Carine Briand

List of Publications by Year
in descending order

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39	879	686830	454577
papers	citations	13 h-index	30 g-index

43	43	43	825
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Role of hard X-ray emission in ionospheric D-layer disturbances during solar flares. Earth, Planets and Space, 2022, 74, .	0.9	3
2	Numerical study of Langmuir wave coalescence in laser-plasma interaction. Physics of Plasmas, 2021, 28, .	0.7	3
3	Observations of Shock Propagation through Turbulent Plasma in the Solar Corona. Astrophysical Journal, 2021, 921, 3.	1.6	9
4	Solar EUVâ€enhancement and thermospheric disturbances. Space Weather, 2021, 19, e2021SW002840.	1.3	1
5	Laser-Plasma Interaction Experiment for Solar Burst Studies. Physical Review Letters, 2020, 124, 135001.	2.9	4
6	Electromagnetic Simulations of Solar Radio Emissions. Journal of Geophysical Research: Space Physics, 2019, 124, 1475-1490.	0.8	32
7	Beam-plasma instability and density holes: Langmuir wave-packet formation and particle acceleration. Physics of Plasmas, 2017, 24, 072103.	0.7	5
8	STEREO database of interplanetary Langmuir electric waveforms. Journal of Geophysical Research: Space Physics, 2016, 121, 1062-1070.	0.8	7
9	The modern radio astronomy network in Ukraine: UTR-2, URAN and GURT. Experimental Astronomy, 2016, 42, 11-48.	1.6	113
10	The Storm of Decameter Spikes During the Event of 14 June 2012. Solar Physics, 2016, 291, 211-228.	1.0	14
11	DIVISION E COMMISSION 49: INTERPLANETARY PLASMA AND HELIOSPHERE. Proceedings of the International Astronomical Union, 2015, 11, 300-315.	0.0	0
12	Cancellation analysis of current density in solar active region NOAA10019. Journal of Space Weather and Space Climate, 2015, 5, A28.	1.1	2
13	Langmuir waves across the heliosphere. Journal of Plasma Physics, 2015, 81, .	0.7	19
14	Decameter Type III Bursts with Changing Frequency Drift-Rate Signs. Solar Physics, 2015, 290, 193-203.	1.0	11
15	Inhibition of type III radio emissions due to the interaction between two electron beams: Observations and simulations. Journal of Geophysical Research: Space Physics, 2014, 119, 2365-2378.	0.8	8
16	Electrostatic fluctuations in the solar wind: An evidence of the link between AlfvÃ©nic and electrostatic scales. Journal of Geophysical Research: Space Physics, 2014, 119, 7012-7024.	0.8	5
17	THE NONLINEAR AND NONLOCAL LINK BETWEEN MACROSCOPIC ALFVÃ‰NIC AND MICROSCOPIC ELECTROSTATIC SCALES IN THE SOLAR WIND. Astrophysical Journal Letters, 2014, 788, L16.	3.0	12
18	Synchronized observations by using the STEREO and the largest ground-based decametre radio telescope. Experimental Astronomy, 2013, 36, 137-154.	1.6	11

#	Article	IF	Citations
19	DIVISION II: COMMISSION 49: INTERPLANETARY PLASMA AND THE HELIOSPHERE. Proceedings of the International Astronomical Union, 2013, 10, 112-114.	0.0	0
20	AlfvÃ©n: magnetosphereâ€"ionosphere connection explorers. Experimental Astronomy, 2012, 33, 445-489.	1.6	9
21	COMMISSION 49: INTERPLANETARY PLASMA AND HELIOSPHERE. Proceedings of the International Astronomical Union, 2011, 7, 95-124.	0.0	0
22	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
23	Low-energy Langmuir cavitons: Asymptotic limit of weak turbulence. Europhysics Letters, 2011, 96, 55004.	0.7	18
24	Temporal Evolution of the Solar-Wind Electron Core Density at Solar Minimum by Correlating SWEA Measurements from STEREO A and B. Solar Physics, 2010, 266, 369-377.	1.0	5
25	Vlasovâ€Poisson simulations of electrostatic parametric instability for localized Langmuir wave packets in the solar wind. Journal of Geophysical Research, 2010, 115, .	3.3	20
26	Waves at the electron plasma frequency associated with solar wind magnetic holes: STEREO/Cluster observations. Journal of Geophysical Research, 2010, 115, .	3.3	15
27	Preface to the Proceedings of the European General Assembly on IHY 2007. Earth, Moon and Planets, 2009, 104, 1-2.	0.3	1
28	Evidence for wave coupling in type III emissions. Journal of Geophysical Research, 2009, 114, .	3.3	57
29	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
30	S/WAVES: The Radio and Plasma Wave Investigation onÂtheÂSTEREO Mission. Space Science Reviews, 2008, 136, 487-528.	3.7	313
31	Coherent electric structures: Vlasovâ€AmpÃ¨re simulations and observational consequences. Journal of Geophysical Research, 2008, 113, .	3.3	10
32	Eigenmode Structure in Solar-Wind Langmuir Waves. Physical Review Letters, 2008, 101, 051101.	2.9	84
33	Faint solar radio structures from decametric observations. Astronomy and Astrophysics, 2008, 490, 339-344.	2.1	15
34	Electrostatic coherent structures: The role of the ions dynamics. Physics of Plasmas, 2007, 14, 052306.	0.7	9
35	Electrostatic coherent structures generation by local heating in a collisionless plasma. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 368, 82-86.	0.9	9
36	Mercury Transit for Stray Light Evaluation: IPM-THEMIS Case. Solar Physics, 2006, 234, 187-201.	1.0	6

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37	Pointing and tracking analysis of alt-azimuthal multi-focus telescopes: the THEMIS case. Astronomische Nachrichten, 2003, 324, 309-312.	0.6	1
38	The Detection of Photospheric Impacts from Chromospheric Impulsive Events. Astrophysical Journal, 2003, 589, L109-L112.	1.6	1
39	The MG i lambda 285.21 Nanometer Line: an Example of Non-LTE Line Formation. Astrophysical Journal, 1995, 447, 453.	1.6	4