George B Hospodarsky

List of Publications by Year
in descending order

253	11,513	34100 52	40976 93
papers	citations	h-index	g-index

275	275	275	3116
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Electric and Magnetic Field Instrument Suite and Integrated Science (EMFISIS) on RBSP. Space Science Reviews, 2013, 179, 127-181.	8.1	932
2	Rapid local acceleration of relativistic radiation-belt electrons by magnetospheric chorus. Nature, 2013, 504, 411-414.	27.8	608
3	The Cassini Radio and Plasma Wave Investigation. Space Science Reviews, 2004, 114, 395-463.	8.1	455
4	Electron densities inferred from plasma wave spectra obtained by the Waves instrument on Van Allen Probes. Journal of Geophysical Research: Space Physics, 2015, 120, 904-914.	2.4	395
5	Radio and Plasma Wave Observations at Saturn from Cassini's Approach and First Orbit. Science, 2005, 307, 1255-1259.	12.6	236
6	Chorus source locations from VLF Poynting flux measurements with the Polar spacecraft. Geophysical Research Letters, 1998, 25, 4063-4066.	4.0	216
7	Radiation belt electron acceleration by chorus waves during the 17 March 2013 storm. Journal of Geophysical Research: Space Physics, 2014, 119, 4681-4693.	2.4	182
8	Cassini Measurements of Cold Plasma in the Ionosphere of Titan. Science, 2005, 308, 986-989.	12.6	178
9	Control of Jupiter's radio emission and aurorae by the solar wind. Nature, 2002, 415, 985-987.	27.8	171
10	Statistical properties of plasmaspheric hiss derived from Van Allen Probes data and their effects on radiation belt electron dynamics. Journal of Geophysical Research: Space Physics, 2015, 120, 3393-3405.	2.4	164
11	Constructing the global distribution of chorus wave intensity using measurements of electrons by the POES satellites and waves by the Van Allen Probes. Geophysical Research Letters, 2013, 40, 4526-4532.	4.0	153
12	Evolution and slow decay of an unusual narrow ring of relativistic electrons near Lâ€‰~â€‰3.2 following the September 2012 magnetic storm. Geophysical Research Letters, 2013, 40, 3507-3511.	4.0	150
13	The Polar plasma wave instrument. Space Science Reviews, 1995, 71, 597-622.	8.1	147
14	Fine structure of largeâ€amplitude chorus wave packets. Geophysical Research Letters, 2014, 41, 293-299.	4.0	130
15	An unusual enhancement of lowâ€frequency plasmaspheric hiss in the outer plasmasphere associated with substormâ€injected electrons. Geophysical Research Letters, 2013, 40, 3798-3803.	4.0	120
16	Resonant scattering of energetic electrons by unusual low-frequency hiss. Geophysical Research Letters, 2014, 41, 1854-1861.	4.0	110
17	The Juno Waves Investigation. Space Science Reviews, 2017, 213, 347-392.	8.1	110
18	Jupiterâ€™s magnetosphere and aurorae observed by the Juno spacecraft during its first polar orbits. Science, 2017, 356, 826-832.	12.6	109

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19	Detection of dusty plasma near the E-ring of Saturn. Planetary and Space Science, 2009, 57, 1795-1806.	1.7	104
20	Electron scattering by magnetosonic waves in the inner magnetosphere. Journal of Geophysical Research: Space Physics, 2016, 121, 274-285.	2.4	102
21	Chorus acceleration of radiation belt relativistic electrons during March 2013 geomagnetic storm. Journal of Geophysical Research: Space Physics, 2014, 119, 3325-3332.	2.4	101
22	Whistler anisotropy instabilities as the source of banded chorus: Van Allen Probes observations and particleâ€inâ€cell simulations. Journal of Geophysical Research: Space Physics, 2014, 119, 8288-8298.	2.4	101
