

Kazue Takahashi

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192 papers	7,191 citations	46 h-index	75 g-index
204 ext. papers	7,700 ext. citations	3.6 avg, IF	5.43 L-index

#	Paper	IF	Citations
192	Current disruptions in the near-Earth neutral sheet region. <i>Journal of Geophysical Research</i> , 1992 , 97, 1461		290
191	High-speed ion flow, substorm current wedge, and multiple Pi 2 pulsations. <i>Journal of Geophysical Research</i> , 1998 , 103, 4491-4507		226
190	The magnetospheric response to 8-minute period strong-amplitude upstream pressure variations. <i>Journal of Geophysical Research</i> , 1989 , 94, 2505		211
189	ISEE 1 and 2 observations of ion distributions at the plasma sheet-tail lobe boundary. <i>Journal of Geophysical Research</i> , 1988 , 93, 8558		172
188	Sensing global Birkeland currents with iridium- η engineering magnetometer data. <i>Geophysical Research Letters</i> , 2000 , 27, 4045-4048	4.9	170
187	Disruption of the magnetotail current sheet observed by AMPTE/CCE. <i>Geophysical Research Letters</i> , 1987 , 14, 1019-1022	4.9	160
186	Comprehensive study of the magnetospheric response to a hot flow anomaly. <i>Journal of Geophysical Research</i> , 1999 , 104, 4577-4593		146
185	Harmonic structure of Pc 3 $\frac{1}{2}$ pulsations. <i>Journal of Geophysical Research</i> , 1982 , 87, 1504-1516		140
184	Rapid scattering of radiation belt electrons by storm-time EMIC waves. <i>Geophysical Research Letters</i> , 2010 , 37, n/a-n/a	4.9	123
183	Distribution of ULF energy (η). <i>Journal of Geophysical Research</i> , 1992 , 97, 10751		116
182	Excitation of poloidal standing Alfvén waves through drift resonance wave-particle interaction. <i>Geophysical Research Letters</i> , 2013 , 40, 4127-4132	4.9	115
181	Initial signatures of magnetic field and energetic particle fluxes at tail Reconfiguration: Explosive growth phase. <i>Journal of Geophysical Research</i> , 1992 , 97, 19311		115
180	Morphology of the ring current derived from magnetic field observations. <i>Annales Geophysicae</i> , 2004 , 22, 1267-1295	2	113
179	Statistical analysis of Pi 2 pulsations observed by the AMPTE CCE Spacecraft in the inner magnetosphere. <i>Journal of Geophysical Research</i> , 1995 , 100, 21929-21941		113
178	Van Allen Probes observation of localized drift resonance between poloidal mode ultra-low frequency waves and 60 keV electrons. <i>Geophysical Research Letters</i> , 2013 , 40, 4491-4497	4.9	108
177	Distribution of density along magnetospheric field lines. <i>Journal of Geophysical Research</i> , 2006 , 111,		105
176	Ion flux oscillations associated with a radially polarized transverse Pc 5 magnetic pulsation. <i>Journal of Geophysical Research</i> , 1990 , 95, 3717		104

175	Azimuthal propagation and frequency characteristic of compressional Pc 5 waves observed at geostationary orbit. <i>Journal of Geophysical Research</i> , 1985 , 90, 1473		103
174	Global characteristics of electromagnetic ion cyclotron waves: Occurrence rate and its storm dependence. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 4135-4150	2.6	99
173	The Earth's magnetosphere under continued forcing: Substorm activity during the passage of an interplanetary magnetic cloud. <i>Journal of Geophysical Research</i> , 1993 , 98, 7657-7671		96
172	Kp forecast models. <i>Journal of Geophysical Research</i> , 2005 , 110,		87
171	Energetic electron injections deep into the inner magnetosphere associated with substorm activity. <i>Geophysical Research Letters</i> , 2015 , 42, 2079-2087	4.9	85
170	Multisatellite and ground-based observations of transient ULF waves. <i>Journal of Geophysical Research</i> , 1989 , 94, 2543		85
169	Review of Pi2 Models. <i>Space Science Reviews</i> , 2011 , 161, 63-148	7.5	83
