

George B Hospodarsky

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

242
papers

9,070
citations

46
h-index

84
g-index

275
ext. papers

10,244
ext. citations

5.9
avg, IF

5.68
L-index

#	Paper	IF	Citations
242	The Electric and Magnetic Field Instrument Suite and Integrated Science (EMFISIS) on RBSP. <i>Space Science Reviews</i> , 2013 , 179, 127-181	7.5	760
241	Rapid local acceleration of relativistic radiation-belt electrons by magnetospheric chorus. <i>Nature</i> , 2013 , 504, 411-4	50.4	481
240	The Cassini Radio and Plasma Wave Investigation. <i>Space Science Reviews</i> , 2004 , 114, 395-463	7.5	407
239	Electron densities inferred from plasma wave spectra obtained by the Waves instrument on Van Allen Probes. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 904-914	2.6	303
238	Radio and plasma wave observations at Saturn from Cassini's approach and first orbit. <i>Science</i> , 2005 , 307, 1255-9	33.3	217
237	Chorus source locations from VLF Poynting flux measurements with the Polar spacecraft. <i>Geophysical Research Letters</i> , 1998 , 25, 4063-4066	4.9	176
236	Cassini measurements of cold plasma in the ionosphere of Titan. <i>Science</i> , 2005 , 308, 986-9	33.3	167
235	Control of Jupiter's radio emission and aurorae by the solar wind. <i>Nature</i> , 2002 , 415, 985-7	50.4	150
234	Radiation belt electron acceleration by chorus waves during the 17 March 2013 storm. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 4681-4693	2.6	146
233	Evolution and slow decay of an unusual narrow ring of relativistic electrons near L ~ 3.2 following the September 2012 magnetic storm. <i>Geophysical Research Letters</i> , 2013 , 40, 3507-3511	4.9	137
232	Statistical properties of plasmaspheric hiss derived from Van Allen Probes data and their effects on radiation belt electron dynamics. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 3393-3405	2.6	132
231	The Polar plasma wave instrument. <i>Space Science Reviews</i> , 1995 , 71, 597-622	7.5	130
230	Constructing the global distribution of chorus wave intensity using measurements of electrons by the POES satellites and waves by the Van Allen Probes. <i>Geophysical Research Letters</i> , 2013 , 40, 4526-4532	4.9	119
229	Fine structure of large-amplitude chorus wave packets. <i>Geophysical Research Letters</i> , 2014 , 41, 293-299	4.9	109
228	An unusual enhancement of low-frequency plasmaspheric hiss in the outer plasmasphere associated with substorm-injected electrons. <i>Geophysical Research Letters</i> , 2013 , 40, 3798-3803	4.9	105
227	Resonant scattering of energetic electrons by unusual low-frequency hiss. <i>Geophysical Research Letters</i> , 2014 , 41, 1854-1861	4.9	95
226	Jupiter's magnetosphere and aurorae observed by the Juno spacecraft during its first polar orbits. <i>Science</i> , 2017 , 356, 826-832	33.3	93

225	Fine structure of Langmuir waves produced by a solar electron event. <i>Journal of Geophysical Research</i> , 1993 , 98, 5631-5637		84
224	Electron scattering by magnetosonic waves in the inner magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 274-285	2.6	82
223	Chorus acceleration of radiation belt relativistic electrons during March 2013 geomagnetic storm. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 3325-3332	2.6	82
222	Detection of dusty plasma near the E-ring of Saturn. <i>Planetary and Space Science</i> , 2009 , 57, 1795-1806	2	81
221	Whistler anisotropy instabilities as the source of banded chorus: Van Allen Probes observations and particle-in-cell simulations. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 8288-8298	2.6	77
220	The Juno Waves Investigation. <i>Space Science Reviews</i> , 2017 , 213, 347-392	7.5	74
219	Formation of energetic electron butterfly distributions by magnetosonic waves via Landau resonance. <i>Geophysical Research Letters</i> , 2016 , 43, 3009-3016	4.9	73
218	Ion conics and electron beams associated with auroral processes on Saturn. <i>Journal of Geophysical Research</i> , 2009 , 114, n/a-n/a		72
217	Non-detection at Venus of high-frequency radio signals characteristic of terrestrial lightning. <i>Nature</i> , 2001 , 409, 313-5	50.4	72
216	New chorus wave properties near the equator from Van Allen Probes wave observations. <i>Geophysical Research Letters</i> , 2016 , 43, 4725-4735	4.9	70
215	The inner magnetosphere of Saturn: Cassini RPWS cold plasma results from the first encounter. <i>Geophysical Research Letters</i> , 2005 , 32,	4.9	66
214	Global-scale coherence modulation of radiation-belt electron loss from plasmaspheric hiss. <i>Nature</i> , 2015 , 523, 193-5	50.4	65
213	Equatorial electron density measurements in Saturn's inner magnetosphere. <i>Geophysical Research Letters</i> , 2005 , 32,	4.9	64
212	Modeling inward diffusion and slow decay of energetic electrons in the Earth's outer radiation belt. <i>Geophysical Research Letters</i> , 2015 , 42, 987-995	4.9	63
211	Synthetic Empirical Chorus Wave Model From Combined Van Allen Probes and Cluster Statistics. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 297-314	2.6	61
210	Unraveling the excitation mechanisms of highly oblique lower band chorus waves. <i>Geophysical Research Letters</i> , 2016 , 43, 8867-8875	4.9	58
209	A north-south difference in the rotation rate of auroral hiss at Saturn: Comparison to Saturn's kilometric radio emission. <i>Geophysical Research Letters</i> , 2009 , 36,	4.9	57
208	Fundamental Plasma Processes in Saturn's Magnetosphere 2009 , 281-331		57

