

Therese Kucera

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

2,207
citations

516215

16
h-index

713013

21
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21
all docs

21
docs citations

21
times ranked

1542
citing authors

#	ARTICLE	IF	CITATIONS
1	The STEREO Mission: An Introduction. <i>Space Science Reviews</i> , 2008, 136, 5-16.	3.7	1,242
2	Physics of Solar Prominences: Spectral Diagnostics and Non-LTE Modelling. <i>Space Science Reviews</i> , 2010, 151, 243-332.	3.7	322
3	THREE-DIMENSIONAL MORPHOLOGY OF A CORONAL PROMINENCE CAVITY. <i>Astrophysical Journal</i> , 2010, 724, 1133-1146.	1.6	94
4	OBSERVATIONS AND IMPLICATIONS OF LARGE-AMPLITUDE LONGITUDINAL OSCILLATIONS IN A SOLAR FILAMENT. <i>Astrophysical Journal</i> , 2014, 785, 79.	1.6	78
5	Neutral Hydrogen Column Depths in Prominences Using EUV Absorption Features. <i>Solar Physics</i> , 1998, 183, 107-121.	1.0	60
6	PROPAGATING WAVES TRANSVERSE TO THE MAGNETIC FIELD IN A SOLAR PROMINENCE. <i>Astrophysical Journal</i> , 2013, 777, 108.	1.6	58
7	THERMAL PROPERTIES OF A SOLAR CORONAL CAVITY OBSERVED WITH THE X-RAY TELESCOPE ON <i>Hinode</i> . <i>Astrophysical Journal</i> , 2012, 746, 146.	1.6	48
8	Prominence Motions Observed at High Cadences in Temperatures from 10 ⁶ to 250 ⁶ K. <i>Solar Physics</i> , 2003, 212, 81-97.	1.0	36
9	Large-amplitude Longitudinal Oscillations Triggered by the Merging of Two Solar Filaments: Observations and Magnetic Field Analysis. <i>Astrophysical Journal</i> , 2017, 850, 143.	1.6	36
10	GONG Catalog of Solar Filament Oscillations Near Solar Maximum. <i>Astrophysical Journal, Supplement Series</i> , 2018, 236, 35.	3.0	36
11	Multifrequency observations of a remarkable solar radio burst. <i>Astrophysical Journal</i> , 1992, 384, 656.	1.6	36
12	Comparison of Prominences in H β and He II 304 Å... <i>Solar Physics</i> , 1998, 183, 91-96.	1.0	31
13	TEMPERATURE AND EXTREME-ULTRAVIOLET INTENSITY IN A CORONAL PROMINENCE CAVITY AND STREAMER. <i>Astrophysical Journal</i> , 2012, 757, 73.	1.6	30
14	VLA and Trieste observations of type I storms, type IV and pulsations. <i>Solar Physics</i> , 1992, 141, 165-180.	1.0	25
15	Filament Observations with Soho Sumer/cds: The Behaviour of Hydrogen Lyman Lines. <i>Solar Physics</i> , 1998, 181, 309-326.	1.0	21
16	COMPARING SPATIAL DISTRIBUTIONS OF SOLAR PROMINENCE MASS DERIVED FROM CORONAL ABSORPTION. <i>Astrophysical Journal</i> , 2011, 727, 25.	1.6	18
17	NONLINEAR MHD WAVES IN A PROMINENCE FOOT. <i>Astrophysical Journal</i> , 2015, 813, 124.	1.6	12
18	Spectroscopic Constraints on the Cross-sectional Asymmetry and Expansion of Active Region Loops. <i>Astrophysical Journal</i> , 2019, 885, 7.	1.6	11

#	ARTICLE	IF	CITATIONS
19	Motions in Prominence Barbs Observed on the Solar Limb. <i>Astrophysical Journal</i> , 2018, 859, 121.	1.6	8
20	Using SDO/AIA to Understand the Thermal Evolution of Solar Prominence Formation. <i>Astrophysical Journal</i> , 2020, 905, 15.	1.6	3
21	Fast Magnetosonic Waves and Flows in a Solar Prominence Foot: Observations and Modeling. <i>Astrophysical Journal</i> , 2020, 899, 99.	1.6	2