

John Dombeck

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,232
citations

623188

14
h-index

580395

25
g-index

25
all docs

25
docs citations

25
times ranked

1061
citing authors

#	ARTICLE	IF	CITATIONS
1	Cluster observations of electron holes in association with magnetotail reconnection and comparison to simulations. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	251
2	Cluster observations of an intense normal component of the electric field at a thin reconnecting current sheet in the tail and its role in the shock-like acceleration of the ion fluid into the separatrix region. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	249
3	Comparisons of Polar satellite observations of solitary wave velocities in the plasma sheet boundary and the high altitude cusp to those in the auroral zone. <i>Geophysical Research Letters</i> , 1999, 26, 425-428.	1.5	183
4	Polar observations of solitary waves at the Earth's magnetopause. <i>Geophysical Research Letters</i> , 2002, 29, 9-1-9-4.	1.5	132
5	Alfvén waves and Poynting flux observed simultaneously by Polar and FAST in the plasma sheet boundary layer. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	66
6	THEMIS observations of the magnetopause electron diffusion region: Large amplitude waves and heated electrons. <i>Geophysical Research Letters</i> , 2013, 40, 2884-2890.	1.5	66
7	Some properties of Alfvén waves: Observations in the tail lobes and the plasma sheet boundary layer. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	61
8	Observations of large amplitude parallel electric field wave packets at the plasma sheet boundary. <i>Geophysical Research Letters</i> , 1998, 25, 857-860.	1.5	34
9	Cluster observations of surface waves in the ion jets from magnetotail reconnection. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	28
10	Identification of Auroral Electron Precipitation Mechanism Combinations and Their Relationships to Net Downgoing Energy and Number Flux. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 10,064.	0.8	24
11	Assessing the global Alfvén wave power flow into and out of the auroral acceleration region during geomagnetic storms. <i>Science Advances</i> , 2019, 5, eaav8411.	4.7	23
12	FAST observations of the solar illumination dependence of upflowing electron beams in the auroral zone. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	19
13	FAST observations of the solar illumination dependence of downgoing auroral electron beams: Relationship to electron energy flux. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	16
14	Solar cycle effects on parallel electric field acceleration of auroral electron beams. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 5673-5680.	0.8	15
15	Periodicities in an active region correlated with Type III radio bursts observed by Parker Solar Probe. <i>Astronomy and Astrophysics</i> , 2021, 650, A6.	2.1	13
16	Fast Auroral Snapshot observations of the dependence of dayside auroral field-aligned currents on solar wind parameters and solar illumination. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	9
17	A FAST study of quasi-static structure (inverted) potential drops and their latitudinal dependence in the premidnight sector and ramifications for the current-voltage relationship. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 5731-5741.	0.8	9
18	Simultaneous ground and satellite observations of discrete auroral arcs, substorm aurora, and Alfvénic aurora with FAST and THEMIS GBO. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 6998-7010.	0.8	7

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19	FAST observations of solar illumination and solar cycle dependence of the acceleration of upflowing ion beams on auroral field lines. Journal of Geophysical Research: Space Physics, 2013, 118, 3203-3213.	0.8	6
20	Observations of a high-latitude stable electron auroral emission at ~ 16 MLT during a large substorm. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	5
21	Global Alfvén Wave Power in the Auroral Zone in Relation to the AE Index. Journal of Geophysical Research: Space Physics, 2019, 124, 8637-8646.	0.8	5
22	Temporal Evolution of Substorm-Driven Global Alfvén Wave Power Above the Auroral Acceleration Region. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027444.	0.8	5
23	An evaluation of space weather conditions for FORMOSAT-3 satellite anomalies. Earth, Planets and Space, 2021, 73, .	0.9	4
24	Geomagnetic Effects in Spatial Distributions of Particle Precipitation in Terms of Particle Energy Channels. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028137.	0.8	1
25	Influences of IMF B_y Polarity on Dayside Electron Precipitation in Terms of Energy Channels. Journal of Geophysical Research: Space Physics, 2022, 127, .	0.8	1