207	Global MHD simulations of Saturn's magnetosphere at the time of Cassini approach. <i>Geophysical Research Letters</i> , 2005 , 32,	4.9	55
206	Evidence of stronger pitch angle scattering loss caused by oblique whistler-mode waves as compared with quasi-parallel waves. <i>Geophysical Research Letters</i> , 2014 , 41, 6063-6070	4.9	54
205	Quantitative Evaluation of Radial Diffusion and Local Acceleration Processes During GEM Challenge Events. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 1938-1952	2.6	53
204	Observations of chorus at Saturn using the Cassini Radio and Plasma Wave Science instrument. <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		53
203	Observations of kinetic scale field line resonances. <i>Geophysical Research Letters</i> , 2014 , 41, 209-215	4.9	52
202	A novel technique to construct the global distribution of whistler mode chorus wave intensity using low-altitude POES electron data. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 5685-5699	2.6	52
201	Radiation belt electron acceleration during the 17 March 2015 geomagnetic storm: Observations and simulations. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 5520-5536	2.6	52
200	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. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 2902-2921	2.6	50
199	The dust halo of Saturn's largest icy moon, Rhea. <i>Science</i> , 2008 , 319, 1380-4	33.3	50
198	Nonstorm time dynamics of electron radiation belts observed by the Van Allen Probes. <i>Geophysical Research Letters</i> , 2014 , 41, 229-235	4.9	49
197	Van Allen Probe observations of periodic rising frequencies of the fast magnetosonic mode. <i>Geophysical Research Letters</i> , 2014 , 41, 8161-8168	4.9	48
196	Orientation, location, and velocity of Saturn's bow shock: Initial results from the Cassini spacecraft. <i>Journal of Geophysical Research</i> , 2006 , 111,		46
195	Generation of unusually low frequency plasmaspheric hiss. <i>Geophysical Research Letters</i> , 2014 , 41, 5702-5709	4.9	44
194	Cassini observations of ion and electron beams at Saturn and their relationship to infrared auroral arcs. <i>Journal of Geophysical Research</i> , 2012 , 117,		44
193	Cassini evidence for rapid interchange transport at Saturn. <i>Planetary and Space Science</i> , 2009 , 57, 1779-1784		44
192	An empirical model of Saturn's bow shock: Cassini observations of shock location and shape. <i>Journal of Geophysical Research</i> , 2008 , 113,		44
191	Direct evidence for EMIC wave scattering of relativistic electrons in space. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 6620-6631	2.6	44
190	Electron-acoustic solitons and double layers in the inner magnetosphere. <i>Geophysical Research Letters</i> , 2017 , 44, 4575-4583	4.9	43