168	Dependence of the spectrum of Pc 3-4 pulsations on the interplanetary magnetic field. <i>Journal of Geophysical Research</i> , 1984 , 89, 2770		83
167	ISEE-1 and 2 observations of magnetic flux ropes in the magnetotail: FTE's in the plasma sheet?. <i>Geophysical Research Letters</i> , 1986 , 13, 648-651	4.9	83
166	AMPTE/CCE-SCATHA simultaneous observations of substorm-associated magnetic fluctuations. <i>Journal of Geophysical Research</i> , 1998 , 103, 4671-4682		80
165	Evaluation of low-latitude Pi2 pulsations as indicators of substorm onset using Polar ultraviolet imagery. <i>Journal of Geophysical Research</i> , 2000 , 105, 2495-2505		79
164	Multispacecraft observations of the harmonic structure of Pc 3-4 magnetic pulsations. <i>Journal of Geophysical Research</i> , 1984 , 89, 6758		75
163	Field-aligned structure of the storm time Pc 5 wave of November 14-15, 1979. <i>Journal of Geophysical Research</i> , 1987 , 92, 5857		73
162	Radial transport of radiation belt electrons due to stormtime Pc5 waves. <i>Annales Geophysicae</i> , 2009 , 27, 2173-2181	2	71
161	A multisatellite study of a pseudo-substorm onset in the near-Earth magnetotail. <i>Journal of Geophysical Research</i> , 1993 , 98, 19355-19367		69
160	Initial GEOTAIL survey of magnetic substorm signatures in the magnetotail. <i>Geophysical Research Letters</i> , 1994 , 21, 2991-2994	4.9	69
159	Solar wind control of Pc5 pulsation power at geosynchronous orbit. <i>Journal of Geophysical Research</i> , 2007 , 112, n/a-n/a		67
158	Magnetic fluctuations associated with tail current disruption: Fractal analysis. <i>Journal of Geophysical Research</i> , 1995 , 100, 19135		67

157	CRRES electric field study of the radial mode structure of Pi2 pulsations. <i>Journal of Geophysical Research</i> , 2003 , 108,		66
156	Birkeland current system key parameters derived from Iridium observations: Method and initial validation results. <i>Journal of Geophysical Research</i> , 2002 , 107, SMP 11-1		66
155	On the relationship between the energetic particle flux morphology and the change in the magnetic field magnitude during substorms. <i>Journal of Geophysical Research</i> , 1989 , 94, 17105		66
154	Impact of toroidal ULF waves on the outer radiation belt electrons. <i>Journal of Geophysical Research</i> , 2005 , 110,		64
153	Frequencies of standing Alfvén wave harmonics and their implication for plasma mass distribution along geomagnetic field lines: Statistical analysis of CRRES data. <i>Journal of Geophysical Research</i> , 2004 , 109,		62
152	Impact of ULF oscillations in solar wind dynamic pressure on the outer radiation belt electrons. <i>Geophysical Research Letters</i> , 2006 , 33,	4.9	57
151	Poloidal ULF wave observed in the plasmasphere boundary layer. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 4298-4307	2.6	56
150	Storm time occurrence and spatial distribution of Pc4 poloidal ULF waves in the inner magnetosphere: A Van Allen Probes statistical study. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 4748-4762	2.6	50
149	ULF waves in the low-latitude boundary layer and their relationship to magnetospheric pulsations: A multisatellite observation. <i>Journal of Geophysical Research</i> , 1991 , 96, 9503		50
148	Mass density inferred from toroidal wave frequencies and its comparison to electron density. <i>Journal of Geophysical Research</i> , 2006 , 111,		49
147	Some aspects of the relation between Pi 1-2 magnetic pulsations observed at L = 1.3-2.1 on the ground and substorm-associated magnetic field variations in the near-Earth magnetotail observed by AMPTE CCE. <i>Journal of Geophysical Research</i> , 1989 , 94, 3611		48