23	New chorus wave properties near the equator from Van Allen Probes wave observations. Geophysical Research Letters, 2016, 43, 4725-4735.	4.0	100
24	Synthetic Empirical Chorus Wave Model From Combined Van Allen Probes and Cluster Statistics. Journal of Geophysical Research: Space Physics, 2018, 123, 297-314.	2.4	100
25	Fine structure of Langmuir waves produced by a solar electron event. Journal of Geophysical Research, 1993, 98, 5631-5637.	3.3	97
26	Formation of energetic electron butterfly distributions by magnetosonic waves via Landau resonance. Geophysical Research Letters, 2016, 43, 3009-3016.	4.0	88
27	Modeling inward diffusion and slow decay of energetic electrons in the Earth's outer radiation belt. Geophysical Research Letters, 2015, 42, 987-995.	4.0	87
28	Quantitative Evaluation of Radial Diffusion and Local Acceleration Processes During GEM Challenge Events. Journal of Geophysical Research: Space Physics, 2018, 123, 1938-1952.	2.4	86
29	Global-scale coherence modulation of radiation-belt electron loss from plasmaspheric hiss. Nature, 2015, 523, 193-195.	27.8	83
30	Ion conics and electron beams associated with auroral processes on Saturn. Journal of Geophysical Research, 2009, 114, .	3.3	81
31	Non-detection at Venus of high-frequency radio signals characteristic of terrestrial lightning. Nature, 2001, 409, 313-315.	27.8	79
32	Radiation belt electron acceleration during the 17 March 2015 geomagnetic storm: Observations and simulations. Journal of Geophysical Research: Space Physics, 2016, 121, 5520-5536.	2.4	77
33	Unraveling the excitation mechanisms of highly oblique lower band chorus waves. Geophysical Research Letters, 2016, 43, 8867-8875.	4.0	75
34	Equatorial electron density measurements in Saturn's inner magnetosphere. Geophysical Research Letters, 2005, 32, .	4.0	69
35	Observations of kinetic scale field line resonances. Geophysical Research Letters, 2014, 41, 209-215.	4.0	69
36	Statistical distribution of EMIC wave spectra: Observations from Van Allen Probes. Geophysical Research Letters, 2016, 43, 12,348.	4.0	69

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37	The inner magnetosphere of Saturn: Cassini RPWS cold plasma results from the first encounter. Geophysical Research Letters, 2005, 32, .	4.0	67
38	Direct evidence for EMIC wave scattering of relativistic electrons in space. Journal of Geophysical Research: Space Physics, 2016, 121, 6620-6631.	2.4	67
39	Evidence of stronger pitch angle scattering loss caused by oblique whistlerâ€mode waves as compared with quasiâ€parallel waves. Geophysical Research Letters, 2014, 41, 6063-6070.	4.0	63
40	A novel technique to construct the global distribution of whistler mode chorus wave intensity using lowâ€altitude POES electron data. Journal of Geophysical Research: Space Physics, 2014, 119, 5685-5699.	2.4	63
41	Survey of the frequency dependent latitudinal distribution of the fast magnetosonic wave mode from Van Allen Probes Electric and Magnetic Field Instrument and Integrated Science waveform receiver plasma wave analysis. Journal of Geophysical Research: Space Physics, 2016, 121, 2902-2921.	2.4	63
42	Electronâ€acoustic solitons and double layers in the inner magnetosphere. Geophysical Research Letters, 2017, 44, 4575-4583.	4.0	62
43	Properties of Intense Fieldâ€Aligned Lowerâ€Band Chorus Waves: Implications for Nonlinear Waveâ€Particle Interactions. Journal of Geophysical Research: Space Physics, 2018, 123, 5379-5393.	2.4	62
44	A northâ€south difference in the rotation rate of auroral hiss at Saturn: Comparison to Saturn's kilometric radio emission. Geophysical Research Letters, 2009, 36, .	4.0	61