189	Analysis of plasma waves observed within local plasma injections seen in Saturn's magnetosphere. <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		43
188	VLF chorus emissions observed by Polar during the January 10, 1997, magnetic cloud. <i>Geophysical Research Letters</i> , 1998 , 25, 2995-2998	4.9	43
187	Broadband low-frequency electromagnetic waves in the inner magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 8603-8615	2.6	42
186	Intense duskside lower band chorus waves observed by Van Allen Probes: Generation and potential acceleration effect on radiation belt electrons. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 4266-4273	2.6	42
185	Beat-type Langmuir wave emissions associated with a type III solar radio burst: Evidence of parametric decay. <i>Geophysical Research Letters</i> , 1995 , 22, 1161-1164	4.9	42
184	The trapping of equatorial magnetosonic waves in the Earth's outer plasmasphere. <i>Geophysical Research Letters</i> , 2014 , 41, 6307-6313	4.9	41
183	Quasiperpendicular High Mach Number Shocks. <i>Physical Review Letters</i> , 2015 , 115, 125001	7.4	41
182	The science case for an orbital mission to Uranus: Exploring the origins and evolution of ice giant planets. <i>Planetary and Space Science</i> , 2014 , 104, 122-140	2	41
181	Chorus, ECH, and Z mode emissions observed at Jupiter and Saturn and possible electron acceleration. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		40
180	The dusk flank of Jupiter's magnetosphere. <i>Nature</i> , 2002 , 415, 991-4	50.4	40
179	Statistical distribution of EMIC wave spectra: Observations from Van Allen Probes. <i>Geophysical Research Letters</i> , 2016 , 43, 12,348	4.9	40
178	Statistical properties of low-frequency plasmaspheric hiss. <i>Journal of Geophysical Research: Space Physics</i> , 2017 , 122, 8340-8352	2.6	39
177	First evidence for chorus at a large geocentric distance as a source of plasmaspheric hiss: Coordinated THEMIS and Van Allen Probes observation. <i>Geophysical Research Letters</i> , 2015 , 42, 241-248	4.9	39
176	Characteristic energy range of electron scattering due to plasmaspheric hiss. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 11,737	2.6	39
175	Properties of Intense Field-Aligned Lower-Band Chorus Waves: Implications for Nonlinear Wave-Particle Interactions. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 5379-5393	2.6	37
174	Ordering of injection events within Saturnian SLS longitude and local time. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 832-838	2.6	37
173	Cassini UVIS observations of Jupiter's auroral variability. <i>Icarus</i> , 2005 , 178, 312-326	3.8	37
172	Observation of similar radio signatures at Saturn and Jupiter: Implications for the magnetospheric dynamics. <i>Geophysical Research Letters</i> , 2007 , 34,	4.9	36

171	Prevalent lightning sferics at 600 megahertz near Jupiter's poles. <i>Nature</i> , 2018 , 558, 87-90	50.4	35
170	In-flight calibration of the Cassini-Radio and Plasma Wave Science (RPWS) antenna system for direction-finding and polarization measurements. <i>Journal of Geophysical Research</i> , 2004 , 109,		35
169	Titan's interaction with the supersonic solar wind. <i>Geophysical Research Letters</i> , 2015 , 42, 193-200	4.9	34
168	Plasmatrough exohiss waves observed by Van Allen Probes: Evidence for leakage from plasmasphere and resonant scattering of radiation belt electrons. <i>Geophysical Research Letters</i> , 2015 , 42, 1012-1019	4.9	34
167	Cassini and Wind stereoscopic observations of Jovian nonthermal radio emissions: Measurement of beam widths. <i>Journal of Geophysical Research</i> , 2000 , 105, 16053-16062		34
166	Plasma waves observed in the cusp turbulent boundary layer: An analysis of high time resolution wave and particle measurements from the Polar spacecraft. <i>Journal of Geophysical Research</i> , 2001 , 106, 19081-19099		34
165	Fine structure of Langmuir waves observed upstream of the bow shock at Venus. <i>Journal of Geophysical Research</i> , 1994 , 99, 13363		34
164	Simulation of energy-dependent electron diffusion processes in the Earth's outer radiation belt. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 4217-4231	2.6	34
163	Quantifying hiss-driven energetic electron precipitation: A detailed conjunction event analysis. <i>Geophysical Research Letters</i> , 2014 , 41, 1085-1092	4.9	33
162	In situ measurements of Saturn's ionosphere show that it is dynamic and interacts with the rings. <i>Science</i> , 2018 , 359, 66-68	33.3	33
161	Van Allen Probes investigation of the large-scale duskward electric field and its role in ring current formation and plasmasphere erosion in the 1 June 2013 storm. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 4531-4543	2.6	32
160	Uranus and Neptune missions: A study in advance of the next Planetary Science Decadal Survey. <i>Planetary and Space Science</i> , 2019 , 177, 104680	2	31
159	Energetic Electron Precipitation: Multievent Analysis of Its Spatial Extent During EMIC Wave Activity. <i>Journal of Geophysical Research: Space Physics</i> , 2019 , 124, 2466-2483	2.6	31
158	Recurrent pulsations in Saturn's high latitude magnetosphere. <i>Icarus</i> , 2016 , 263, 94-100	3.8	31
157	Multiscale whistler waves within Earth's perpendicular bow shock. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		31
156	Ultrarelativistic electron butterfly distributions created by parallel acceleration due to magnetosonic waves. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 3212-3222	2.6	31
155	Source locations of narrowband radio emissions detected at Saturn. <i>Journal of Geophysical Research</i> , 2009 , 114, n/a-n/a		30
154	Effects of radial motion on interchange injections at Saturn. <i>Icarus</i> , 2016 , 264, 342-351	3.8	29

