

Daniel Schmid

List of Publications by Year in descending order

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29
papers

576
citations

686830

13
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23
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40
docs citations

40
times ranked

631
citing authors

#	ARTICLE	IF	CITATIONS
1	A statistical and event study of magnetotail dipolarization fronts. <i>Annales Geophysicae</i> , 2011, 29, 1537-1547.	0.6	128
2	Energy limits of electron acceleration in the plasma sheet during substorms: A case study with the Magnetospheric Multiscale (MMS) mission. <i>Geophysical Research Letters</i> , 2016, 43, 7785-7794.	1.5	51
3	A comparative study of dipolarization fronts at MMS and Cluster. <i>Geophysical Research Letters</i> , 2016, 43, 6012-6019.	1.5	37
4	Mirror mode structures near Venus and Comet P/Halley. <i>Annales Geophysicae</i> , 2014, 32, 651-657.	0.6	33
5	Transient, small-scale field-aligned currents in the plasma sheet boundary layer during storm time substorms. <i>Geophysical Research Letters</i> , 2016, 43, 4841-4849.	1.5	30
6	Two states of magnetotail dipolarization fronts: A statistical study. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 1096-1108.	0.8	29
7	Mirror mode waves in Venus's magnetosheath: solar minimum vs. solar maximum. <i>Annales Geophysicae</i> , 2016, 34, 1099-1108.	0.6	29
8	Mirror mode structures ahead of dipolarization front near the neutral sheet observed by Cluster. <i>Geophysical Research Letters</i> , 2016, 43, 8853-8858.	1.5	28
9	Solar Wind Directional Change Triggering Flapping Motions of the Current Sheet: MMS Observations. <i>Geophysical Research Letters</i> , 2019, 46, 64-70.	1.5	25
10	A Statistical Study on the Properties of Dips Ahead of Dipolarization Fronts Observed by MMS. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 139-150.	0.8	20
11	High-latitude Pi2 pulsations associated with kink-like neutral sheet oscillations. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 2889-2899.	0.8	17
12	A comparison between VEGA 1, 2 and Giotto flybys of comet 1P/Halley: implications for Rosetta. <i>Annales Geophysicae</i> , 2014, 32, 1441-1453.	0.6	16
13	Statistical study of linear magnetic hole structures near Earth. <i>Annales Geophysicae</i> , 2021, 39, 239-253.	0.6	16
14	Roles of electrons and ions in formation of the current in mirror-mode structures in the terrestrial plasma sheet: Magnetospheric Multiscale observations. <i>Annales Geophysicae</i> , 2020, 38, 309-318.	0.6	15
15	Multi-scale observations of the magnetopause Kelvin-Helmholtz waves during southward IMF. <i>Physics of Plasmas</i> , 2022, 29, .	0.7	12
16	Dipolarization Fronts: Tangential Discontinuities? On the Spatial Range of Validity of the MHD Jump Conditions. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 9963-9975.	0.8	10
17	Solar Orbiter's first Venus flyby: MAG observations of structures and waves associated with the induced Venusian magnetosphere. <i>Astronomy and Astrophysics</i> , 0, , .	2.1	10
18	Carriers of the Field-Aligned Currents in the Plasma Sheet Boundary Layer: An MMS Multicase Study. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 2873-2886.	0.8	9

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19	Small Spatialâ€Scale Fieldâ€Aligned Currents in the Plasma Sheet Boundary Layer Surveyed by Magnetosphere Multiscale Spacecraft. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 9976-9985.	0.8	9
20	Pickâ€Up Ion Cyclotron Waves Around Mercury. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL092606.	1.5	8
21	Thin Current Sheet Behind the Dipolarization Front. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029518.	0.8	8
22	Magnetometer in-flight offset accuracy for the BepiColombo spacecraft. <i>Annales Geophysicae</i> , 2020, 38, 823-832.	0.6	7
23	Occurrence rate of dipolarization fronts in the plasma sheet: Cluster observations. <i>Annales Geophysicae</i> , 2017, 35, 1015-1022.	0.6	6
24	Propagation of EMIC Waves Inside the Plasmasphere: A Twoâ€Event Study. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 8396-8415.	0.8	5
25	Magnetosheath plasma flow model around Mercury. <i>Annales Geophysicae</i> , 2021, 39, 563-570.	0.6	4
26	Error estimate for fluxgate magnetometer in-flight calibration on a spinning spacecraft. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , 2021, 10, 13-24.	0.6	3
27	Venus's induced magnetosphere during active solar wind conditions at BepiColombo's Venus 1 flyby. <i>Annales Geophysicae</i> , 2021, 39, 811-831.	0.6	3
28	Statistical investigation of electric field fluctuations around the lower-hybrid frequency range at dipolarization fronts in the near-earth magnetotail. <i>Physics of Plasmas</i> , 2022, 29, .	0.7	3
29	Wave Activity in a Dynamically Evolving Reconnection Separatrix. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028520.	0.8	2