146	CRRES observation of Pi2 pulsations: Wave mode inside and outside the plasmasphere. <i>Journal of Geophysical Research</i> , 2001 , 106, 15567-15581		46
145	AMPTE CCE observations of Pi 2 pulsations in the inner magnetosphere. <i>Geophysical Research Letters</i> , 1992 , 19, 1447-1450	4.9	45
144	Pi2 pulsations observed from the Akebono satellite in the plasmasphere. <i>Journal of Geophysical Research</i> , 1998 , 103, 17605-17615		44
143	Observation and theory of Pc 5 waves with harmonically related transverse and compressional components. <i>Journal of Geophysical Research</i> , 1990 , 95, 977		43
142	Survey of transient magnetic field events in the dayside magnetosphere. <i>Journal of Geophysical Research</i> , 1992 , 97, 10677		42
141	Solar cycle variation of geosynchronous plasma mass density derived from the frequency of standing Alfvén waves. <i>Journal of Geophysical Research</i> , 2010 , 115,		41
140	AMPTE CCE observations of Pc 3-4 pulsations at L = 2-3. <i>Journal of Geophysical Research</i> , 1990 , 95, 17179		41

139	Detection of ultralow-frequency cavity modes using spacecraft data. <i>Journal of Geophysical Research</i> , 2002 , 107, SMP 7-1		40
138	Ion composition of the near-Earth plasma sheet in storm and quiet intervals: Geotail/EPIC measurements. <i>Journal of Geophysical Research</i> , 2001 , 106, 8391-8403		40
137	Factors controlling the occurrence of Pc 3 magnetic pulsations at synchronous orbit. <i>Journal of Geophysical Research</i> , 1981 , 86, 5472		40
136	Tail Current Disruption in the Geosynchronous Region. <i>Geophysical Monograph Series</i> , 2013 , 131-137	1.1	39
135	Multisatellite observations of a giant pulsation event. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		38
134	Oxygen torus in the deep inner magnetosphere and its contribution to recurrent process of O ⁺ -rich ring current formation. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		38
133	Multisatellite study of nightside transient toroidal waves. <i>Journal of Geophysical Research</i> , 1996 , 101, 24815-24825		38
132	Pc1 pulsations observed by AMPTE/CCE in the Earth's outer magnetosphere. <i>Geophysical Research Letters</i> , 1990 , 17, 1853-1856	4.9	37
131	Correlated Pc4B ULF waves, whistler-mode chorus, and pulsating aurora observed by the Van Allen Probes and ground-based systems. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 8749-8761	2.6	35
130	Multiple ground-based and satellite observations of global Pi 2 magnetic pulsations. <i>Journal of Geophysical Research</i> , 1990 , 95, 15175		35
129	Statistical analysis of compressional Pc3B pulsations observed by AMPTE CCE at L = 2B in the dayside magnetosphere. <i>Journal of Geophysical Research</i> , 1999 , 104, 4539-4558		34
128	Global observations of magnetospheric high- poloidal waves during the 22 June 2015 magnetic storm. <i>Geophysical Research Letters</i> , 2017 , 44, 3456-3464	4.9	33
127	Externally driven plasmaspheric ULF waves observed by the Van Allen Probes. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 526-552	2.6	32
126	Magnetospheric toroidal Alfvén wave harmonics and the field line distribution of mass density. <i>Journal of Geophysical Research</i> , 2004 , 109,		32
125	Multipoint observations of a Pi2 pulsation on morningside: The 20 September 1995 event. <i>Journal of Geophysical Research</i> , 2003 , 108,		32
124	Toroidal wave frequency at L = 6B0: Active Magnetospheric Particle Tracer Explorers/CCE observations and comparison with theoretical model. <i>Journal of Geophysical Research</i> , 2002 , 107, SMP 2-1-SMP 2-14		32
123	Van Allen Probes Observations of Second Harmonic Poloidal Standing Alfvén Waves. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 611-637	2.6	31
