

Tanmoy Samanta

List of Publications by Year in descending order

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27
papers

698
citations

567281

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27
all docs

27
docs citations

27
times ranked

696
citing authors

#	ARTICLE	IF	CITATIONS
1	Searching for a Solar Source of Magnetic-Field Switchbacks in Parker Solar Probe's First Encounter. Solar Physics, 2022, 297, .	2.5	2
2	Plasma Heating Induced by Tadpole-like Downflows in the Flaring Solar Corona. Innovation(China), 2021, 2, 100083.	9.1	22
3	Global maps of the magnetic field in the solar corona. Science, 2020, 369, 694-697.	12.6	92
4	Possible Evolution of Minifilament-Eruption-Produced Solar Coronal Jets, Jetlets, and Spicules, into Magnetic-Twist-Wave "Switchbacks" Observed by the Parker Solar Probe (PSP). Journal of Physics: Conference Series, 2020, 1620, 012020.	0.4	4
5	Mapping the magnetic field in the solar corona through magnetoseismology. Science China Technological Sciences, 2020, 63, 2357-2368.	4.0	41
6	Possible Production of Solar Spicules by Microfilament Eruptions. Astrophysical Journal Letters, 2020, 893, L45.	8.3	17
7	Generation of solar spicules and subsequent atmospheric heating. Science China Technological Sciences, 2020, 63, 2467-2468.	4.0	0
8	Solar ultraviolet bursts in a coordinated observation of IRIS, Hinode and SDO. Science China Technological Sciences, 2019, 62, 1555-1564.	4.0	14
9	Evidence for Vortex Shedding in the Sun's Hot Corona. Physical Review Letters, 2019, 123, 035102.	7.8	16
10	Generation of solar spicules and subsequent atmospheric heating. Science, 2019, 366, 890-894.	12.6	102
11	Flame-like Ellerman Bombs and Their Connection to Solar Ultraviolet Bursts. Astrophysical Journal Letters, 2019, 875, L30.	8.3	28
12	Investigating the Transition Region Explosive Events and Their Relationship to Network Jets. Astrophysical Journal, 2019, 873, 79.	4.5	26
13	On the Observations of Rapid Forced Reconnection in the Solar Corona. Astrophysical Journal, 2019, 887, 137.	4.5	29
14	Magnetic Reconnection at the Earliest Stage of Solar Flux Emergence. Astrophysical Journal, 2018, 854, 174.	4.5	49
15	Penumbra Waves Driving Solar Fan-shaped Chromospheric Jets. Astrophysical Journal Letters, 2018, 855, L19.	8.3	7
16	Frequently Occurring Reconnection Jets from Sunspot Light Bridges. Astrophysical Journal, 2018, 854, 92.	4.5	70
17	Two Solar Tornadoes Observed with the Interface Region Imaging Spectrograph. Astrophysical Journal, 2018, 852, 79.	4.5	18
18	The transition region above sunspots. Geoscience Letters, 2018, 5, .	3.3	7

#	ARTICLE	IF	CITATIONS
19	Diagnosing the Magnetic Field Structure of a Coronal Cavity Observed during the 2017 Total Solar Eclipse. <i>Astrophysical Journal</i> , 2018, 856, 21.	4.5	24
20	Statistical Investigation of Supersonic Downflows in the Transition Region above Sunspots. <i>Astrophysical Journal</i> , 2018, 859, 158.	4.5	14
21	Dynamics of Subarcsecond Bright Dots in the Transition Region above Sunspots and Their Relation to Penumbra Micro-jets. <i>Astrophysical Journal Letters</i> , 2017, 835, L19.	8.3	20
22	Kodaikanal digitized white-light data archive (1921â€“2011): Analysis of various solar cycle features. <i>Astronomy and Astrophysics</i> , 2017, 601, A106.	5.1	42
23	Observations of the solar corona during the total solar eclipse on 21 August 2017. <i>Earth and Planetary Physics</i> , 2017, 1, 68-71.	1.1	5
24	THE EFFECTS OF TRANSIENTS ON PHOTOSPHERIC AND CHROMOSPHERIC POWER DISTRIBUTIONS. <i>Astrophysical Journal</i> , 2016, 828, 23.	4.5	4
25	Propagating disturbances along fan-like coronal loops in an active region. <i>Research in Astronomy and Astrophysics</i> , 2015, 15, 1832-1842.	1.7	6
26	PROPAGATING DISTURBANCES IN THE SOLAR CORONA AND SPICULAR CONNECTION. <i>Astrophysical Journal Letters</i> , 2015, 815, L16.	8.3	27
27	QUASI-PERIODIC OSCILLATION OF A CORONAL BRIGHT POINT. <i>Astrophysical Journal</i> , 2015, 806, 172.	4.5	12