45	Observations of chorus at Saturn using the Cassini Radio and Plasma Wave Science instrument. Journal of Geophysical Research, 2008, 113, .	3.3	60
46	Nonstorm time dynamics of electron radiation belts observed by the Van Allen Probes. Geophysical Research Letters, 2014, 41, 229-235.	4.0	60
47	Fundamental Plasma Processes in Saturn's Magnetosphere. , 2009, , 281-331.		59
48	Global MHD simulations of Saturn's magnetosphere at the time of Cassini approach. Geophysical Research Letters, 2005, 32, .	4.0	57
49	The science case for an orbital mission to Uranus: Exploring the origins and evolution of ice giant planets. Planetary and Space Science, 2014, 104, 122-140.	1.7	56
50	Generation of unusually low frequency plasmaspheric hiss. Geophysical Research Letters, 2014, 41, 5702-5709.	4.0	56
51	Broadband lowâ€frequency electromagnetic waves in the inner magnetosphere. Journal of Geophysical Research: Space Physics, 2015, 120, 8603-8615.	2.4	56
52	Statistical properties of lowâ€frequency plasmaspheric hiss. Journal of Geophysical Research: Space Physics, 2017, 122, 8340-8352.	2.4	55
53	Characteristic energy range of electron scattering due to plasmaspheric hiss. Journal of Geophysical Research: Space Physics, 2016, 121, 11,737.	2.4	54
54	The Dust Halo of Saturn's Largest Icy Moon, Rhea. Science, 2008, 319, 1380-1384.	12.6	53

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55	Nonlinear Electron Interaction With Intense Chorus Waves: Statistics of Occurrence Rates. Geophysical Research Letters, 2019, 46, 7182-7190.	4.0	53
56	Van Allen Probe observations of periodic rising frequencies of the fast magnetosonic mode. Geophysical Research Letters, 2014, 41, 8161-8168.	4.0	52
57	Prevalent lightning sferics at 600 megahertz near Jupiterâ€™s poles. Nature, 2018, 558, 87-90.	27.8	52
58	Origin of two-band chorus in the radiation belt of Earth. Nature Communications, 2019, 10, 4672.	12.8	52
59	Analysis of plasma waves observed within local plasma injections seen in Saturn's magnetosphere. Journal of Geophysical Research, 2008, 113, .	3.3	51
60	An empirical model of Saturn's bow shock: Cassini observations of shock location and shape. Journal of Geophysical Research, 2008, 113, .	3.3	51
61	The trapping of equatorial magnetosonic waves in the Earth's outer plasmasphere. Geophysical Research Letters, 2014, 41, 6307-6313.	4.0	51
62	Orientation, location, and velocity of Saturn's bow shock: Initial results from the Cassini spacecraft. Journal of Geophysical Research, 2006, 111, .	3.3	50
63	Simulation of energyâ€dependent electron diffusion processes in the Earth's outer radiation belt. Journal of Geophysical Research: Space Physics, 2016, 121, 4217-4231.	2.4	50
64	Uranus and Neptune missions: A study in advance of the next Planetary Science Decadal Survey. Planetary and Space Science, 2019, 177, 104680.	1.7	50
65	Energetic Electron Precipitation: Multievent Analysis of Its Spatial Extent During EMIC Wave Activity. Journal of Geophysical Research: Space Physics, 2019, 124, 2466-2483.	2.4	50
66	Chorus, ECH, and Z mode emissions observed at Jupiter and Saturn and possible electron acceleration. Journal of Geophysical Research, 2012, 117, .	3.3	49
67	Intense duskside lower band chorus waves observed by Van Allen Probes: Generation and potential acceleration effect on radiation belt electrons. Journal of Geophysical Research: Space Physics, 2014, 119, 4266-4273.	2.4	49
