

Carine Briand

List of Publications by Year in descending order

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39
papers

879
citations

686830

13
h-index

454577

30
g-index

43
all docs

43
docs citations

43
times ranked

825
citing authors

#	ARTICLE	IF	CITATIONS
1	S/WAVES: The Radio and Plasma Wave Investigation on the STEREO Mission. Space Science Reviews, 2008, 136, 487-528.	3.7	313
2	The modern radio astronomy network in Ukraine: UTR-2, URAN and GURT. Experimental Astronomy, 2016, 42, 11-48.	1.6	113
3	Eigenmode Structure in Solar-Wind Langmuir Waves. Physical Review Letters, 2008, 101, 051101.	2.9	84
4	Evidence for wave coupling in type III emissions. Journal of Geophysical Research, 2009, 114, .	3.3	57
5	Electromagnetic Simulations of Solar Radio Emissions. Journal of Geophysical Research: Space Physics, 2019, 124, 1475-1490.	0.8	32
6	Observations of Langmuir ponderomotive effects using the Solar TERrestrial RELations Observatory spacecraft as a density probe. Physics of Plasmas, 2011, 18, 082308.	0.7	25
7	Vlasov-Poisson simulations of electrostatic parametric instability for localized Langmuir wave packets in the solar wind. Journal of Geophysical Research, 2010, 115, .	3.3	20
8	Langmuir waves across the heliosphere. Journal of Plasma Physics, 2015, 81, .	0.7	19
9	Low-energy Langmuir cavitons: Asymptotic limit of weak turbulence. Europhysics Letters, 2011, 96, 55004.	0.7	18
10	Plasma waves above the ion cyclotron frequency in the solar wind: a review on observations. Nonlinear Processes in Geophysics, 2009, 16, 319-329.	0.6	18
11	Waves at the electron plasma frequency associated with solar wind magnetic holes: STEREO/Cluster observations. Journal of Geophysical Research, 2010, 115, .	3.3	15
12	Faint solar radio structures from decametric observations. Astronomy and Astrophysics, 2008, 490, 339-344.	2.1	15
13	The Storm of Decameter Spikes During the Event of 14 June 2012. Solar Physics, 2016, 291, 211-228.	1.0	14
14	THE NONLINEAR AND NONLOCAL LINK BETWEEN MACROSCOPIC ALFVÉNIC AND MICROSCOPIC ELECTROSTATIC SCALES IN THE SOLAR WIND. Astrophysical Journal Letters, 2014, 788, L16.	3.0	12
15	Synchronized observations by using the STEREO and the largest ground-based decametre radio telescope. Experimental Astronomy, 2013, 36, 137-154.	1.6	11
16	Decameter Type III Bursts with Changing Frequency Drift-Rate Signs. Solar Physics, 2015, 290, 193-203.	1.0	11
17	Coherent electric structures: Vlasov-Poisson simulations and observational consequences. Journal of Geophysical Research, 2008, 113, .	3.3	10
18	Electrostatic coherent structures: The role of the ions dynamics. Physics of Plasmas, 2007, 14, 052306.	0.7	9

#	ARTICLE	IF	CITATIONS
19	Electrostatic coherent structures generation by local heating in a collisionless plasma. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2007, 368, 82-86.	0.9	9
20	Alfvénic: magnetosphere-ionosphere connection explorers. <i>Experimental Astronomy</i> , 2012, 33, 445-489.	1.6	9
21	Observations of Shock Propagation through Turbulent Plasma in the Solar Corona. <i>Astrophysical Journal</i> , 2021, 921, 3.	1.6	9
22	Inhibition of type III radio emissions due to the interaction between two electron beams: Observations and simulations. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 2365-2378.	0.8	8
23	STEREO database of interplanetary Langmuir electric waveforms. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 1062-1070.	0.8	7
24	Mercury Transit for Stray Light Evaluation: IPM-THEMIS Case. <i>Solar Physics</i> , 2006, 234, 187-201.	1.0	6
25	Temporal Evolution of the Solar-Wind Electron Core Density at Solar Minimum by Correlating SWEA Measurements from STEREO A and B. <i>Solar Physics</i> , 2010, 266, 369-377.	1.0	5
26	Electrostatic fluctuations in the solar wind: An evidence of the link between Alfvénic and electrostatic scales. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 7012-7024.	0.8	5
27	Beam-plasma instability and density holes: Langmuir wave-packet formation and particle acceleration. <i>Physics of Plasmas</i> , 2017, 24, 072103.	0.7	5
28	Laser-Plasma Interaction Experiment for Solar Burst Studies. <i>Physical Review Letters</i> , 2020, 124, 135001.	2.9	4
29	The MG i lambda 285.21 Nanometer Line: an Example of Non-LTE Line Formation. <i>Astrophysical Journal</i> , 1995, 447, 453.	1.6	4
30	Numerical study of Langmuir wave coalescence in laser-plasma interaction. <i>Physics of Plasmas</i> , 2021, 28, .	0.7	3
31	Role of hard X-ray emission in ionospheric D-layer disturbances during solar flares. <i>Earth, Planets and Space</i> , 2022, 74, .	0.9	3
32	Cancellation analysis of current density in solar active region NOAA10019. <i>Journal of Space Weather and Space Climate</i> , 2015, 5, A28.	1.1	2
33	Pointing and tracking analysis of alt-azimuthal multi-focus telescopes: the THEMIS case. <i>Astronomische Nachrichten</i> , 2003, 324, 309-312.	0.6	1
34	The Detection of Photospheric Impacts from Chromospheric Impulsive Events. <i>Astrophysical Journal</i> , 2003, 589, L109-L112.	1.6	1
35	Preface to the Proceedings of the European General Assembly on IHY 2007. <i>Earth, Moon and Planets</i> , 2009, 104, 1-2.	0.3	1
36	Solar EUV-enhancement and thermospheric disturbances. <i>Space Weather</i> , 2021, 19, e2021SW002840.	1.3	1

#	ARTICLE	IF	CITATIONS
37	COMMISSION 49: INTERPLANETARY PLASMA AND HELIOSPHERE. Proceedings of the International Astronomical Union, 2011, 7, 95-124.	0.0	0
38	DIVISION II: COMMISSION 49: INTERPLANETARY PLASMA AND THE HELIOSPHERE. Proceedings of the International Astronomical Union, 2013, 10, 112-114.	0.0	0
39	DIVISION E COMMISSION 49: INTERPLANETARY PLASMA AND HELIOSPHERE. Proceedings of the International Astronomical Union, 2015, 11, 300-315.	0.0	0