153	Nonlinear Electron Interaction With Intense Chorus Waves: Statistics of Occurrence Rates. <i>Geophysical Research Letters</i> , 2019 , 46, 7182-7190	4.9	29
152	Origin of two-band chorus in the radiation belt of Earth. <i>Nature Communications</i> , 2019 , 10, 4672	17.4	29
151	Disappearance of plasmaspheric hiss following interplanetary shock. <i>Geophysical Research Letters</i> , 2015 , 42, 3129-3140	4.9	29
150	A new semiempirical model of Saturn's bow shock based on propagated solar wind parameters. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		29
149	Electron beams as the source of whistler-mode auroral hiss at Saturn. <i>Geophysical Research Letters</i> , 2010 , 37, n/a-n/a	4.9	29
148	BARREL observations of an ICME-shock impact with the magnetosphere and the resultant radiation belt electron loss. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 2557-2570	2.6	28
147	Weak kinetic Alfvén waves turbulence during the 14 November 2012 geomagnetic storm: Van Allen Probes observations. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 5504-5523	2.6	28
146	Injection, Interchange, and Reconnection. <i>Geophysical Monograph Series</i> , 2015 , 327-343	1.1	28
145	Hot flow anomalies at Saturn's bow shock. <i>Journal of Geophysical Research</i> , 2009 , 114, n/a-n/a		28
144	A new view of Jupiter's auroral radio spectrum. <i>Geophysical Research Letters</i> , 2017 , 44, 7114-7121	4.9	27
143	In Situ Observations Connected to the Io Footprint Tail Aurora. <i>Journal of Geophysical Research E: Planets</i> , 2018 , 123, 3061-3077	4.1	27
142	Properties of Whistler Mode Waves in Earth's Plasmasphere and Plumes. <i>Journal of Geophysical Research: Space Physics</i> , 2019 , 124, 1035-1051	2.6	26
141	Van Allen Probes observations of direct wave-particle interactions. <i>Geophysical Research Letters</i> , 2014 , 41, 1869-1875	4.9	26
140	Intense plasma wave emissions associated with Saturn's moon Rhea. <i>Geophysical Research Letters</i> , 2011 , 38, n/a-n/a	4.9	26
139	First whistler observed in the magnetosphere of Saturn. <i>Geophysical Research Letters</i> , 2006 , 33,	4.9	26
138	Simultaneous observations of Jovian quasi-periodic radio emissions by the Galileo and Cassini spacecraft. <i>Journal of Geophysical Research</i> , 2004 , 109,		26
137	Interchange Injections at Saturn: Statistical Survey of Energetic H ⁺ Sudden Flux Intensifications. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 4692-4711	2.6	26
136	Plasma waves in Jupiter's high-latitude regions: Observations from the Juno spacecraft. <i>Geophysical Research Letters</i> , 2017 , 44, 4447-4454	4.9	25