122	Ion composition in the plasma trough and plasma plume derived from a Combined Release and Radiation Effects Satellite magnetoseismic study. <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		31

121	Observation and modeling of compressional Pi 3 magnetic pulsations. <i>Journal of Geophysical Research</i> , 1995 , 100, 12103		31
120	AMPTE/CCE observations of substorm-associated standing Alfvén waves in the midnight sector. <i>Geophysical Research Letters</i> , 1988 , 15, 1287-1290	4.9	31
119	Substorm variations in the magnitude of the magnetic field: AMPTE/CCE observations. <i>Journal of Geophysical Research</i> , 1988 , 93, 14444		31
118	Multisatellite studies of ULF waves. <i>Advances in Space Research</i> , 1988 , 8, 427-436	2.4	30
117	Multipoint observation of fast mode waves trapped in the dayside plasmasphere. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		29
116	Second harmonic poloidal waves observed by Van Allen Probes in the dusk-midnight sector. <i>Journal of Geophysical Research: Space Physics</i> , 2017 , 122, 3013-3039	2.6	28
115	Magnetospheric seismology using multiharmonic toroidal waves observed at geosynchronous orbit. <i>Journal of Geophysical Research</i> , 2007 , 112, n/a-n/a		28
114	Magnetospheric responses to sudden and quasiperiodic solar wind variations. <i>Journal of Geophysical Research</i> , 2002 , 107, SMP 36-1		28
113	Rotationally driven 'zebra stripes' in Earth's inner radiation belt. <i>Nature</i> , 2014 , 507, 338-40	50.4	27
112	Timing analysis of the relationship between solar wind parameters and geosynchronous Pc5 amplitude. <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		27
111	Upper Atmosphere Research Satellite observation of a Pi2 pulsation. <i>Journal of Geophysical Research</i> , 1999 , 104, 25035-25045		27
110	Statistical study of global modes outside the plasmasphere. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 804-822	2.6	26
109	Multispacecraft observations of fundamental poloidal waves without ground magnetic signatures. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 4319-4334	2.6	25
108	Magnetic fluctuations embedded in dipolarization inside geosynchronous orbit and their associated selective acceleration of O ⁺ ions. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 4639-4655	2.6	24
107	Solar cycle dependence of bulk ion composition at geosynchronous orbit. <i>Journal of Geophysical Research</i> , 2011 , 116,		24
106	Drift-shell splitting of energetic ions injected at pseudo-substorm onsets. <i>Journal of Geophysical Research</i> , 1997 , 102, 22117-22130		24
105	An automated procedure for near-real-time Kp estimates. <i>Journal of Geophysical Research</i> , 2001 , 106, 21017-21032		24
104	An eastward propagating compressional Pc 5 wave observed by AMPTE/CCE in the postmidnight sector. <i>Journal of Geophysical Research</i> , 1987 , 92, 13472		24

103	Pi2 pulsations associated with poleward boundary intensifications during the absence of substorms. <i>Journal of Geophysical Research</i> , 2005 , 110,		23
102	ISEE 1 and 2 observation of the spatial structure of a compressional Pc5 wave. <i>Geophysical Research Letters</i> , 1985 , 12, 613-616	4.9	23
101	A model for the harmonic of compressional Pc 5 waves. <i>Geophysical Research Letters</i> , 1987 , 14, 363-366	4.9	22
100	Kinetic Alfvén waves and particle response associated with a shock-induced, global ULF perturbation of the terrestrial magnetosphere. <i>Geophysical Research Letters</i> , 2015 , 42, 9203-9212	4.9	21
99	Outflow of energetic ions from the magnetosphere and its contribution to the decay of the storm time ring current. <i>Journal of Geophysical Research</i> , 2005 , 110,		21
