

Paul Tenfjord

List of Publications by Year in descending order

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48
papers

945
citations

394421

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477307

29
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62
all docs

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docs citations

62
times ranked

962
citing authors

#	ARTICLE	IF	CITATIONS
1	Asymmetrically Varying Guide Field During Magnetic Reconnection: Particle-in-Cell Simulations. Journal of Geophysical Research: Space Physics, 2022, 127, .	2.4	1
2	Millisecond observations of nonlinear wave-electron interaction in electron phase space holes. Physics of Plasmas, 2022, 29, .	1.9	3
3	High-Density Magnetospheric He ⁺ at the Dayside Magnetopause and Its Effect on Magnetic Reconnection. Journal of Geophysical Research: Space Physics, 2021, 126, .	2.4	3
4	A New Look at the Electron Diffusion Region in Asymmetric Magnetic Reconnection. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028456.	2.4	4
5	Magnetic Reconnection in a Sheared Magnetic Flux Tube: Slippage Versus Tearing. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029236.	2.4	1
6	Evolution of IMF B y Induced Asymmetries: The Role of Tail Reconnection. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029577.	2.4	5
7	Impacts of Ionospheric Ions on Magnetic Reconnection and Earth's Magnetosphere Dynamics. Reviews of Geophysics, 2021, 59, e2020RG000707.	23.0	26
8	The Micro-Macro Coupling of Mass-Loading in Symmetric Magnetic Reconnection With Cold Ions. Geophysical Research Letters, 2021, 48, e2020GL090690.	4.0	4
9	MMS Observations of an Expanding Oxygen Wave in Magnetic Reconnection. Geophysical Research Letters, 2021, 48, e2021GL095065.	4.0	0
10	How does the magnetosphere go to sleep?. Journal of Atmospheric and Solar-Terrestrial Physics, 2021, 220, 105626.	1.6	1
11	On the Presence and Thermalization of Cold Ions in the Exhaust of Antiparallel Symmetric Reconnection. Frontiers in Astronomy and Space Sciences, 2021, 8, .	2.8	7
12	Quantification of Cold-Ion Beams in a Magnetic Reconnection Jet. Frontiers in Astronomy and Space Sciences, 2021, 8, .	2.8	4
13	On the Impact of a Streaming Oxygen Population on Collisionless Magnetic Reconnection. Geophysical Research Letters, 2020, 47, e2020GL089462.	4.0	3
14	Collisionless Magnetic Reconnection in an Asymmetric Oxygen Density Configuration. Geophysical Research Letters, 2020, 47, e2019GL085359.	4.0	11
15	Interaction of Cold Streaming Protons with the Reconnection Process. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027619.	2.4	9
16	Electron Acceleration and Thermalization at Magnetotail Separatrices. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027440.	2.4	21
17	Characteristics of the Flank Magnetopause: MMS Results. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027623.	2.4	24
18	Validating the Space Weather Modeling Framework (SWMF) for applications in northern Europe. Journal of Space Weather and Space Climate, 2020, 10, 33.	3.3	10

