Susan Lepri

List of Publications by Year
in descending order

Version: 2024-02-01

27 papers	781 citations	759233 12 h-index	552781 26 g-index
27 all docs	27 docs citations	27 times ranked	811 citing authors

#	Article	IF	Citations
1	Constraining the CME Core Heating and Energy Budget with SOHO/UVCS. Astrophysical Journal, 2022, 927, 27.	4.5	7
2	Periodic Solar Wind Structures Observed in Measurements of Elemental and Ionic Composition in situ at L1. Astrophysical Journal, 2022, 933, 198.	4.5	6
3	Elemental Abundances of Prominence Material inside ICMEs. Astrophysical Journal, 2021, 912, 51.	4.5	14
4	Composition of Coronal Hole Boundary Layers at Low Heliographic Latitudes. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029187.	2.4	0
5	Solar Origin of Bare Ion Anomalies in the Solar Wind and Interplanetary Coronal Mass Ejections. Astrophysical Journal, 2021, 921, 93.	4.5	10
6	Objectively Determining States of the Solar Wind Using Machine Learning. Astrophysical Journal, 2020, 889, 153.	4.5	12
7	On the Production of He⁺ of Solar Origin in the Solar Wind. Astrophysical Journal, 2020, 899, 11.	4.5	9
8	Identifying Spectral Lines to Study Coronal Mass Ejection Evolution in the Lower Corona. Astrophysical Journal, Supplement Series, 2019, 243, 34.	7.7	10
9	Empirical Modeling of CME Evolution Constrained to ACE/SWICS Charge State Distributions. Astrophysical Journal, 2019, 874, 164.	4.5	25
10	Boundary of the Slow Solar Wind. Astrophysical Journal, 2018, 864, 139.	4.5	21
11	Tracking Filament Evolution in the Low Solar Corona Using Remote Sensing and In Situ Observations. Astrophysical Journal, 2018, 860, 51.	4.5	6
12	Detecting negative ions on board small satellites. Journal of Geophysical Research: Space Physics, 2017, 122, 3961-3971.	2.4	3
13	On the Relation between the In Situ Properties and the Coronal Sources of the Solar Wind. Astrophysical Journal, 2017, 846, 135.	4.5	37
14	Anomalously low C6+/C5+ ratio in solar wind: ACE/SWICS observation. AIP Conference Proceedings, 2016, , .	0.4	3
15	IN SITU PLASMA MEASUREMENTS OF FRAGMENTED COMET 73P SCHWASSMANNâ€“WACHMANN 3. Astrophysical Journal, 2015, 815, 12.	4.5	9
16	PHOTOIONIZATION IN THE SOLAR WIND. Astrophysical Journal Letters, 2015, 812, L28.	8.3	14
17	Coronal electron temperature in the protracted solar minimum, the cycle 24 mini maximum, and over centuries. Journal of Geophysical Research: Space Physics, 2014, 119, 1486-1492.	2.4	19
18	THE EVOLUTION OF 1 AU EQUATORIAL SOLAR WIND AND ITS ASSOCIATION WITH THE MORPHOLOGY OF THE HELIOSPHERIC CURRENT SHEET FROM SOLAR CYCLES 23 TO 24. Astrophysical Journal, 2014, 793, 44.	4.5	29

#	Article	IF	Citations
19	Chandra ACIS-S imaging spectroscopy of anomalously faint X-ray emission from Comet 103P/Hartley 2 during the EPOXI encounter. Icarus, 2013, 222, 752-765.	2.5	10
20	SOLAR WIND HEAVY IONS OVER SOLAR CYCLE 23:ACE/SWICS MEASUREMENTS. Astrophysical Journal, 2013, 768, 94.	4.5	78
21	The in-situ manifestation of solar prominence material. Proceedings of the International Astronomical Union, 2013, 8, 289-296.	0.0	1
22	EVOLUTION OF THE RELATIONSHIPS BETWEEN HELIUM ABUNDANCE, MINOR ION CHARGE STATE, AND SOLAR WIND SPEED OVER THE SOLAR CYCLE. Astrophysical Journal, 2012, 745, 162.	4.5	96
23	CARBON IONIZATION STAGES AS A DIAGNOSTIC OF THE SOLAR WIND. Astrophysical Journal, 2012, 744, 100.	4.5	66
24	DIRECT OBSERVATIONAL EVIDENCE OF FILAMENT MATERIAL WITHIN INTERPLANETARY CORONAL MASS EJECTIONS. Astrophysical Journal Letters, 2010, 723, L22-L27.	8.3	84
25	On the Analysis of the Complex Forbush Decreases ofÂJanuaryÂ2005. Solar Physics, 2010, 266, 181-193.	2.5	35
26	Correction to â€œIron charge state distributions as an indicator of hot ICMEs: Possible sources and temporal and spatial variations during solar maximumâ€• Journal of Geophysical Research, 2004, 109, .	3.3	8
27	Iron charge distribution as an identifier of interplanetary coronal mass ejections. Journal of Geophysical Research, 2001, 106, 29231-29238.	3.3	169