

J D Perez

List of Publications by Year in descending order

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31
papers

794
citations

516215

16
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500791

28
g-index

42
all docs

42
docs citations

42
times ranked

738
citing authors

#	ARTICLE	IF	CITATIONS
1	Views of Earth's Magnetosphere with the IMAGE Satellite. <i>Science</i> , 2001, 291, 619-624.	6.0	150
2	The Comprehensive Inner Magnetosphere-Ionosphere Model. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 7522-7540.	0.8	106
3	Investigation of storm time magnetotail and ion injection using three-dimensional global hybrid simulation. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 7413-7432.	0.8	73
4	Initial ion equatorial pitch angle distributions from medium and high energy neutral atom images obtained by IMAGE. <i>Geophysical Research Letters</i> , 2001, 28, 1155-1158.	1.5	46
5	Evolution of low-altitude and ring current ENA emissions from a moderate magnetospheric storm: Continuous and simultaneous TWINS observations. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	39
6	Global-scale hybrid simulation of dayside magnetic reconnection under southward IMF: Structure and evolution of reconnection. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	36
7	Overlap of the plasmasphere and ring current: Relation to subauroral ionospheric heating. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	35
8	Formation and transport of entropy structures in the magnetotail simulated with a 3D global hybrid code. <i>Geophysical Research Letters</i> , 2017, 44, 5892-5899.	1.5	35
9	Evolution of CIR storm on 22 July 2009. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	30
10	Kinetic Alfvén Waves From Magnetotail to the Ionosphere in Global Hybrid Simulation Associated With Fast Flows. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027062.	0.8	26
11	Cross-scale observations of the 2015 St. Patrick's day storm: THEMIS, Van Allen Probes, and TWINS. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 368-392.	0.8	25
12	Dynamics of ring current ions as obtained from IMAGE HENA and MENA ENA images. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	22
13	TWINS stereoscopic imaging of multiple peaks in the ring current. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 368-383.	0.8	22
14	Oxygen-hydrogen differentiated observations from TWINS: The 22 July 2009 storm. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 3377-3393.	0.8	21
15	Global images of trapped ring current ions during main phase of 17 March 2015 geomagnetic storm as observed by TWINS. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 6509-6525.	0.8	18
16	Low energy particle signature of substorm dipolarization. <i>Geophysical Research Letters</i> , 1994, 21, 229-232.	1.5	16
17	Proton temperatures in the ring current from ENA images and in situ measurements. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	15
18	Comparison of TWINS and THEMIS observations of proton pitch angle distributions in the ring current during the 29 May 2010 geomagnetic storm. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 4895-4905.	0.8	15

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19	Global observations of ring current dynamics during corotating interaction regionâ€‘driven geomagnetic storms in 2008. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	14
20	Globalâ€‘scale hybrid simulation of cusp precipitating ions associated with magnetopause reconnection under southward IMF. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	10
21	Trapped and precipitating protons in the inner magnetosphere as seen by IMAGE. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	8
22	Microscale effects from global hot plasma imagery. <i>Geophysical Monograph Series</i> , 1995, , 37-46.	0.1	7
23	Outflow from the ionosphere in the vicinity of the cusp. <i>Journal of Geophysical Research</i> , 2002, 107, SMP 13-1-SMP 13-9.	3.3	7
24	Magnetotailâ€‘Inner Magnetosphere Transport Associated With Fast Flows Based on Combined Globalâ€‘Hybrid and CIMI Simulation. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028405.	0.8	6
25	Dynamics of a geomagnetic storm on 7â€‘10 September 2015 as observed by TWINS and simulated by CIMI. <i>Annales Geophysicae</i> , 2018, 36, 1439-1456.	0.6	4
26	Simulation of the Scattering of Continuously Injected Pickup Ions outside the Heliopause. <i>Astrophysical Journal</i> , 2021, 922, 271.	1.6	3
27	Fine scale auroral beams and conics. <i>Geophysical Monograph Series</i> , 1995, , 127-132.	0.1	2
28	TWINS Observations of the Dynamics of Ring Currents Ion Spectra on March 17 and October 7, 2015. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028156.	0.8	2
29	Statistical correlation of lowâ€‘altitude ENA emissions with geomagnetic activity from IMAGE/MENA observations. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 2046-2066.	0.8	1
30	Introduction to Particle Acceleration in the Cosmos. <i>Geophysical Monograph Series</i> , 2013, , 1-8.	0.1	0
31	Comparison of CIMI Simulations and TWINS Observations on June 28 and 29, 2013. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028388.	0.8	0