68	First evidence for chorus at a large geocentric distance as a source of plasmaspheric hiss: Coordinated THEMIS and Van Allen Probes observation. Geophysical Research Letters, 2015, 42, 241-248.	4.0	48
69	In Situ Observations Connected to the Io Footprint Tail Aurora. Journal of Geophysical Research E: Planets, 2018, 123, 3061-3077.	3.6	48
70	Ion Heating by Electromagnetic Ion Cyclotron Waves and Magnetosonic Waves in the Earth's Inner Magnetosphere. Geophysical Research Letters, 2019, 46, 6258-6267.	4.0	48
71	Phase Decoherence Within Intense Chorus Wave Packets Constrains the Efficiency of Nonlinear Resonant Electron Acceleration. Geophysical Research Letters, 2020, 47, e2020GL089807.	4.0	48
72	VLF chorus emissions observed by Polar during the January 10, 1997, magnetic cloud. Geophysical Research Letters, 1998, 25, 2995-2998.	4.0	47

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73	Cassini evidence for rapid interchange transport at Saturn. Planetary and Space Science, 2009, 57, 1779-1784.	1.7	47
74	Cassini observations of ion and electron beams at Saturn and their relationship to infrared auroral arcs. Journal of Geophysical Research, 2012, 117, .	3.3	47
75	Quasiperpendicular High Mach Number Shocks. Physical Review Letters, 2015, 115, 125001.	7.8	47
76	Beat-type Langmuir wave emissions associated with a type III solar radio burst: Evidence of parametric decay. Geophysical Research Letters, 1995, 22, 1161-1164.	4.0	45
77	Plasma waves observed in the cusp turbulent boundary layer: An analysis of high time resolution wave and particle measurements from the Polar spacecraft. Journal of Geophysical Research, 2001, 106, 19081-19099.	3.3	45
78	Multiscale whistler waves within Earth's perpendicular bow shock. Journal of Geophysical Research, 2012, 117, .	3.3	45
79	The dusk flank of Jupiter's magnetosphere. Nature, 2002, 415, 991-994.	27.8	44
80	Observation of similar radio signatures at Saturn and Jupiter: Implications for the magnetospheric dynamics. Geophysical Research Letters, 2007, 34, .	4.0	41
81	Fine structure of Langmuir waves observed upstream of the bow shock at Venus. Journal of Geophysical Research, 1994, 99, 13363.	3.3	40
82	Cassini and Wind stereoscopic observations of Jovian nonthermal radio emissions: Measurement of beam widths. Journal of Geophysical Research, 2000, 105, 16053-16062.	3.3	40
83	Titan's interaction with the supersonic solar wind. Geophysical Research Letters, 2015, 42, 193-200.	4.0	40
84	Plasmatrough exohiss waves observed by Van Allen Probes: Evidence for leakage from plasmasphere and resonant scattering of radiation belt electrons. Geophysical Research Letters, 2015, 42, 1012-1019.	4.0	40
85	In situ measurements of Saturnâ€™s ionosphere show that it is dynamic and interacts with the rings. Science, 2018, 359, 66-68.	12.6	40
86	In-flight calibration of the Cassini-Radio and Plasma Wave Science (RPWS) antenna system for direction-finding and polarization measurements. Journal of Geophysical Research, 2004, 109, .	3.3	39
87	Cassini UVIS observations of Jupiter's auroral variability. Icarus, 2005, 178, 312-326.	2.5	39
88	Ordering of injection events within Saturnian SLS longitude and local time. Journal of Geophysical Research: Space Physics, 2013, 118, 832-838.	2.4	39
89	Van Allen Probes investigation of the largeâ€scale duskward electric field and its role in ring current formation and plasmasphere erosion in the 1 June 2013 storm. Journal of Geophysical Research: Space Physics, 2015, 120, 4531-4543.	2.4	39
90	Variation in Plasmaspheric Hiss Wave Power With Plasma Density. Geophysical Research Letters, 2018, 45, 9417-9426.	4.0	39

