J D Perez

List of Publications by Year in descending order

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Version: 2024-02-01

31 papers	794 citations	516215 16 h-index	500791 28 g-index
42 all docs	42 docs citations	42 times ranked	738 citing authors

#	Article	IF	Citations
1	TWINS Observations of the Dynamics of Ring Currents Ion Spectra on March 17 and October 7, 2015. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028156.	0.8	2
2	Magnetotailâ€Inner Magnetosphere Transport Associated With Fast Flows Based on Combined Globalâ€Hybrid and CIMI Simulation. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028405.	0.8	6
3	Comparison of CIMI Simulations and TWINS Observations on June 28 and 29, 2013. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028388.	0.8	0
4	Simulation of the Scattering of Continuously Injected Pickup Ions outside the Heliopause. Astrophysical Journal, 2021, 922, 271.	1.6	3
5	Kinetic AlfvÃ©n Waves From Magnetotail to the Ionosphere in Global Hybrid Simulation Associated With Fast Flows. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027062.	0.8	26
6	Dynamics of a geomagnetic storm on 7â€“10 September 2015 as observed by TWINS and simulated by CIMI. Annales Geophysicae, 2018, 36, 1439-1456.	0.6	4
7	Formation and transport of entropy structures in the magnetotail simulated with a 3â€Ð global hybrid code. Geophysical Research Letters, 2017, 44, 5892-5899.	1.5	35
8	Crossâ€scale observations of the 2015 St. Patrick's day storm: THEMIS, Van Allen Probes, and TWINS. Journal of Geophysical Research: Space Physics, 2017, 122, 368-392.	0.8	25
9	Global images of trapped ring current ions during main phase of 17 March 2015 geomagnetic storm as observed by TWINS. Journal of Geophysical Research: Space Physics, 2016, 121, 6509-6525.	0.8	18
10	Statistical correlation of lowâ€altitude ENA emissions with geomagnetic activity from IMAGE/MENA observations. Journal of Geophysical Research: Space Physics, 2016, 121, 2046-2066.	0.8	1
11	TWINS stereoscopic imaging of multiple peaks in the ring current. Journal of Geophysical Research: Space Physics, 2015, 120, 368-383.	0.8	22
12	Investigation of storm time magnetotail and ion injection using threeâ€dimensional global hybrid simulation. Journal of Geophysical Research: Space Physics, 2014, 119, 7413-7432.	0.8	73
13	The Comprehensive Inner Magnetosphereâ€Ionosphere Model. Journal of Geophysical Research: Space Physics, 2014, 119, 7522-7540.	0.8	106
14	Introduction to Particle Acceleration in the Cosmos. Geophysical Monograph Series, 2013, , 1-8.	0.1	0
15	Oxygenâ€hydrogen differentiated observations from TWINS: The 22 July 2009 storm. Journal of Geophysical Research: Space Physics, 2013, 118, 3377-3393.	0.8	21
16	Comparison of TWINS and THEMIS observations of proton pitch angle distributions in the ring current during the 29 May 2010 geomagnetic storm. Journal of Geophysical Research: Space Physics, 2013, 118, 4895-4905.	0.8	15
17	Evolution of CIR storm on 22 July 2009. Journal of Geophysical Research, 2012, 117, .	3.3	30
18	Globalâ€scale hybrid simulation of cusp precipitating ions associated with magnetopause reconnection under southward IMF. Journal of Geophysical Research, 2012, 117, .	3.3	10

#	Article	IF	Citations
19	Global-scale hybrid simulation of dayside magnetic reconnection under southward IMF: Structure and evolution of reconnection. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	36
20	Global observations of ring current dynamics during corotating interaction regionâ€“driven geomagnetic storms in 2008. Journal of Geophysical Research, 2010, 115, .	3.3	14
21	Evolution of lowâ€altitude and ring current ENA emissions from a moderate magnetospheric storm: Continuous and simultaneous TWINS observations. Journal of Geophysical Research, 2010, 115, .	3.3	39
22	Overlap of the plasmasphere and ring current: Relation to subauroral ionospheric heating. Journal of Geophysical Research, 2005, 110, .	3.3	35
23	Proton temperatures in the ring current from ENA images and in situ measurements. Geophysical Research Letters, 2005, 32, .	1.5	15
24	Dynamics of ring current ions as obtained from IMAGE HENA and MENA ENA images. Journal of Geophysical Research, 2004, 109, .	3.3	22
25	Trapped and precipitating protons in the inner magnetosphere as seen by IMAGE. Journal of Geophysical Research, 2004, 109, .	3.3	8
26	Outflow from the ionosphere in the vicinity of the cusp. Journal of Geophysical Research, 2002, 107, SMP 13-1-SMP 13-9.	3.3	7
27	Initial ion equatorial pitch angle distributions from medium and high energy neutral atom images obtained by IMAGE. Geophysical Research Letters, 2001, 28, 1155-1158.	1.5	46
28	Views of Earth's Magnetosphere with the IMAGE Satellite. Science, 2001, 291, 619-624.	6.0	150
29	Fine scale auroral beams and conics. Geophysical Monograph Series, 1995, , 127-132.	0.1	2
30	Microscale effects from global hot plasma imagery. Geophysical Monograph Series, 1995, , 37-46.	0.1	7
31	Low energy particle signature of substorm dipolarization. Geophysical Research Letters, 1994, 21, 229-232.	1.5	16