98	Energetic electron flux pulsations observed at geostationary orbit: Relation to magnetic pulsations. <i>Journal of Geophysical Research</i> , 1985 , 90, 8308		21
97	Pitch angle evolutions of oxygen ions driven by storm time ULF poloidal standing waves. <i>Journal of Geophysical Research</i> , 2011 , 116,		20
96	Field line distribution of density at $L=4.8$ inferred from observations by CLUSTER. <i>Annales Geophysicae</i> , 2009 , 27, 705-724	2	20
95	Phase and amplitude structure of Pc 3 magnetic pulsations as determined from multipoint observations. <i>Journal of Geophysical Research</i> , 1997 , 102, 2391-2403		20
94	Pi2 pulsations observed from the Polar satellite outside the plasmapause. <i>Geophysical Research Letters</i> , 2005 , 32, n/a-n/a	4.9	20
93	Solar cycle variation of plasma mass density in the outer magnetosphere: Magnetoseismic analysis of toroidal standing Alfvén waves detected by Geotail. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 8338-8356	2.6	19
92	CRRES satellite observations associated with low-latitude Pi2 pulsations. <i>Journal of Geophysical Research</i> , 1999 , 104, 17431-17440		19
91	On the standing wave mode of giant pulsations. <i>Journal of Geophysical Research</i> , 1992 , 97, 10717		19
90	Evolution of mass density and O ⁺ concentration at geostationary orbit during storm and quiet events. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 6417-6431	2.6	18
89	ULF waves: 1997 IAGA division 3 reporter review. <i>Annales Geophysicae</i> , 1998 , 16, 787-803	2	18
88	Source of Pc4 pulsations observed on the nightside. <i>Journal of Geophysical Research</i> , 2005 , 110,		18
87	GEOTAIL observation of magnetosonic Pc 3 waves in the dayside magnetosphere. <i>Geophysical Research Letters</i> , 1994 , 21, 2899-2902	4.9	18
86	Magnetospheric ULF waves observed during the major magnetospheric compression of November 1, 1984. <i>Journal of Geophysical Research</i> , 1988 , 93, 14369		18

85	Low-Energy (. <i>Journal of Geophysical Research: Space Physics</i> , 2019 , 124, 405-419	2.6	18
84	Poloidal Mode Wave-Particle Interactions Inferred From Van Allen Probes and CARISMA Ground-Based Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 4652-4667	2.6	17
83	Spatial Development of the Dipolarization Region in the Inner Magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 5452-5463	2.6	17
82	Statistical analysis of the relationship between earthward flow bursts in the magnetotail and low-latitude Pi2 pulsations. <i>Journal of Geophysical Research</i> , 2007 , 112, n/a-n/a		17
81	Longitudinal structure of low-latitude Pi2 pulsations and its dependence on aurora. <i>Journal of Geophysical Research</i> , 2004 , 109,		17
80	Quantitative test of the cavity resonance explanation of plasmaspheric Pi2 frequencies. <i>Journal of Geophysical Research</i> , 2002 , 107, SMP 4-1		17
79	Ballooning-Mirror Instability and Internally Driven Pc 4-5 Wave Events.. <i>Journal of Geomagnetism and Geoelectricity</i> , 1994 , 46, 997-1009		17
78	Low-latitude Pi2 pulsations during intervals of quiet geomagnetic conditions (Kp \leq 1). <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 6145-6153	2.6	16
77	A statistical study of fundamental toroidal mode standing Alfvén waves using THEMIS ion bulk velocity data. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 6474-6495	2.6	16
76	Pc5 wave power in the quiet-time plasmasphere and trough: CRRES observations. <i>Geophysical Research Letters</i> , 2010 , 37, n/a-n/a	4.9	16
75	A case study of oppositely propagating Alfvénic fluctuations in the solar wind and magnetosheath. <i>Geophysical Research Letters</i> , 1997 , 24, 3133-3136	4.9	16
74	A comparison of Pi2 pulsations in the inner magnetosphere and magnetic pulsations at geosynchronous orbit. <i>Journal of Geophysical Research</i> , 2001 , 106, 18865-18872		16