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91	Source locations of narrowband radio emissions detected at Saturn. Journal of Geophysical Research, 2009, 114, .	3.3	38
92	Ultrarelativistic electron butterfly distributions created by parallel acceleration due to magnetosonic waves. Journal of Geophysical Research: Space Physics, 2016, 121, 3212-3222.	2.4	38
93	Quantifying the relative contributions of substorm injections and chorus waves to the rapid outward extension of electron radiation belt. Journal of Geophysical Research: Space Physics, 2014, 119, 10,023.	2.4	37
94	Properties of Whistler Mode Waves in Earth's Plasmasphere and Plumes. Journal of Geophysical Research: Space Physics, 2019, 124, 1035-1051.	2.4	37
95	Quantification of Energetic Electron Precipitation Driven by Plume Whistler Mode Waves, Plasmaspheric Hiss, and Exohiss. Geophysical Research Letters, 2019, 46, 3615-3624.	4.0	37
96	Rapid Frequency Variations Within Intense Chorus Wave Packets. Geophysical Research Letters, 2020, 47, e2020GL088853.	4.0	37
97	Quantifying hissâ€driven energetic electron precipitation: A detailed conjunction event analysis. Geophysical Research Letters, 2014, 41, 1085-1092.	4.0	36
98	Weak kinetic AlfvÃ©n waves turbulence during the 14ÂNovemberÂ2012 geomagnetic storm: Van Allen Probes observations. Journal of Geophysical Research: Space Physics, 2015, 120, 5504-5523.	2.4	36
99	BARREL observations of an ICMEâ€shock impact with the magnetosphere and the resultant radiation belt electron loss. Journal of Geophysical Research: Space Physics, 2015, 120, 2557-2570.	2.4	35
100	A new view of Jupiter's auroral radio spectrum. Geophysical Research Letters, 2017, 44, 7114-7121.	4.0	35
101	Interchange Injections at Saturn: Statistical Survey of Energetic H⁺ Sudden Flux Intensifications. Journal of Geophysical Research: Space Physics, 2018, 123, 4692-4711.	2.4	35
102	A new semiempirical model of Saturn's bow shock based on propagated solar wind parameters. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	34
103	Disappearance of plasmaspheric hiss following interplanetary shock. Geophysical Research Letters, 2015, 42, 3129-3140.	4.0	34
104	Waveâ€Particle Interactions Associated With Io's Auroral Footprint: Evidence of AlfvÃ©n, Ion Cyclotron, and Whistler Modes. Geophysical Research Letters, 2020, 47, e2020GL088432.	4.0	34
105	Using the cold plasma dispersion relation and whistler mode waves to quantify the antenna sheath impedance of the Van Allen Probes EFW instrument. Journal of Geophysical Research: Space Physics, 2016, 121, 4590-4606.	2.4	33
106	Effects of radial motion on interchange injections at Saturn. Icarus, 2016, 264, 342-351.	2.5	33
107	Time Scales for Electron Quasiâ€linear Diffusion by Lowerâ€Band Chorus Waves: The Effects of Ï‰_{pe}/Î©_{ce} Dependence on Geomagnetic Activity. Geophysical Research Letters, 2019, 46, 6178-6187.	4.0	33
108	First whistler observed in the magnetosphere of Saturn. Geophysical Research Letters, 2006, 33, .	4.0	32

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109	Hot flow anomalies at Saturn's bow shock. Journal of Geophysical Research, 2009, 114, .	3.3	32
110	Intense plasma wave emissions associated with Saturn's moon Rhea. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	32
111	Van Allen Probes observations of direct waveâ€particle interactions. Geophysical Research Letters, 2014, 41, 1869-1875.	4.0	32
112	Recurrent pulsations in Saturnâ€™s high latitude magnetosphere. Icarus, 2016, 263, 94-100.	2.5	32
