

Peter Chi

List of Publications by Year in descending order

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35
papers

1,233
citations

489802

18
h-index

445137

33
g-index

40
all docs

40
docs citations

40
times ranked

1683
citing authors

#	ARTICLE	IF	CITATIONS
1	The Combined Influence of Lower Band Chorus and ULF Waves on Radiation Belt Electron Fluxes at Individual L -Shells. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028755.	0.8	13
2	MMS Observations of Field Line Resonances Under Disturbed Solar Wind Conditions. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028936.	0.8	2
3	Crustal and time-varying magnetic fields at the InSight landing site on Mars. <i>Nature Geoscience</i> , 2020, 13, 199-204.	5.4	68
4	Initial results from the InSight mission on Mars. <i>Nature Geoscience</i> , 2020, 13, 183-189.	5.4	274
5	InSight Auxiliary Payload Sensor Suite (APSS). <i>Space Science Reviews</i> , 2019, 215, 1.	3.7	104
6	Recent Developments in Our Knowledge of Inner Magnetosphere-Ionosphere Convection. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 7276-7282.	0.8	4
7	Nighttime ULF Waves Observed in the Topside Ionosphere by the DEMETER Satellite. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 7726-7739.	0.8	4
8	Global observations of magnetospheric high-m poloidal waves during the 22 June 2015 magnetic storm. <i>Geophysical Research Letters</i> , 2017, 44, 3456-3464.	1.5	43
9	Application of a global magnetospheric-ionospheric current model for dayside and terminator Pi2 pulsations. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 8589-8603.	0.8	7
10	Magnetopause erosion during the 17 March 2015 magnetic storm: Combined field-aligned currents, auroral oval, and magnetopause observations. <i>Geophysical Research Letters</i> , 2016, 43, 2396-2404.	1.5	36
11	Observations of magnetospheric high-m poloidal waves by ST-5 satellites in low Earth orbit during geomagnetically quiet times. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 4776-4783.	0.8	11
12	Sounding of the plasmasphere by Mid-continent Magnetoseismic Chain (McMAC) magnetometers. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 3077-3086.	0.8	44
13	Simultaneous observations of plasmaspheric and ionospheric variations during magnetic storms in 2011: First result from Chinese Meridian Project. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 99-104.	0.8	17
14	Upstream ultra-low frequency waves in Mercury's foreshock region: MESSENGER magnetic field observations. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 2809-2823.	0.8	40
15	Observations of a unique type of ULF wave by low-altitude Space Technology 5 satellites. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	18
16	Conjunction study of plasmopause location using ground-based magnetometers, IMAGE-EUV, and Kaguya-TEX data. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	10
17	Multipoint observation of fast mode waves trapped in the dayside plasmasphere. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	34
18	Substorm onset timing via traveltime magnetoseismology. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	21

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19	Substorm expansion triggered by a sudden impulse front propagating from the dayside magnetopause. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	30
20	THEMIS Ground-Based Magnetometers. <i>Space Science Reviews</i> , 2008, 141, 389-412.	3.7	125
21	Use of the Wigner-Ville distribution in interpreting and identifying ULF waves in triaxial magnetic records. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	16
22	In situ observation at $L=2.3$ by the Akebono satellite of the plasmaspheric depletion during the September 1998 magnetic storm. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	3
23	Tamao travel time of sudden impulses and its relationship to ionospheric convection vortices. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	34
24	Afternoon subauroral proton precipitation resulting from ring current-plasmasphere interaction. <i>Geophysical Monograph Series</i> , 2005, , 85-99.	0.1	24
25	Density enhancement in plasmasphere-ionosphere plasma during the 2003 Halloween Superstorm: Observations along the 330th magnetic meridian in North America. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	52
26	On the source of Pc1-2 waves in the plasma mantle. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	16
27	Chapman Conference on Magnetospheric ULF Waves. <i>Eos</i> , 2005, 86, 270.	0.1	0
28	Travel-time magnetoseismology: Magnetospheric sounding by timing the tremors in space. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	1.5	29
29	Relationship between multiple substorm onsets and the IMF: A case study. <i>Journal of Geophysical Research</i> , 2002, 107, SMP 11-1.	3.3	12
30	Reply to comment by T. Kikuchi and T. Araki on "Propagation of the preliminary reverse impulse of sudden commencements to low latitudes". <i>Journal of Geophysical Research</i> , 2002, 107, SMP 33-1-SMP 33-2.	3.3	8
31	Magnetosphere on May 11, 1999, the day the solar wind almost disappeared: II. Magnetic pulsations in space and on the ground. <i>Geophysical Research Letters</i> , 2000, 27, 2165-2168.	1.5	17
32	Plasmaspheric depletion and refilling associated with the September 25, 1998 magnetic storm observed by ground magnetometers at $L=2$. <i>Geophysical Research Letters</i> , 2000, 27, 633-636.	1.5	58
33	Sudden compression of the outer magnetosphere associated with an ionospheric mass ejection. <i>Geophysical Research Letters</i> , 1999, 26, 2343-2346.	1.5	34
34	An interpretation of the cross-phase spectrum of geomagnetic pulsations by the field line resonance theory. <i>Geophysical Research Letters</i> , 1998, 25, 4445-4448.	1.5	13
35	New Insights into the Substorm Initiation Sequence from the Spatio-temporal Development of Auroral Electrojets. <i>Journal of Geophysical Research: Space Physics</i> , 0, , .	0.8	6