

Raffaella D'Amicis

List of Publications by Year in descending order

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43
papers

865
citations

430874

18
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501196

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47
all docs

47
docs citations

47
times ranked

756
citing authors

#	ARTICLE	IF	CITATIONS
1	Swarm Langmuir probes' data quality validation and future improvements. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , 2022, 11, 149-162.	1.6	11
2	Investigating Alfvénic Turbulence in Fast and Slow Solar Wind Streams. <i>Universe</i> , 2022, 8, 352.	2.5	0
3	On Alfvénic Slow Wind: A Journey From the Earth Back to the Sun. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028996.	2.4	21
4	Evolution of Solar Wind Turbulence from 0.1 to 1 au during the First Parker Solar Probe's Solar Orbiter Radial Alignment. <i>Astrophysical Journal Letters</i> , 2021, 912, L21.	8.3	49
5	Statistical study of electron density turbulence and ion-cyclotron waves in the inner heliosphere: Solar Orbiter observations. <i>Astronomy and Astrophysics</i> , 2021, 656, A16.	5.1	5
6	Alfvénicity-related Long Recovery Phases of Geomagnetic Storms: A Space Weather Perspective. <i>Astrophysical Journal</i> , 2021, 916, 64.	4.5	10
7	Magnetic reconnection as a mechanism to produce multiple thermal proton populations and beams locally in the solar wind. <i>Astronomy and Astrophysics</i> , 2021, 656, A37.	5.1	12
8	Wave-polarization Analysis of the Alfvénic Slow Solar Wind at Kinetic Scales. <i>Astrophysical Journal</i> , 2020, 897, 167.	4.5	8
9	The Effect of Solar-Wind Turbulence on Magnetospheric Activity. <i>Frontiers in Physics</i> , 2020, 8, .	2.1	17
10	The origin of slow Alfvénic solar wind at solar minimum. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 39-44.	4.4	30
11	Large Amplitude Fluctuations in the Alfvénic Solar Wind. <i>Solar Physics</i> , 2020, 295, 1.	2.5	13
12	Highly Alfvénic slow solar wind at 0.3 au during a solar minimum: Helios insights for Parker Solar Probe and Solar Orbiter. <i>Astronomy and Astrophysics</i> , 2020, 633, A166.	5.1	23
13	Coherent Events at Ion Scales in the Inner Heliosphere: Parker Solar Probe Observations during the First Encounter. <i>Astrophysical Journal</i> , 2020, 905, 142.	4.5	23
14	Exploring Solar Wind Origins and Connecting Plasma Flows from the Parker Solar Probe to 1 au: Nonspherical Source Surface and Alfvénic Fluctuations. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 54.	7.7	46
15	Detection Capability of Flux Ropes during the Solar Orbiter Mission. <i>Astrophysical Journal Letters</i> , 2020, 899, L25.	8.3	1
16	Magnetohydrodynamic Turbulent Evolution of a Magnetic Cloud in the Outer Heliosphere. <i>Astrophysical Journal Letters</i> , 2020, 905, L12.	8.3	10
17	The low-frequency break observed in the slow solar wind magnetic spectra. <i>Astronomy and Astrophysics</i> , 2019, 627, A96.	5.1	34
18	Investigating the nature of the link between magnetic field orientation and proton temperature in the solar wind. <i>Astronomy and Astrophysics</i> , 2019, 632, A92.	5.1	6

