

E E Woodfield

List of Publications by Year in descending order

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839
citing authors

#	ARTICLE	IF	CITATIONS
1	Acceleration of Electrons by Whistler Mode Hiss Waves at Saturn. Geophysical Research Letters, 2022, 49, .	4.0	7
2	Comparing Electron Precipitation Fluxes Calculated From Pitch Angle Diffusion Coefficients to LEO Satellite Observations. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028410.	2.4	17
3	Revealing the source of Jupiter's x-ray auroral flares. Science Advances, 2021, 7, .	10.3	25
4	A New Approach to Constructing Models of Electron Diffusion by EMIC Waves in the Radiation Belts. Geophysical Research Letters, 2020, 47, e2020GL088976.	4.0	22
5	Rapid Electron Acceleration in Low-Density Regions of Saturn's Radiation Belt by Whistler Mode Chorus Waves. Geophysical Research Letters, 2019, 46, 7191-7198.	4.0	22
6	Electron Acceleration to MeV Energies at Jupiter and Saturn. Journal of Geophysical Research: Space Physics, 2018, 123, 9110-9129.	2.4	46
7	Formation of electron radiation belts at Saturn by Z-mode wave acceleration. Nature Communications, 2018, 9, 5062.	12.8	29
8	Strong whistler mode waves observed in the vicinity of Jupiter's moons. Nature Communications, 2018, 9, 3131.	12.8	22
9	Characterization of Jupiter's secondary auroral oval and its response to hot plasma injections. Journal of Geophysical Research: Space Physics, 2017, 122, 6415-6429.	2.4	7
10	Survey of whistler mode chorus intensity at Jupiter. Journal of Geophysical Research: Space Physics, 2016, 121, 9758-9770.	2.4	23
11	Survey of Saturn Z-mode emission. Journal of Geophysical Research: Space Physics, 2015, 120, 6176-6187.	2.4	12
12	The origin of Jupiter's outer radiation belt. Journal of Geophysical Research: Space Physics, 2014, 119, 3490-3502.	2.4	46
13	Auroral spectral estimation with wide-band color mosaic CCDs. Geoscientific Instrumentation, Methods and Data Systems, 2014, 3, 71-94.	1.6	6
14	What characterizes planetary space weather?. Astronomy and Astrophysics Review, 2014, 22, 1.	25.5	23
15	Autumn MIST 2013. Astronomy and Geophysics, 2014, 55, 2.22-2.25.	0.2	0
16	Survey analysis of chorus intensity at Saturn. Journal of Geophysical Research: Space Physics, 2014, 119, 8415-8425.	2.4	19
17	The origin of Jupiter's outer radiation belt. , 2014, , .		1
18	Autumn MIST 2012. Astronomy and Geophysics, 2013, 54, 2.21-2.24.	0.2	0

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19	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
20	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
21	Midnight sector observations of auroral omega bands. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	18
22	The distribution of the ring current: Cluster observations. <i>Annales Geophysicae</i> , 2011, 29, 1655-1662.	1.6	25
23	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
24	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
25	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
26	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
27	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
28	The statistical dependence of auroral absorption on geomagnetic and solar wind parameters. <i>Annales Geophysicae</i> , 2004, 22, 877-887.	1.6	37
29	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
30	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
31	Interhemispheric comparison of spectral width boundary as observed by SuperDARN radars. <i>Annales Geophysicae</i> , 2003, 21, 1553-1565.	1.6	8
32	Nightside studies of coherent HF Radar spectral width behaviour. <i>Annales Geophysicae</i> , 2002, 20, 1399-1413.	1.6	11
33	Statistical characteristics of Doppler spectral width as observed by the conjugate SuperDARN radars. <i>Annales Geophysicae</i> , 2002, 20, 1213-1223.	1.6	13
34	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
35	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
36	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