Tomasz Mrozek

List of Publications by Year in descending order

25 papers	125 citations	1478505 6 h-index	1281871 11 g-index
25 all docs	25 docs citations	25 times ranked	171 citing authors

#	Article	IF	Citations
1	Failed Eruption of a Filament as a Driver for Vertical Oscillations of Coronal Loops. Solar Physics, 2011, 270, 191-203.	2.5	27
2	SOLAR FLARE COMPOSITION AND THERMODYNAMICS FROM RESIK X-RAY SPECTRA. Astrophysical Journal, 2014, 787, 122.	4.5	24
3	STIX X-ray microflare observations during the Solar Orbiter commissioning phase. Astronomy and Astrophysics, 2021, 656, A4.	5.1	23
4	RHESSI investigation of solar flare footpoints. Advances in Space Research, 2006, 38, 962-967.	2.6	9
5	Coronal Mass Ejections Associated with Slow Long Duration Flares. Solar Physics, 2013, 283, 505-517.	2.5	9
6	Energy Release During Slow Long-Duration Flares Observed by RHESSI. Solar Physics, 2011, 271, 75-89.	2.5	6
7	Plasma diagnostics in two kinematic classes of CMEs observed by the Atmospheric Imaging Assembly onboard the Solar Dynamic Observatory. Astronomische Nachrichten, 2016, 337, 1016-1019.	1.2	4
8	The non-Fourier image reconstruction method for the STIX instrument. Open Astronomy, 2020, 29, 220-230.	0.6	4
9	Spectroscopic analysis of the solar flare event on 2002 August 3 with the use of RHESSI and RESIK data. Advances in Space Research, 2008, 42, 822-827.	2.6	3
10	Searching for failed eruptions interacting with overlying magnetic field. Proceedings of the International Astronomical Union, 2015, 11, 221-223.	0.0	3
11	KORTES Mission for Solar Activity Monitoring Onboard International Space Station. Frontiers in Astronomy and Space Sciences, 2021, 8, .	2.8	3
12	Solar Microflares Observed by SphinX and RHESSI. Solar Physics, 2018, 293, 1.	2.5	2
13	A Multiwavelength Analysis of the Long-duration Flare Observed on 15 April 2002. Solar Physics, 2020, 295, 1.	2.5	2
14	Concept and Design of Martian Far-IR ORE Spectrometer (MIRORES). Remote Sensing, 2022, 14, 2799.	4.0	2
15	Solar flares observed simultaneously with SphinX, GOES and RHESSI. Proceedings of the International Astronomical Union, 2012, 8, 571-572.	0.0	1
16	Model of flare lightcurve profile observed in soft X-rays. Proceedings of the International Astronomical Union, 2015, 11, 89-94.	0.0	1
17	Multitemperature analysis of solar flare observed on 2003 March 29. Proceedings of the International Astronomical Union, 2015, 11, 86-88.	0.0	1
18	Catalog of Solar Failed Eruptions and Other Dynamic Features Registered by SDO/AIA. Astrophysical Journal, Supplement Series, 2020, 249, 21.	7.7	1

#	Article	IF	Citations
19	Basic observational characteristics of impulsive SXR brightenings. Advances in Space Research, 2002, 30, 653-658.	2.6	0
20	Astro tourism: Astro Izery project. Proceedings of the International Astronomical Union, 2012, 10, 737-737.	0.0	0
21	Geant4 simulations of STIX Caliste-SO detector's response to solar X-ray radiation. Proceedings of the International Astronomical Union, 2015, 11, 439-441.	0.0	0
22	High-temperature solar flare plasma behaviour from crystal spectrometer observations. Proceedings of the International Astronomical Union, 2015, 11, 80-85.	0.0	0
23	On the fine structure of solar flare X-ray loop top sources. Proceedings of the International Astronomical Union, 2015, 11, 74-79.	0.0	0
24	Lokalna globalnoÅ›Ä‡ i jej wÄ™drÃ³wki. Prace Kulturoznawcze, 2018, 21, 59-74.	0.0	0
25	Plasma dynamics in the flaring loop observed by RHESSI. Astronomy and Astrophysics, 2022, 659, A60.	5.1	0