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	Iron charge distribution as an identifier of interplanetary coronal mass ejections. Journal of Geophysical Research, 2001, 106, 29231-29238.	3.3	169
2	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
3	DIRECT OBSERVATIONAL EVIDENCE OF FILAMENT MATERIAL WITHIN INTERPLANETARY CORONAL MASS EJECTIONS. Astrophysical Journal Letters, 2010, 723, L22-L27.	8.3	84
4	SOLAR WIND HEAVY IONS OVER SOLAR CYCLE 23:ACE/SWICS MEASUREMENTS. Astrophysical Journal, 2013, 768, 94.	4.5	78
5	CARBON IONIZATION STAGES AS A DIAGNOSTIC OF THE SOLAR WIND. Astrophysical Journal, 2012, 744, 100.	4.5	66
6	On the Relation between the In Situ Properties and the Coronal Sources of the Solar Wind. Astrophysical Journal, 2017, 846, 135.	4.5	37
7	On the Analysis of the Complex Forbush Decreases ofÂJanuaryÂ2005. Solar Physics, 2010, 266, 181-193.	2.5	35
8	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
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	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
12	PHOTOIONIZATION IN THE SOLAR WIND. Astrophysical Journal Letters, 2015, 812, L28.	8.3	14
13	Elemental Abundances of Prominence Material inside ICMEs. Astrophysical Journal, 2021, 912, 51.	4.5	14
14	Objectively Determining States of the Solar Wind Using Machine Learning. Astrophysical Journal, 2020, 889, 153.	4.5	12
15	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
16	Identifying Spectral Lines to Study Coronal Mass Ejection Evolution in the Lower Corona. Astrophysical Journal, Supplement Series, 2019, 243, 34.	7.7	10
17	Solar Origin of Bare Ion Anomalies in the Solar Wind and Interplanetary Coronal Mass Ejections. Astrophysical Journal, 2021, 921, 93.	4.5	10
18	IN SITU PLASMA MEASUREMENTS OF FRAGMENTED COMET 73P SCHWASSMANNâ€“WACHMANN 3. Astrophysical Journal, 2015, 815, 12.	4.5	9

#	Article	IF	Citations
19	On the Production of He⁺ of Solar Origin in the Solar Wind. Astrophysical Journal, 2020, 899, 11.	4.5	9
20	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
21	Constraining the CME Core Heating and Energy Budget with SOHO/UVCS. Astrophysical Journal, 2022, 927, 27.	4.5	7
22	Tracking Filament Evolution in the Low Solar Corona Using Remote Sensing and In Situ Observations. Astrophysical Journal, 2018, 860, 51.	4.5	6
23	Periodic Solar Wind Structures Observed in Measurements of Elemental and Ionic Composition in situ at L1. Astrophysical Journal, 2022, 933, 198.	4.5	6
24	Anomalously low C6+/C5+ ratio in solar wind: ACE/SWICS observation. AIP Conference Proceedings, 2016, , .	0.4	3
25	Detecting negative ions on board small satellites. Journal of Geophysical Research: Space Physics, 2017, 122, 3961-3971.	2.4	3
26	The in-situ manifestation of solar prominence material. Proceedings of the International Astronomical Union, 2013, 8, 289-296.	0.0	1
27	Composition of Coronal Hole Boundary Layers at Low Heliographic Latitudes. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029187.	2.4	0