113	Electron beams as the source of whistlerâ€mode auroral hiss at Saturn. Geophysical Research Letters, 2010, 37, .	4.0	31
114	Jovian bow shock and magnetopause encounters by the Juno spacecraft. Geophysical Research Letters, 2017, 44, 4506-4512.	4.0	30
115	Simultaneous observations of Jovian quasi-periodic radio emissions by the Galileo and Cassini spacecraft. Journal of Geophysical Research, 2004, 109, .	3.3	29
116	Understanding the Driver of Energetic Electron Precipitation Using Coordinated Multisatellite Measurements. Geophysical Research Letters, 2018, 45, 6755-6765.	4.0	29
117	Global Survey of Plasma Sheet Electron Precipitation due to Whistler Mode Chorus Waves in Earth's Magnetosphere. Geophysical Research Letters, 2020, 47, e2020GL088798.	4.0	28
118	The Electric and Magnetic Field Instrument Suite and Integrated Science (EMFISIS) on RBSP. , 2013, , 127-181.		28
119	Plasma waves in Jupiter's highâ€latitude regions: Observations from the Juno spacecraft. Geophysical Research Letters, 2017, 44, 4447-4454.	4.0	27
120	Discovery of rapid whistlers close to Jupiter implying lightning rates similar to those on Earth. Nature Astronomy, 2018, 2, 544-548.	10.1	27
121	Unified View of Nonlinear Wave Structures Associated with Whistler-Mode Chorus. Physical Review Letters, 2019, 122, 045101.	7.8	27
122	A survey of Galileo plasma wave instrument observations of Jovian whistler-mode chorus. Annales Geophysicae, 2008, 26, 1819-1828.	1.6	26
123	Excitation of nightside magnetosonic waves observed by Van Allen Probes. Journal of Geophysical Research: Space Physics, 2014, 119, 9125-9133.	2.4	25
124	Plasmapause formation at Saturn. Journal of Geophysical Research: Space Physics, 2015, 120, 2571-2583.	2.4	25
125	Junoâ€UVS approach observations of Jupiter's auroras. Geophysical Research Letters, 2017, 44, 7668-7675.	4.0	25
126	Systematic Evaluation of Lowâ€Frequency Hiss and Energetic Electron Injections. Journal of Geophysical Research: Space Physics, 2017, 122, 10,263-10,274.	2.4	25

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127	Very Oblique Whistler Mode Propagation in the Radiation Belts: Effects of Hot Plasma and Landau Damping. Geophysical Research Letters, 2017, 44, 12,057.	4.0	25
128	AlfvÃ©nic Acceleration Sustains Ganymede's Footprint Tail Aurora. Geophysical Research Letters, 2020, 47, e2019GL086527.	4.0	25
129	An improved sheath impedance model for the Van Allen Probes EFW instrument: Effects of the spin axis antenna. Journal of Geophysical Research: Space Physics, 2017, 122, 4420-4429.	2.4	24
130	Artificial Neural Networks for Determining Magnetospheric Conditions. , 2018, , 279-300.		24
131	Properties of Lightning Generated Whistlers Based on Van Allen Probes Observations and Their Global Effects on Radiation Belt Electron Loss. Geophysical Research Letters, 2020, 47, e2020GL089584.	4.0	24
132	Influence of Saturnian moons on Saturn kilometric radiation. Journal of Geophysical Research, 2007, 112, .	3.3	23
133	Auroral hiss, electron beams and standing AlfvÃ©n wave currents near Saturn's moon Enceladus. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	23
134	Ion composition in interchange injection events in Saturn's magnetosphere. Journal of Geophysical Research: Space Physics, 2014, 119, 9761-9772.	2.4	23
135	Dust detection in space using the monopole and dipole electric field antennas. Journal of Geophysical Research: Space Physics, 2016, 121, 11,964.	2.4	23
136	Bayesian spectral analysis of chorus subelements from the Van Allen Probes. Journal of Geophysical Research: Space Physics, 2017, 122, 6088-6106.	2.4	23
