

Kazue Takahashi

List of Publications by Year in descending order

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198
papers

8,547
citations

41258

49
h-index

58464

82
g-index

204
all docs

204
docs citations

204
times ranked

2098
citing authors

#	ARTICLE	IF	CITATIONS
1	Current disruptions in the near-Earth neutral sheet region. <i>Journal of Geophysical Research</i> , 1992, 97, 1461-1480.	3.3	318
2	High-speed ion flow, substorm current wedge, and multiple Pi 2 pulsations. <i>Journal of Geophysical Research</i> , 1998, 103, 4491-4507.	3.3	260
3	The magnetospheric response to 8-minute period strong-amplitude upstream pressure variations. <i>Journal of Geophysical Research</i> , 1989, 94, 2505-2519.	3.3	244
4	Sensing global Birkeland currents with iridium® engineering magnetometer data. <i>Geophysical Research Letters</i> , 2000, 27, 4045-4048.	1.5	222
5	ISEE 1 and 2 observations of ion distributions at the plasma sheet-tail lobe boundary. <i>Journal of Geophysical Research</i> , 1988, 93, 8558-8582.	3.3	198
6	Disruption of the magnetotail current sheet observed by AMPTE/CCE. <i>Geophysical Research Letters</i> , 1987, 14, 1019-1022.	1.5	175
7	Comprehensive study of the magnetospheric response to a hot flow anomaly. <i>Journal of Geophysical Research</i> , 1999, 104, 4577-4593.	3.3	169
8	Harmonic structure of Pc 3-4 pulsations. <i>Journal of Geophysical Research</i> , 1982, 87, 1504-1516.	3.3	151
9	Distribution of ULF energy (\approx 80 mHz) in the inner magnetosphere: A statistical analysis of AMPTE CCE magnetic field data. <i>Journal of Geophysical Research</i> , 1992, 97, 10751-10773.	3.3	145
10	Morphology of the ring current derived from magnetic field observations. <i>Annales Geophysicae</i> , 2004, 22, 1267-1295.	0.6	137
11	Rapid scattering of radiation belt electrons by storm-time EMIC waves. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	135
12	Excitation of poloidal standing Alfvén waves through drift resonance wave-particle interaction. <i>Geophysical Research Letters</i> , 2013, 40, 4127-4132.	1.5	134
13	Initial signatures of magnetic field and energetic particle fluxes at tail Reconfiguration: Explosive growth phase. <i>Journal of Geophysical Research</i> , 1992, 97, 19311-19324.	3.3	132
14	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.	3.3	128
15	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.	1.5	127
16	Ion flux oscillations associated with a radially polarized transverse Pc 5 magnetic pulsation. <i>Journal of Geophysical Research</i> , 1990, 95, 3717-3731.	3.3	126
17	Distribution of density along magnetospheric field lines. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	122
18	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.	0.8	120

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19	Azimuthal propagation and frequency characteristic of compressional Pc 5 waves observed at geostationary orbit. Journal of Geophysical Research, 1985, 90, 1473-1485.	3.3	118
20	Energetic electron injections deep into the inner magnetosphere associated with substorm activity. Geophysical Research Letters, 2015, 42, 2079-2087.	1.5	112
21	Kp forecast models. Journal of Geophysical Research, 2005, 110, .	3.3	109
22	The Earth's magnetosphere under continued forcing: Substorm activity during the passage of an interplanetary magnetic cloud. Journal of Geophysical Research, 1993, 98, 7657-7671.	3.3	108
23	Dependence of the spectrum of Pc 3-4 pulsations on the interplanetary magnetic field. Journal of Geophysical Research, 1984, 89, 2770-2780.	3.3	100
24	Review of Pi2 Models. Space Science Reviews, 2011, 161, 63-148.	3.7	98
25	Multisatellite and ground-based observations of transient ULF waves. Journal of Geophysical Research, 1989, 94, 2543-2554.	3.3	97
26	Birkeland current system key parameters derived from Iridium observations: Method and initial validation results. Journal of Geophysical Research, 2002, 107, SMP 11-1.	3.3	91
27	ISEE-1 and 2 observations of magnetic flux ropes in the magnetotail: FTE's in the plasma sheet?. Geophysical Research Letters, 1986, 13, 648-651.	1.5	90
28	AMPTE/CCE-SCATHA simultaneous observations of substorm-associated magnetic fluctuations. Journal of Geophysical Research, 1998, 103, 4671-4682.	3.3	89
29	Evaluation of low-latitude Pi2 pulsations as indicators of substorm onset using Polar ultraviolet imagery. Journal of Geophysical Research, 2000, 105, 2495-2505.	3.3	87
30	Multispacecraft observations of the harmonic structure of Pc 3-4 magnetic pulsations. Journal of Geophysical Research, 1984, 89, 6758-6774.	3.3	82
31	Solar wind control of Pc5 pulsation power at geosynchronous orbit. Journal of Geophysical Research, 2007, 112, .	3.3	82
32	Magnetic fluctuations associated with tail current disruption: Fractal analysis. Journal of Geophysical Research, 1995, 100, 19135.	3.3	81
33	Field-aligned structure of the storm time Pc 5 wave of November 14-15, 1979. Journal of Geophysical Research, 1987, 92, 5857-5864.	3.3	80
34	Radial transport of radiation belt electrons due to stormtime Pc5 waves. Annales Geophysicae, 2009, 27, 2173-2181.	0.6	80
35	A multisatellite study of a pseudo-substorm onset in the near-Earth magnetotail. Journal of Geophysical Research, 1993, 98, 19355-19367.	3.3	78
36	Initial GEOTAIL survey of magnetic substorm signatures in the magnetotail. Geophysical Research Letters, 1994, 21, 2991-2994.	1.5	76

