux studies of off-axis sources with CZTI. <i>Journal of Astrophysics and Astronomy</i> , 2021, 42, 1.	1.0	9
16	Ground calibration of Solar X-ray Monitor on board the Chandrayaan-2 orbiter. <i>Experimental Astronomy</i> , 2021, 51, 33-60.	3.7	8
17	Charged Particle Monitor on the Astrosat Mission. <i>Journal of Astrophysics and Astronomy</i> , 2017, 38, 1.	1.0	7
18	Sub-MeV spectroscopy with AstroSat-CZT imager for gamma ray bursts. <i>Journal of Astrophysics and Astronomy</i> , 2021, 42, 1.	1.0	6

#	ARTICLE	IF	CITATIONS
19	Timing offset calibration of CZTI instrument aboard ASTROSAT. <i>Astronomy and Astrophysics</i> , 2018, 617, A22.	5.1	5
20	A generalized event selection algorithm for AstroSat CZT imager data. <i>Journal of Astrophysics and Astronomy</i> , 2021, 42, 1.	1.0	3
21	Exploring sub-MeV sensitivity of AstroSatâ€™CZTI for ON-axis bright sources. <i>Journal of Astrophysics and Astronomy</i> , 2021, 42, 1.	1.0	3
22	Chandrayaan-2 Large Area Soft X-ray Spectrometer (CLASS): Calibration, In-flight performance and first results. <i>Icarus</i> , 2021, 363, 114436.	2.5	3
23	Imaging calibration of AstroSat Cadmium Zinc Telluride Imager (CZTI). <i>Journal of Astrophysics and Astronomy</i> , 2021, 42, 1.	1.0	2
24	Radio, X-Ray, and Extreme-ultraviolet Observations of Weak Energy Releases in the â€™Quietâ€™Sun. <i>Astrophysical Journal Letters</i> , 2021, 918, L18.	8.3	2
25	INVESTIGATING THE CONNECTION BETWEEN QUASI-PERIODIC OSCILLATIONS AND SPECTRAL COMPONENTS WITH NuSTAR DATA OF GRS 1915+105. <i>Astrophysical Journal</i> , 2016, 817, 28.	4.5	2
26	Ground calibration of Alpha Particle X-ray Spectrometer (APXS) on-board Chandrayaan-2 Pragyaan rover: An empirical approach. <i>Planetary and Space Science</i> , 2020, 187, 104923.	1.7	1
27	DarpanX: A python package for modeling X-ray reflectivity of multilayer mirrors. <i>Astronomy and Computing</i> , 2021, 34, 100446.	1.7	1
28	Characterisation of cosmic ray induced noise events in AstroSat-CZT imager. <i>Journal of Astrophysics and Astronomy</i> , 2021, 42, 1.	1.0	1