137	Global Survey of Electron Precipitation due to Hiss Waves in the Earthâ€™s Plasmasphere and Plumes. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029644.	2.4	23
138	Ioâ€Jupiter decametric arcs observed by Juno/Waves compared to ExPRES simulations. Geophysical Research Letters, 2017, 44, 9225-9232.	4.0	22
139	The low-frequency source of Saturnâ€™s kilometric radiation. Science, 2018, 362, .	12.6	22
140	Observation and interpretation of energetic ion conics in Jupiter's polar magnetosphere. Geophysical Research Letters, 2017, 44, 4419-4425.	4.0	21
141	Whistler Mode Waves Associated With Broadband Auroral Electron Precipitation at Jupiter. Geophysical Research Letters, 2018, 45, 9372-9379.	4.0	21
142	Van Allen Probes observations linking radiation belt electrons to chorus waves during 2014 multiple storms. Journal of Geophysical Research: Space Physics, 2015, 120, 938-948.	2.4	20
143	Juno observations of largeâ€scale compressions of Jupiter's dawnside magnetopause. Geophysical Research Letters, 2017, 44, 7559-7568.	4.0	20
144	Plasmaspheric Hiss: Coherent and Intense. Journal of Geophysical Research: Space Physics, 2018, 123, 10,009.	2.4	20

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145	Survey analysis of chorus intensity at Saturn. Journal of Geophysical Research: Space Physics, 2014, 119, 8415-8425.	2.4	19
146	Conjugate observations of quasiperiodic emissions by the Cluster, Van Allen Probes, and THEMIS spacecraft. Journal of Geophysical Research: Space Physics, 2016, 121, 7647-7663.	2.4	19
147	Physical mechanism causing rapid changes in ultrarelativistic electron pitch angle distributions right after a shock arrival: Evaluation of an electron dropout event. Journal of Geophysical Research: Space Physics, 2016, 121, 8300-8316.	2.4	19
148	Global Survey and Empirical Model of Fast Magnetosonic Waves Over Their Full Frequency Range in Earth's Inner Magnetosphere. Journal of Geophysical Research: Space Physics, 2019, 124, 10270-10282.	2.4	19
149	Remote sensing of possible plasma density bubbles in the inner Jovian dayside magnetosphere. Journal of Geophysical Research, 2004, 109, .	3.3	18
150	New observations from Cassini and Ulysses of Jovian VLF radio emissions. Journal of Geophysical Research, 2004, 109, .	3.3	18
151	Lowâ€frequency waves in the foreshock of Saturn: First results from Cassini. Journal of Geophysical Research, 2007, 112, .	3.3	18
152	Excitation of electron cyclotron harmonic waves in the inner Saturn magnetosphere within local plasma injections. Journal of Geophysical Research, 2010, 115, .	3.3	18
153	Saturn chorus intensity variations. Journal of Geophysical Research: Space Physics, 2013, 118, 5592-5602.	2.4	18
154	Sustained lobe reconnection in Saturn's magnetotail. Journal of Geophysical Research: Space Physics, 2015, 120, 10,257.	2.4	18
155	A statistical study of whistler waves observed by Van Allen Probes (RBSP) and lightning detected by WWLLN. Journal of Geophysical Research: Space Physics, 2016, 121, 2067-2079.	2.4	18
156	Chorus Wave Modulation of Langmuir Waves in the Radiation Belts. Geophysical Research Letters, 2017, 44, 11,713.	4.0	18
157	Quasiperiodic Whistler Mode Emissions Observed by the Van Allen Probes Spacecraft. Journal of Geophysical Research: Space Physics, 2018, 123, 8969-8982.	2.4	18
158	Determining the Wave Vector Direction of Equatorial Fast Magnetosonic Waves. Geophysical Research Letters, 2018, 45, 7951-7959.	4.0	18
159	Understanding Cassini RPWS Antenna Signals Triggered by Dust Impacts. Geophysical Research Letters, 2019, 46, 10941-10950.	4.0	18
