

# Dominique Fontaine

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

317  
citations

933264

10  
h-index

839398

18  
g-index

32  
all docs

32  
docs citations

32  
times ranked

463  
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic field and dynamic pressure ULF fluctuations in coronal-mass-ejection-driven sheath regions. <i>Annales Geophysicae</i> , 2013, 31, 1559-1567.	0.6	43
2	Properties of Jupiter's magnetospheric turbulence observed by the Galileo spacecraft. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 2477-2493.	0.8	35
3	Solar Wind Properties and Geospace Impact of Coronal Mass Ejection-Driven Sheath Regions: Variation and Driver Dependence. <i>Space Weather</i> , 2019, 17, 1257-1280.	1.3	35
4	The Double Star Plasma Electron and Current Experiment. <i>Annales Geophysicae</i> , 2005, 23, 2733-2756.	0.6	33
5	Magnetic field fluctuation properties of coronal mass ejection-driven sheath regions in the near-Earth solar wind. <i>Annales Geophysicae</i> , 2020, 38, 999-1017.	0.6	21
6	3D hybrid simulations of the interaction of a magnetic cloud with a bow shock. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 6133-6151.	0.8	20
7	A Study of Fluctuations in Magnetic Cloud-Driven Sheaths. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 8208-8226.	0.8	19
8	Statistical Analysis of Magnetic Field Fluctuations in Coronal Mass Ejection-Driven Sheath Regions. <i>Frontiers in Astronomy and Space Sciences</i> , 2021, 7, .	1.1	17
9	Cone angle control of the interaction of magnetic clouds with the Earth's bow shock. <i>Geophysical Research Letters</i> , 2016, 43, 4781-4789.	1.5	12
10	Statistical study of the alteration of the magnetic structure of magnetic clouds in the Earth's magnetosheath. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 2956-2972.	0.8	11
11	Massive Multi-Mission Statistical Study and Analytical Modeling of the Earth's Magnetopause: 2. Shape and Location. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	11
12	A model of the magnetosheath magnetic field during magnetic clouds. <i>Annales Geophysicae</i> , 2014, 32, 157-173.	0.6	10
13	Magnetic clouds' structure in the magnetosheath as observed by Cluster and Geotail: four case studies. <i>Annales Geophysicae</i> , 2014, 32, 1247-1261.	0.6	10
14	Massive Multi-Mission Statistical Study and Analytical Modeling of the Earth's Magnetopause: 1. A Gradient Boosting Based Automatic Detection of Near-Earth Regions. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	8
15	A comparison of bow shock models with Cluster observations during low Alfvén Mach number magnetic clouds. <i>Annales Geophysicae</i> , 2013, 31, 1011-1019.	0.6	7
16	Cross-Scale Quantification of Storm-Time Dayside Magnetospheric Magnetic Flux Content. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028027.	0.8	7
17	Massive Multi-Mission Statistical Study and Analytical Modeling of the Earth's Magnetopause: 3. An Asymmetric Non Indented Magnetopause Analytical Model. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	6
18	Massive Multi-Mission Statistical Study and Analytical Modeling of the Earth's Magnetopause: 4. On the Near-Cusp Magnetopause Indentation. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	5