

Soumitra Hazra

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

157
citations

1307594

7
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

131
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling Solar Wind Variations over an 11 Year Cycle with Alfvén Wave Dissipation: A Parameter Study. <i>Astrophysical Journal</i> , 2021, 910, 90.	4.5	9
2	Does the mean-field α effect have any impact on the memory of the solar cycle?. <i>Astronomy and Astrophysics</i> , 2020, 642, A51.	5.1	15
3	Distinguishing between flaring and nonflaring active regions. <i>Astronomy and Astrophysics</i> , 2020, 639, A44.	5.1	9
4	The origin of parity changes in the solar cycle. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 4329-4337.	4.4	29
5	Excess specific heat from the gapped sliding phonon modes in the incommensurate composite crystal $\frac{O}{41} \times 14$ <i>Physical Review B</i> , 2019, 99, .	4.4	14
6	A solar cycle 25 prediction based on 4D-var data assimilation approach. <i>Proceedings of the International Astronomical Union</i> , 2019, 15, 138-146.	0.0	2
7	Hemispheric Preference and Cyclic Variation of Solar Filament Chirality from 2000 to 2016. <i>Astrophysical Journal</i> , 2018, 865, 108.	4.5	2
8	Simulating Coronal Loop Implosion and Compressible Wave Modes in a Flare Hit Active Region. <i>Astrophysical Journal</i> , 2017, 851, 120.	4.5	7
9	A PROPOSED PARADIGM FOR SOLAR CYCLE DYNAMICS MEDIATED VIA TURBULENT PUMPING OF MAGNETIC FLUX IN BABCOCK-LEIGHTON-TYPE SOLAR DYNAMOS. <i>Astrophysical Journal</i> , 2016, 832, 9.	4.5	27
10	The Relationship Between Solar Coronal X-Ray Brightness and Active Region Magnetic Fields: A Study Using High-Resolution Hinode Observations. <i>Solar Physics</i> , 2015, 290, 771-785.	2.5	5
11	A STOCHASTICALLY FORCED TIME DELAY SOLAR DYNAMO MODEL: SELF-CONSISTENT RECOVERY FROM A MAUNDER-LIKE GRAND MINIMUM NECESSITATES A MEAN-FIELD ALPHA EFFECT. <i>Astrophysical Journal</i> , 2014, 789, 5.	4.5	48