

# Raffaella D'Amicis

## List of Publications by Year in descending order

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43  
papers

865  
citations

430874

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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	ON THE ORIGIN OF HIGHLY ALFVÉNIC SLOW SOLAR WIND. <i>Astrophysical Journal</i> , 2015, 805, 84.	4.5	91
2	ON THE OCCURRENCE OF THE THIRD-ORDER SCALING IN HIGH LATITUDE SOLAR WIND. <i>Astrophysical Journal</i> , 2012, 750, 41.	4.5	57
3	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
4	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
5	SOLAR ENERGETIC PARTICLE MODULATIONS ASSOCIATED WITH COHERENT MAGNETIC STRUCTURES. <i>Astrophysical Journal</i> , 2013, 770, 11.	4.5	42
6	WAVELET ANALYSIS AS A TOOL TO LOCALIZE MAGNETIC AND CROSS-HELICITY EVENTS IN THE SOLAR WIND. <i>Astrophysical Journal</i> , 2012, 751, 19.	4.5	38
7	The low-frequency break observed in the slow solar wind magnetic spectra. <i>Astronomy and Astrophysics</i> , 2019, 627, A96.	5.1	34
8	Response of the geomagnetic activity to solar wind turbulence during solar cycle 23. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2011, 73, 653-657.	1.6	31
9	RADIAL EVOLUTION OF THE INTERMITTENCY OF DENSITY FLUCTUATIONS IN THE FAST SOLAR WIND. <i>Astrophysical Journal</i> , 2014, 786, 53.	4.5	31
10	EVIDENCE FOR NONLINEAR DEVELOPMENT OF MAGNETOHYDRODYNAMIC SCALE INTERMITTENCY IN THE INNER HELIOSPHERE. <i>Astrophysical Journal</i> , 2012, 749, 105.	4.5	30
11	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
12	Multi Element Telescope for Imaging and Spectroscopy (METIS) coronagraph for the Solar Orbiter mission. <i>Proceedings of SPIE</i> , 2012, , .	0.8	26
13	Observations of IMF coherent structures and their relationship to SEP dropout events. <i>Annales Geophysicae</i> , 2013, 31, 1333-1341.	1.6	25
14	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
15	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
16	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
17	RADIAL EVOLUTION OF SOLAR WIND TURBULENCE DURING EARTH AND ULYSSES ALIGNMENT OF 2007 AUGUST. <i>Astrophysical Journal</i> , 2010, 717, 474-480.	4.5	21
18	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

#	ARTICLE	IF	CITATIONS
19	Geomagnetic activity driven by solar wind turbulence. <i>Advances in Space Research</i> , 2010, 46, 514-520.	2.6	20
20	On the Radial Evolution of Alfvénic Turbulence in the Solar Wind. <i>Space Science Reviews</i> , 2006, 122, 321-328.	8.1	18
21	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
22	STATISTICS OF DENSITY FLUCTUATIONS DURING THE TRANSITION FROM THE OUTER SOLAR CORONA TO THE INTERPLANETARY SPACE. <i>Astrophysical Journal</i> , 2009, 706, 238-243.	4.5	17
23	The Effect of Solar-Wind Turbulence on Magnetospheric Activity. <i>Frontiers in Physics</i> , 2020, 8, .	2.1	17
24	PERSISTENT AND SELF-SIMILAR LARGE-SCALE DENSITY FLUCTUATIONS IN THE SOLAR CORONA. <i>Astrophysical Journal</i> , 2009, 693, 1022-1028.	4.5	15
25	Large Amplitude Fluctuations in the Alfvénic Solar Wind. <i>Solar Physics</i> , 2020, 295, 1.	2.5	13
26	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
27	Scaling laws and coherent structures in the solar wind. <i>Planetary and Space Science</i> , 2007, 55, 2233-2238.	1.7	11
28	Swarm Langmuir probes' data quality validation and future improvements. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , 2022, 11, 149-162.	1.6	11
29	Alfvénic turbulence in high speed solar wind streams as a driver for auroral activity. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2009, 71, 1014-1022.	1.6	10
30	Alfvénicity-related Long Recovery Phases of Geomagnetic Storms: A Space Weather Perspective. <i>Astrophysical Journal</i> , 2021, 916, 64.	4.5	10
31	Magnetohydrodynamic Turbulent Evolution of a Magnetic Cloud in the Outer Heliosphere. <i>Astrophysical Journal Letters</i> , 2020, 905, L12.	8.3	10
32	Wave-polarization Analysis of the Alfvénic Slow Solar Wind at Kinetic Scales. <i>Astrophysical Journal</i> , 2020, 897, 167.	4.5	8
33	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
34	Characterizing the Alfvénic slow wind: A case study. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	6
35	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
36	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

#	ARTICLE	IF	CITATIONS
37	CONDITIONED ANALYSIS OF HIGH-LATITUDE SOLAR WIND INTERMITTENCY. <i>Astrophysical Journal</i> , 2012, 755, 63.	4.5	4
38	Observations of turbulence and anomalous scaling in the solar wind. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	2
39	Velocity fluctuations in polar solar wind: a comparison between different solar cycles. <i>Annales Geophysicae</i> , 2009, 27, 877-883.	1.6	2
40	Detection Capability of Flux Ropes during the Solar Orbiter Mission. <i>Astrophysical Journal Letters</i> , 2020, 899, L25.	8.3	1
41	Recent insights in solar wind MHD turbulence. <i>AIP Conference Proceedings</i> , 2008, , .	0.4	0
42	SOHO's UVCS Detection of Turbulence in a Coronal Mass Ejection. , 2010, , .		0
43	Investigating Alfvénic Turbulence in Fast and Slow Solar Wind Streams. <i>Universe</i> , 2022, 8, 352.	2.5	0