160	Spacedâ€based search coil magnetometers. Journal of Geophysical Research: Space Physics, 2016, 121, 12,068.	2.4	17
161	Understanding the Origin of Jupiter's Diffuse Aurora Using Juno's First Perijove Observations. Geophysical Research Letters, 2017, 44, 10,162.	4.0	17
162	Lightning Contribution to Overall Whistler Mode Wave Intensities in the Plasmasphere. Geophysical Research Letters, 2019, 46, 8607-8616.	4.0	17

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163	First Report of Electron Measurements During a Europa Footprint Tail Crossing by Juno. Geophysical Research Letters, 2020, 47, e2020GL089732.	4.0	17
164	Wave normal and Poynting vector calculations using the Cassini radio and plasma wave instrument. Journal of Geophysical Research, 2001, 106, 30253-30269.	3.3	16
165	High spectral and temporal resolution observations of Saturn kilometric radiation. Geophysical Research Letters, 2005, 32, .	4.0	16
166	Analysis of plasma waves observed in the inner Saturn magnetosphere. Annales Geophysicae, 2008, 26, 2631-2644.	1.6	16
167	Saturn's quasiperiodic magnetohydrodynamic waves. Geophysical Research Letters, 2016, 43, 11,102.	4.0	16
168	Hybrid simulation of Titan's interaction with the supersonic solar wind during Cassini's T96 flyby. Geophysical Research Letters, 2016, 43, 35-42.	4.0	16
169	Dust Observations by the Radio and Plasma Wave Science Instrument During Cassini's Grand Finale. Geophysical Research Letters, 2018, 45, 10,101.	4.0	16
170	Enceladus Auroral Hiss Emissions During Cassini's Grand Finale. Geophysical Research Letters, 2018, 45, 7347-7353.	4.0	16
171	Survey of Jupiter's Dawn Magnetosheath Using Juno. Journal of Geophysical Research: Space Physics, 2019, 124, 9106-9123.	2.4	16
172	Parallel Acceleration of Suprathermal Electrons Caused by Whistlerâ€Mode Hiss Waves. Geophysical Research Letters, 2019, 46, 12675-12684.	4.0	16
173	Global Distribution of Whistler Mode Waves in Jovian Inner Magnetosphere. Geophysical Research Letters, 2020, 47, e2020GL088198.	4.0	16
174	Lifetimes of Relativistic Electrons as Determined From Plasmaspheric Hiss Scattering Rates Statistics: Effects of Ï‰_{pe}/Î©_{ce} and Wave Frequency Dependence on Geomagnetic Activity. Geophysical Research Letters, 2020, 47, e2020GL088052.	4.0	16
175	Energetic Proton Acceleration Associated With Io's Footprint Tail. Geophysical Research Letters, 2020, 47, e2020GL090839.	4.0	16
176	An overview of observations by the Cassini radio and plasma wave investigation at Earth. Journal of Geophysical Research, 2001, 106, 30239-30252.	3.3	15
177	Whistler-mode auroral hiss emissions observed near Saturn's B ring. Journal of Geophysical Research, 2006, 111, .	3.3	15
178	Diffusive Transport of Several Hundred keV Electrons in the Earth's Slot Region. Journal of Geophysical Research: Space Physics, 2017, 122, 10,235.	2.4	15
179	Investigation of Massâ€ÁChargeâ€Ðependent Escape of Energetic Ions Across the Magnetopauses of Earth and Jupiter. Journal of Geophysical Research: Space Physics, 2019, 124, 5539-5567.	2.4	15
180	Directionâ€finding measurements of Jovian lowâ€frequency radio components by Juno near Perijove 1. Geophysical Research Letters, 2017, 44, 6508-6516.	4.0	14

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181	The Cassini Radio and Plasma Wave Investigation. , 2004, , 395-463.		14
182	Saturn kilometric radiation intensities during the Saturn auroral campaign of 2013. Icarus, 2016, 263, 2-9.	2.5	13
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