#	ARTICLE	IF	CITATIONS
19	Characterizing the Alfvénic slow wind: A case study. AIP Conference Proceedings, 2016, , .	0.4	6
20	ON THE ORIGIN OF HIGHLY ALFVÉNIC SLOW SOLAR WIND. Astrophysical Journal, 2015, 805, 84.	4.5	91
21	RADIAL EVOLUTION OF THE INTERMITTENCY OF DENSITY FLUCTUATIONS IN THE FAST SOLAR WIND. Astrophysical Journal, 2014, 786, 53.	4.5	31
22	Observations of IMF coherent structures and their relationship to SEP dropout events. Annales Geophysicae, 2013, 31, 1333-1341.	1.6	25
23	SOLAR ENERGETIC PARTICLE MODULATIONS ASSOCIATED WITH COHERENT MAGNETIC STRUCTURES. Astrophysical Journal, 2013, 770, 11.	4.5	42
24	ON THE OCCURRENCE OF THE THIRD-ORDER SCALING IN HIGH LATITUDE SOLAR WIND. Astrophysical Journal, 2012, 750, 41.	4.5	57
25	EVIDENCE FOR NONLINEAR DEVELOPMENT OF MAGNETOHYDRODYNAMIC SCALE INTERMITTENCY IN THE INNER HELIOSPHERE. Astrophysical Journal, 2012, 749, 105.	4.5	30
26	Multi Element Telescope for Imaging and Spectroscopy (METIS) coronagraph for the Solar Orbiter mission. Proceedings of SPIE, 2012, , .	0.8	26
27	CONDITIONED ANALYSIS OF HIGH-LATITUDE SOLAR WIND INTERMITTENCY. Astrophysical Journal, 2012, 755, 63.	4.5	4
28	WAVELET ANALYSIS AS A TOOL TO LOCALIZE MAGNETIC AND CROSS-HELICITY EVENTS IN THE SOLAR WIND. Astrophysical Journal, 2012, 751, 19.	4.5	38
29	Response of the geomagnetic activity to solar wind turbulence during solar cycle 23. Journal of Atmospheric and Solar-Terrestrial Physics, 2011, 73, 653-657.	1.6	31
30	RADIAL EVOLUTION OF SOLAR WIND TURBULENCE DURING EARTH AND ULYSSES ALIGNMENT OF 2007 AUGUST. Astrophysical Journal, 2010, 717, 474-480.	4.5	21
31	Geomagnetic activity driven by solar wind turbulence. Advances in Space Research, 2010, 46, 514-520.	2.6	20
32	SOHO UVCS Detection of Turbulence in a Coronal Mass Ejection. , 2010, , .		0
33	STATISTICS OF DENSITY FLUCTUATIONS DURING THE TRANSITION FROM THE OUTER SOLAR CORONA TO THE INTERPLANETARY SPACE. Astrophysical Journal, 2009, 706, 238-243.	4.5	17
34	PERSISTENT AND SELF-SIMILAR LARGE-SCALE DENSITY FLUCTUATIONS IN THE SOLAR CORONA. Astrophysical Journal, 2009, 693, 1022-1028.	4.5	15
35	Velocity fluctuations in polar solar wind: a comparison between different solar cycles. Annales Geophysicae, 2009, 27, 877-883.	1.6	2
36	Alfvénic turbulence in high speed solar wind streams as a driver for auroral activity. Journal of Atmospheric and Solar-Terrestrial Physics, 2009, 71, 1014-1022.	1.6	10

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37	Coordinated Study on Solar Wind Turbulence During the Venus-Express, ACE and Ulysses Alignment of August 2007. <i>Earth, Moon and Planets</i> , 2009, 104, 101-104.	0.6	23
38	Statistical analysis of the observations of the MEX/ASPERA-3 NPI in the shadow. <i>Planetary and Space Science</i> , 2009, 57, 1000-1007.	1.7	7
39	ENA detection in the dayside of Mars: ASPERA-3 NPD statistical study. <i>Planetary and Space Science</i> , 2008, 56, 840-845.	1.7	18
40	Recent insights in solar wind MHD turbulence. <i>AIP Conference Proceedings</i> , 2008, , .	0.4	0
41	Observations of turbulence and anomalous scaling in the solar wind. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	2
42	Scaling laws and coherent structures in the solar wind. <i>Planetary and Space Science</i> , 2007, 55, 2233-2238.	1.7	11
43	On the Radial Evolution of Alfvénic Turbulence in the Solar Wind. <i>Space Science Reviews</i> , 2006, 122, 321-328.	8.1	18