

# 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	Influences of IMF $B_y$ Polarity on Dayside Electron Precipitation in Terms of Energy Channels. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	1
2	An evaluation of space weather conditions for FORMOSAT-3 satellite anomalies. <i>Earth, Planets and Space</i> , 2021, 73, .	0.9	4
3	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
4	Geomagnetic Effects in Spatial Distributions of Particle Precipitation in Terms of Particle Energy Channels. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028137.	0.8	1
5	Temporal Evolution of Substorm-Driven Global Alfvén Wave Power Above the Auroral Acceleration Region. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027444.	0.8	5
6	Global Alfvén Wave Power in the Auroral Zone in Relation to the AE Index. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 8637-8646.	0.8	5
7	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
8	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
9	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
10	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
11	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
12	FAST observations of solar illumination and solar cycle dependence of the acceleration of upflowing ion beams on auroral field lines. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 3203-3213.	0.8	6
13	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
14	Observations of a high-latitude stable electron auroral emission at $\sim 16$ MLT during a large substorm. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	5
15	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
16	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
17	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
18	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

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19	Some properties of Alfvén waves: Observations in the tail lobes and the plasma sheet boundary layer. Journal of Geophysical Research, 2005, 110, .	3.3	61
20	Alfvén waves and Poynting flux observed simultaneously by Polar and FAST in the plasma sheet boundary layer. Journal of Geophysical Research, 2005, 110, .	3.3	66
21	FAST observations of the solar illumination dependence of upflowing electron beams in the auroral zone. Journal of Geophysical Research, 2004, 109, .	3.3	19
22	Fast Auroral Snapshot observations of the dependence of dayside auroral field-aligned currents on solar wind parameters and solar illumination. Journal of Geophysical Research, 2003, 108, .	3.3	9
23	Polar observations of solitary waves at the Earth's magnetopause. Geophysical Research Letters, 2002, 29, 9-1-9-4.	1.5	132
24	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. Geophysical Research Letters, 1999, 26, 425-428.	1.5	183
25	Observations of large amplitude parallel electric field wave packets at the plasma sheet boundary. Geophysical Research Letters, 1998, 25, 857-860.	1.5	34