

E E Woodfield

List of Publications by Year in descending order

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36
papers

627
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471509

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39
times ranked

839
citing authors

#	ARTICLE	IF	CITATIONS
1	Chorus, ECH, and Z mode emissions observed at Jupiter and Saturn and possible electron acceleration. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	49
2	The origin of Jupiter's outer radiation belt. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 3490-3502.	2.4	46
3	Electron Acceleration to MeV Energies at Jupiter and Saturn. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 9110-9129.	2.4	46
4	The statistical dependence of auroral absorption on geomagnetic and solar wind parameters. <i>Annales Geophysicae</i> , 2004, 22, 877-887.	1.6	37
5	Formation of electron radiation belts at Saturn by Z-mode wave acceleration. <i>Nature Communications</i> , 2018, 9, 5062.	12.8	29
6	On the triggering of auroral substorms by northward turnings of the interplanetary magnetic field. <i>Annales Geophysicae</i> , 2009, 27, 3559-3570.	1.6	28
7	The distribution of the ring current: Cluster observations. <i>Annales Geophysicae</i> , 2011, 29, 1655-1662.	1.6	25
8	Revealing the source of Jupiter's x-ray auroral flares. <i>Science Advances</i> , 2021, 7, .	10.3	25
9	A comparison of Cluster magnetic data with the Tsyganenko 2001 model. <i>Journal of Geophysical Research</i> , 2007, 112, n/a-n/a.	3.3	24
10	What characterizes planetary space weather?. <i>Astronomy and Astrophysics Review</i> , 2014, 22, 1.	25.5	23
11	Survey of whistler mode chorus intensity at Jupiter. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 9758-9770.	2.4	23
12	Strong whistler mode waves observed in the vicinity of Jupiter's moons. <i>Nature Communications</i> , 2018, 9, 3131.	12.8	22
13	Rapid Electron Acceleration in Low-Density Regions of Saturn's Radiation Belt by Whistler Mode Chorus Waves. <i>Geophysical Research Letters</i> , 2019, 46, 7191-7198.	4.0	22
14	A New Approach to Constructing Models of Electron Diffusion by EMIC Waves in the Radiation Belts. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088976.	4.0	22
15	Electron acceleration at Jupiter: input from cyclotron-resonant interaction with whistler-mode chorus waves. <i>Annales Geophysicae</i> , 2013, 31, 1619-1630.	1.6	20
16	Survey analysis of chorus intensity at Saturn. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 8415-8425.	2.4	19
17	Midnight sector observations of auroral omega bands. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	18
18	Comparing Electron Precipitation Fluxes Calculated From Pitch Angle Diffusion Coefficients to LEO Satellite Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028410.	2.4	17

#	ARTICLE	IF	CITATIONS
19	Comparison of eight years magnetic field data from Cluster with Tsyganenko models in the inner magnetosphere. <i>Annales Geophysicae</i> , 2010, 28, 309-326.	1.6	15
20	A case study of HF radar spectral width in the post midnight magnetic local time sector and its relationship to the polar cap boundary. <i>Annales Geophysicae</i> , 2002, 20, 501-509.	1.6	15
21	Statistical characteristics of Doppler spectral width as observed by the conjugate SuperDARN radars. <i>Annales Geophysicae</i> , 2002, 20, 1213-1223.	1.6	13
22	Survey of Saturn Z^{mode} emission. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 6176-6187.	2.4	12
23	Substorm related changes in precipitation in the dayside auroral zone – a multi instrument case study. <i>Annales Geophysicae</i> , 2002, 20, 1321-1334.	1.6	12
24	Nightside studies of coherent HF Radar spectral width behaviour. <i>Annales Geophysicae</i> , 2002, 20, 1399-1413.	1.6	11
25	An inter-hemispheric, statistical study of nightside spectral width distributions from coherent HF scatter radars. <i>Annales Geophysicae</i> , 2002, 20, 1921-1934.	1.6	9
26	Interhemispheric comparison of spectral width boundary as observed by SuperDARN radars. <i>Annales Geophysicae</i> , 2003, 21, 1553-1565.	1.6	8
27	High resolution observations of spectral width features associated with ULF wave signatures in artificial HF radar backscatter. <i>Annales Geophysicae</i> , 2004, 22, 169-182.	1.6	7
28	Global MHD simulation of flux transfer events at the high latitude magnetopause observed by the Cluster spacecraft and the SuperDARN radar system. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	7
29	Characterization of Jupiter's secondary auroral oval and its response to hot plasma injections. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 6415-6429.	2.4	7
30	Acceleration of Electrons by Whistler Mode Hiss Waves at Saturn. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	7
31	Auroral spectral estimation with wide-band color mosaic CCDs. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , 2014, 3, 71-94.	1.6	6
32	The effects of high-frequency ULF wave activity on the spectral characteristics of coherent HF radar returns: a case study. <i>Annales Geophysicae</i> , 2004, 22, 1843-1849.	1.6	1
33	Combining incoherent scatter radar data and IRI-2007 to monitor the open-closed field line boundary during substorms. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	1
34	The origin of Jupiter's outer radiation belt. , 2014, , .		1
35	Autumn MIST 2012. <i>Astronomy and Geophysics</i> , 2013, 54, 2.21-2.24.	0.2	0
36	Autumn MIST 2013. <i>Astronomy and Geophysics</i> , 2014, 55, 2.22-2.25.	0.2	0