73	Antisymmetric standing wave structure associated with the compressional Pc 5 pulsation of November 14, 1979. <i>Journal of Geophysical Research</i> , 1986 , 91, 11163		16
72	Van Allen Probes Observations of Drift-Bounce Resonance and Energy Transfer Between Energetic Ring Current Protons and Poloidal Pc4 Wave. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 3421-3435	2.6	16
71	On the origin of the dawn-dusk asymmetry of toroidal Pc5 waves. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 9632-9650	2.6	15
70	MHD Eigenmodes in the Inner Magnetosphere. <i>Geophysical Monograph Series</i> , 2006 , 73-89	1.1	15
69	Link between premidnight second harmonic poloidal waves and auroral undulations: Conjugate observations with a Van Allen Probe spacecraft and a THEMIS all-sky imager. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 1814-1831	2.6	14
68	Local time-dependent Pi2 frequencies confirmed by simultaneous observations from THEMIS probes in the inner magnetosphere and at low-latitude ground stations. <i>Journal of Geophysical Research</i> , 2012 , 117,		14

67	Dependence of the amplitude of Pc5-band magnetic field variations on the solar wind and solar activity. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		14
66	The role of compressional Pc5 pulsations in modulating precipitation of energetic electrons. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 7728-7739	2.6	14
65	Propagation of Compressional Pc 3 Pulsations from Space to the Ground: A Case Study Using Multipoint Measurements. <i>Geophysical Monograph Series</i> , 2013 , 355-363	1.1	14
64	Pi2 pulsations in the inner magnetosphere simultaneously observed by the Active Magnetospheric Particle Tracer Explorers/Charge Composition Explorer and Dynamics Explorer 1 satellites. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		14
63	A comparison of THEMIS Pi2 observations near the dawn and dusk sectors in the inner magnetosphere. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		14
62	Observations of Pi2 pulsations by the Wallops HF radar in association with substorm expansion. <i>Geophysical Research Letters</i> , 2007 , 34,	4.9	14
61	Pi2 pulsations with second harmonic: CRRES observations in the plasmasphere. <i>Journal of Geophysical Research</i> , 2003 , 108,		14
60	Near-Real-Time Auroral Electrojet Index: An International Collaboration Makes Rapid Delivery of Auroral Electrojet Index. <i>Space Weather</i> , 2004 , 2, n/a-n/a	3.7	14
59	Van Allen Probes Observation of a Fundamental Poloidal Standing Alfvén Wave Event Related to Giant Pulsations. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 4574-4593	2.6	14
58	Ion dynamics and tail current intensification prior to dipolarization: The June 1, 1985, event. <i>Journal of Geophysical Research</i> , 2000 , 105, 25233-25246		13
57	Concerning the origin of signatures in dayside equatorial ground magnetograms. <i>Journal of Geophysical Research</i> , 1998 , 103, 6763-6769		13
56	Ground-satellite coherence analysis of Pc3 pulsations. <i>Journal of Geophysical Research</i> , 1998 , 103, 11755-11769		13
55	Coordinated observation of field line resonance in the mid-tail. <i>Annales Geophysicae</i> , 2006 , 24, 707-723	2	12
54	Realistic magnetospheric density model for 29 August 2000. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2006 , 68, 615-628	2	12
53	Propagation of ULF waves from the upstream region to the midnight sector of the inner magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 8428-8447	2.6	11
52	Response of Different Ion Species to Local Magnetic Dipolarization Inside Geosynchronous Orbit. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 5420-5434	2.6	11