#	ARTICLE	IF	CITATIONS
19	IMF B_y Influence on Magnetospheric Convection in Earth's Magnetotail Plasma Sheet. <i>Geophysical Research Letters</i> , 2019, 46, 11698-11708.	4.0	11
20	Observations of Asymmetric Lobe Convection for Weak and Strong Tail Activity. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 9999-10017.	2.4	10
21	MMS Observations of Multiscale Hall Physics in the Magnetotail. <i>Geophysical Research Letters</i> , 2019, 46, 10230-10239.	4.0	5
22	The Impact of Oxygen on the Reconnection Rate. <i>Geophysical Research Letters</i> , 2019, 46, 6195-6203.	4.0	27
23	Mass Loading the Earth's Dayside Magnetopause Boundary Layer and Its Effect on Magnetic Reconnection. <i>Geophysical Research Letters</i> , 2019, 46, 6204-6213.	4.0	21
24	High-density O^+ in Earth's outer magnetosphere and its effect on dayside magnetopause magnetic reconnection. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 10257-10269.	2.4	14
25	The physical foundation of the reconnection electric field. <i>Physics of Plasmas</i> , 2018, 25, .	1.9	20
26	How the IMF B_y Induces a Local B_y Component During Northward IMF B_z and Characteristic Timescales. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 3333-3348.	2.4	27
27	Interplanetary Magnetic Field B_x Component Influence on Horizontal and Field-Aligned Currents in the Ionosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 3360-3379.	2.4	12
28	Evolution of Asymmetrically Displaced Footpoints During Substorms. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 10,030.	2.4	19
29	Estimating the Rate of Cessation of Magnetospheric Activity in AMPERE Field-Aligned Currents. <i>Geophysical Research Letters</i> , 2018, 45, 12,713.	4.0	3
30	The asymmetric geospace as displayed during the geomagnetic storm on 17 th August 2001. <i>Annales Geophysicae</i> , 2018, 36, 1577-1596.	1.6	18
31	The Formation of an Oxygen Wave by Magnetic Reconnection. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 9370-9380.	2.4	13
32	On the role of separatrix instabilities in heating the reconnection outflow region. <i>Physics of Plasmas</i> , 2018, 25, .	1.9	27
33	Observations of Asymmetries in Ionospheric Return Flow During Different Levels of Geomagnetic Activity. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 4638-4651.	2.4	19
34	Timescales of Dayside and Nightside Field-Aligned Current Response to Changes in Solar Wind-Magnetosphere Coupling. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 7307-7319.	2.4	16
35	Overview of Solar Wind-Magnetosphere-Ionosphere-Atmosphere Coupling and the Generation of Magnetospheric Currents. <i>Space Sciences Series of ISSI</i> , 2018, , 555-581.	0.0	0
36	North-south asymmetries in cold plasma density in the magnetotail lobes: Cluster observations. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 136-149.	2.4	26

#	ARTICLE	IF	CITATIONS
37	Magnetospheric response and reconfiguration times following IMF B_y reversals. Journal of Geophysical Research: Space Physics, 2017, 122, 417-431.	2.4	35
38	Overview of Solar Windâ€“Magnetosphereâ€“Ionosphereâ€“Atmosphere Coupling and the Generation of Magnetospheric Currents. Space Science Reviews, 2017, 206, 547-573.	8.1	105
39	Dayside and nightside magnetic field responses at 780 km altitude to dayside reconnection. Journal of Geophysical Research: Space Physics, 2017, 122, 1670-1689.	2.4	18
40	Dynamic effects of restoring footpoint symmetry on closed magnetic field lines. Journal of Geophysical Research: Space Physics, 2016, 121, 3963-3977.	2.4	24
41	The impact of sunlight on high-latitude equivalent currents. Journal of Geophysical Research: Space Physics, 2016, 121, 2715-2726.	2.4	37
42	Birkeland current effects on high-latitude ground magnetic field perturbations. Geophysical Research Letters, 2015, 42, 7248-7254.	4.0	29
43	How the IMF B_y induces a B_z component in the closed magnetosphere and how it leads to asymmetric currents and convection patterns in the two hemispheres. Journal of Geophysical Research: Space Physics, 2015, 120, 9368-9384.	2.4	90
44	Defining and resolving current systems in geospace. Annales Geophysicae, 2015, 33, 1369-1402.	1.6	66
45	Characteristics of the flank magnetopause: Cluster observations. Journal of Geophysical Research: Space Physics, 2014, 119, 9019-9037.	2.4	36
46	Intensity asymmetries in the dusk sector of the poleward auroral oval due to IMF B_x . Journal of Geophysical Research: Space Physics, 2014, 119, 9497-9507.	2.4	29
47	Energy transfer and flow in the solar windâ€“magnetosphereâ€“ionosphere system: A new coupling function. Journal of Geophysical Research: Space Physics, 2013, 118, 5659-5672.	2.4	39
48	The Role of Resistivity on the efficiency of Magnetic Reconnection in MHD. Journal of Geophysical Research: Space Physics, 0, , .	2.4	0