135	Quantifying the relative contributions of substorm injections and chorus waves to the rapid outward extension of electron radiation belt. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 10,023	2.6	25
134	A survey of Galileo plasma wave instrument observations of Jovian whistler-mode chorus. <i>Annales Geophysicae</i> , 2008 , 26, 1819-1828	2	25
133	Ion Heating by Electromagnetic Ion Cyclotron Waves and Magnetosonic Waves in the Earth's Inner Magnetosphere. <i>Geophysical Research Letters</i> , 2019 , 46, 6258-6267	4.9	24
132	Plasmapause formation at Saturn. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 2571-2583	2.6	23
131	Systematic Evaluation of Low-Frequency Hiss and Energetic Electron Injections. <i>Journal of Geophysical Research: Space Physics</i> , 2017 , 122, 10,263-10,274	2.6	22
130	Ion composition in interchange injection events in Saturn's magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 9761-9772	2.6	22
129	Excitation of nightside magnetosonic waves observed by Van Allen Probes. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 9125-9133	2.6	22
128	The Electric and Magnetic Field Instrument Suite and Integrated Science (EMFISIS) on RBSP 2013 , 127-181		22
127	Using the cold plasma dispersion relation and whistler mode waves to quantify the antenna sheath impedance of the Van Allen Probes EFW instrument. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 4590-4606	2.6	22
126	Influence of Saturnian moons on Saturn kilometric radiation. <i>Journal of Geophysical Research</i> , 2007 , 112, n/a-n/a		21
125	Dust detection in space using the monopole and dipole electric field antennas. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 11,964-11,972	2.6	21
124	Variation in Plasmaspheric Hiss Wave Power With Plasma Density. <i>Geophysical Research Letters</i> , 2018 , 45, 9417-9426	4.9	21
123	Quantification of Energetic Electron Precipitation Driven by Plume Whistler Mode Waves, Plasmaspheric Hiss, and Exohiss. <i>Geophysical Research Letters</i> , 2019 , 46, 3615-3624	4.9	20
122	Understanding the Driver of Energetic Electron Precipitation Using Coordinated Multisatellite Measurements. <i>Geophysical Research Letters</i> , 2018 , 45, 6755-6765	4.9	20
121	Auroral hiss, electron beams and standing Alfvén wave currents near Saturn's moon Enceladus. <i>Geophysical Research Letters</i> , 2011 , 38, n/a-n/a	4.9	20
120	Bayesian spectral analysis of chorus subelements from the Van Allen Probes. <i>Journal of Geophysical Research: Space Physics</i> , 2017 , 122, 6088-6106	2.6	19
119	Juno-UVS approach observations of Jupiter's auroras. <i>Geophysical Research Letters</i> , 2017 , 44, 7668-7675	4.9	19
118	Observation and interpretation of energetic ion conics in Jupiter's polar magnetosphere. <i>Geophysical Research Letters</i> , 2017 , 44, 4419-4425	4.9	18

117	Jovian bow shock and magnetopause encounters by the Juno spacecraft. <i>Geophysical Research Letters</i> , 2017 , 44, 4506-4512	4.9	18
116	Unified View of Nonlinear Wave Structures Associated with Whistler-Mode Chorus. <i>Physical Review Letters</i> , 2019 , 122, 045101	7.4	18
115	Sustained lobe reconnection in Saturn's magnetotail. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 10,257-10,274	2.6	18
114	Remote sensing of possible plasma density bubbles in the inner Jovian dayside magnetosphere. <i>Journal of Geophysical Research</i> , 2004 , 109,		18
113	Phase Decoherence Within Intense Chorus Wave Packets Constrains the Efficiency of Nonlinear Resonant Electron Acceleration. <i>Geophysical Research Letters</i> , 2020 , 47, e2020GL089807	4.9	18
112	Understanding Cassini RPWS Antenna Signals Triggered by Dust Impacts. <i>Geophysical Research Letters</i> , 2019 , 46, 10941-10950	4.9	17
111	Discovery of rapid whistlers close to Jupiter implying lightning rates similar to those on Earth. <i>Nature Astronomy</i> , 2018 , 2, 544-548	12.1	17
110	New observations from Cassini and Ulysses of Jovian VLF radio emissions. <i>Journal of Geophysical Research</i> , 2004 , 109,		17
109	An improved sheath impedance model for the Van Allen Probes EFW instrument: Effects of the spin axis antenna. <i>Journal of Geophysical Research: Space Physics</i> , 2017 , 122, 4420-4429	2.6	16
108	Survey analysis of chorus intensity at Saturn. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 8415-8425	2.6	16
107	Wave normal and Poynting vector calculations using the Cassini radio and plasma wave instrument. <i>Journal of Geophysical Research</i> , 2001 , 106, 30253-30269		16
106	Chorus Wave Modulation of Langmuir Waves in the Radiation Belts. <i>Geophysical Research Letters</i> , 2017 , 44, 11,713-11,721	4.9	15
105	Wave-Particle Interactions Associated With Io's Auroral Footprint: Evidence of Alfvén, Ion Cyclotron, and Whistler Modes. <i>Geophysical Research Letters</i> , 2020 , 47, e2020GL088432	4.9	15
104	Rapid Frequency Variations Within Intense Chorus Wave Packets. <i>Geophysical Research Letters</i> , 2020 , 47, e2020GL088853	4.9	15
103	Saturn's quasiperiodic magnetohydrodynamic waves. <i>Geophysical Research Letters</i> , 2016 , 43, 11,102	4.9	15
102	Io-Jupiter decametric arcs observed by Juno/Waves compared to ExPRES simulations. <i>Geophysical Research Letters</i> , 2017 , 44, 9225-9232	4.9	14
101	Alfvénic Acceleration Sustains Ganymede's Footprint Tail Aurora. <i>Geophysical Research Letters</i> , 2020 , 47, e2019GL086527	4.9	14
100	Conjugate observations of quasiperiodic emissions by the Cluster, Van Allen Probes, and THEMIS spacecraft. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 7647-7663	2.6	14