51	Van Allen Probe observations of drift-bounce resonances with Pc 4 pulsations and wave-particle interactions in the pre-midnight inner magnetosphere. <i>Annales Geophysicae</i> , 2015 , 33, 955-964	2	11
50	Possible evidence of virtual resonance in the dayside magnetosphere. <i>Journal of Geophysical Research</i> , 2009 , 114, n/a-n/a		11

49	Observation and Numerical Simulation of Cavity Mode Oscillations Excited by an Interplanetary Shock. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 1969	2.6	11
48	Quiet time equatorial mass density distribution derived from AMPTE/CCE and GOES using the magnetoseismology technique. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 6090-6105	2.6	10
47	Giant pulsations on the afternoonside: Geostationary satellite and ground observations. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 8350-8367	2.6	10
46	A statistical study of the magnetosphere boundary crossings by the Geotail satellite. <i>Geophysical Research Letters</i> , 2000 , 27, 2881-2884	4.9	10
45	Survey of the ULF wave Poynting vector near the Earth's magnetic equatorial plane. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 6212-6227	2.6	9
44	Polar Ultraviolet Imager observations of solar wind-driven ULF auroral pulsations. <i>Geophysical Research Letters</i> , 2008 , 35,	4.9	9
43	The structure of the Birkeland current system in the post-midnight plasma sheet. <i>Geophysical Research Letters</i> , 1990 , 17, 1057-1060	4.9	9
42	Sc- and Si-associated ULF and HF-Doppler oscillations during the great magnetic storm of February 1986.. <i>Journal of Geomagnetism and Geoelectricity</i> , 1989 , 41, 871-878		9
41	Roles of Flow Braking, Plasmaspheric Virtual Resonances, and Ionospheric Currents in Producing Ground Pi2 Pulsations. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 9187-9203	2.6	9
40	Multifrequency compressional magnetic field oscillations and their relation to multiharmonic toroidal mode standing Alfvén waves. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 10,384	2.6	8
39	Effects of ionospheric damping on MHD wave mode structure. <i>Earth, Planets and Space</i> , 2004 , 56, e33-e36	3.6	8
38	Correlative study of ultraviolet aurora and low-latitude Pi2 pulsations. <i>Journal of Geophysical Research</i> , 2002 , 107, SMP 2-1-SMP 2-14		8
37	Pc5 pulsations observed in the dayside magnetosphere by Geotail. <i>Geophysical Research Letters</i> , 1994 , 21, 2903-2906	4.9	8
36	Examination of the resonance theory on Pcs by means of an analysis of magnetic fluctuations in the magnetosheath and the magnetosphere. <i>Planetary and Space Science</i> , 1979 , 27, 809-816	2	8
35	ETS-VI Magnetic Field Observations of the Near-Earth Magnetotail during Substorms. <i>Journal of Geomagnetism and Geoelectricity</i> , 1996 , 48, 741-748		8
34	Modeling the Dawn/Dusk Asymmetry of Field Line Resonances. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 6443-6456	2.6	8
33	Pi2 pulsations in a small and strongly asymmetric plasmasphere. <i>Journal of Geophysical Research</i> , 2005 , 110,		7
32	Coordinated ISTP satellite and ground observations of morningside Pc5 waves. <i>Journal of Geophysical Research</i> , 1999 , 104, 2381-2397		7

31	Field line distribution of mass density at geostationary orbit. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 4409-4422	2.6	6
30	Substorm and pseudo-substorm Pi2 pulsations observed during the interval of quasi-periodic magnetotail flow bursts: A case study. <i>Earth, Planets and Space</i> , 2010 , 62, 413-425	2.9	6
29	Pitch angle dispersion of ion injections. <i>Journal of Geophysical Research</i> , 2000 , 105, 18709-18727		6
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