99	Physical mechanism causing rapid changes in ultrarelativistic electron pitch angle distributions right after a shock arrival: Evaluation of an electron dropout event. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 8300-8316	2.6	14
98	Determining the Wave Vector Direction of Equatorial Fast Magnetosonic Waves. <i>Geophysical Research Letters</i> , 2018 , 45, 7951-7959	4.9	14
97	Juno observations of large-scale compressions of Jupiter's dawnside magnetopause. <i>Geophysical Research Letters</i> , 2017 , 44, 7559-7568	4.9	14
96	Van Allen Probes observations linking radiation belt electrons to chorus waves during 2014 multiple storms. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 938-948	2.6	14
95	Saturn chorus intensity variations. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 5592-5602	2.6	14
94	Excitation of electron cyclotron harmonic waves in the inner Saturn magnetosphere within local plasma injections. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		14
93	Low-frequency waves in the foreshock of Saturn: First results from Cassini. <i>Journal of Geophysical Research</i> , 2007 , 112, n/a-n/a		14
92	High spectral and temporal resolution observations of Saturn kilometric radiation. <i>Geophysical Research Letters</i> , 2005 , 32,	4.9	14
91	Spaced-based search coil magnetometers. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 12,068-12,079	2.6	14
90	Time Scales for Electron Quasi-linear Diffusion by Lower-Band Chorus Waves: The Effects of β_e/β_e Dependence on Geomagnetic Activity. <i>Geophysical Research Letters</i> , 2019 , 46, 6178-6187	4.9	13
89	Hybrid simulation of Titan's interaction with the supersonic solar wind during Cassini's T96 flyby. <i>Geophysical Research Letters</i> , 2016 , 43, 35-42	4.9	13
88	Very Oblique Whistler Mode Propagation in the Radiation Belts: Effects of Hot Plasma and Landau Damping. <i>Geophysical Research Letters</i> , 2017 , 44, 12,057	4.9	13
87	Analysis of plasma waves observed in the inner Saturn magnetosphere. <i>Annales Geophysicae</i> , 2008 , 26, 2631-2644	2	13
86	Whistler-mode auroral hiss emissions observed near Saturn's B ring. <i>Journal of Geophysical Research</i> , 2006 , 111,		13
85	An overview of observations by the Cassini radio and plasma wave investigation at Earth. <i>Journal of Geophysical Research</i> , 2001 , 106, 30239-30252		13
84	Global Survey of Plasma Sheet Electron Precipitation due to Whistler Mode Chorus Waves in Earth's Magnetosphere. <i>Geophysical Research Letters</i> , 2020 , 47, e2020GL088798	4.9	13
83	Plasmaspheric Hiss: Coherent and Intense. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 10,009-10,029	2.6	13
82	Dust Observations by the Radio and Plasma Wave Science Instrument During Cassini's Grand Finale. <i>Geophysical Research Letters</i> , 2018 , 45, 10,101-10,109	4.9	13

81	The low-frequency source of Saturn's kilometric radiation. <i>Science</i> , 2018 , 362,	33.3	13
80	Quasiperiodic Whistler Mode Emissions Observed by the Van Allen Probes Spacecraft. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 8969-8982	2.6	13
79	Whistler Mode Waves Associated With Broadband Auroral Electron Precipitation at Jupiter. <i>Geophysical Research Letters</i> , 2018 , 45, 9372-9379	4.9	13
78	Understanding the Origin of Jupiter's Diffuse Aurora Using Juno's First Perijove Observations. <i>Geophysical Research Letters</i> , 2017 , 44, 10,162-10,170	4.9	12
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