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37	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, 17105-17119.	3.3	74
38	Poloidal ULF wave observed in the plasmasphere boundary layer. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 4298-4307.	0.8	74
39	CRRES electric field study of the radial mode structure of Pi2 pulsations. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	73
40	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, .	3.3	73
41	Impact of toroidal ULF waves on the outer radiation belt electrons. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	72
42	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.	0.8	66
43	Impact of ULF oscillations in solar wind dynamic pressure on the outer radiation belt electrons. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	61
44	Mass density inferred from toroidal wave frequencies and its comparison to electron density. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	59
45	Some aspects of the relation between Pi 1 magnetic pulsations observed at $L = 1.3 \pm 0.1$ 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, 3611-3618.	3.3	57
46	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, 9503-9519.	3.3	56
47	Observation and theory of Pc 5 waves with harmonically related transverse and compressional components. <i>Journal of Geophysical Research</i> , 1990, 95, 977-989.	3.3	53
48	AMPTE CCE observations of Pi 2 pulsations in the inner magnetosphere. <i>Geophysical Research Letters</i> , 1992, 19, 1447-1450.	1.5	52
49	Detection of ultralow-frequency cavity modes using spacecraft data. <i>Journal of Geophysical Research</i> , 2002, 107, SMP 7-1.	3.3	52
50	Tail Current Disruption in the Geosynchronous Region. <i>Geophysical Monograph Series</i> , 0, , 131-137.	0.1	50
51	Correlated Pc4 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.	0.8	50
52	CRRES observation of Pi2 pulsations: Wave mode inside and outside the plasmasphere. <i>Journal of Geophysical Research</i> , 2001, 106, 15567-15581.	3.3	48
53	Survey of transient magnetic field events in the dayside magnetosphere. <i>Journal of Geophysical Research</i> , 1992, 97, 10677-10692.	3.3	47
54	Pi2 pulsations observed from the Akebono satellite in the plasmasphere. <i>Journal of Geophysical Research</i> , 1998, 103, 17605-17615.	3.3	46

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55	Factors controlling the occurrence of Pc 3 magnetic pulsations at synchronous orbit. Journal of Geophysical Research, 1981, 86, 5472-5484.	3.3	45
56	AMPTE CCE observations of Pc 3-4 pulsations at $L = 2-6$. Journal of Geophysical Research, 1990, 95, 17179-17186.	3.3	45
57	Ion composition of the near-Earth plasma sheet in storm and quiet intervals: Geotail/EPIC measurements. Journal of Geophysical Research, 2001, 106, 8391-8403.	3.3	45
58	Solar cycle variation of geosynchronous plasma mass density derived from the frequency of standing Alfvén waves. Journal of Geophysical Research, 2010, 115, .	3.3	45
59	Multiple ground-based and satellite observations of global Pi 2 magnetic pulsations. Journal of Geophysical Research, 1990, 95, 15175-15184.	3.3	44
60	Oxygen torus in the deep inner magnetosphere and its contribution to recurrent process of O ⁺ -rich ring current formation. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	44
61	Externally driven plasmaspheric ULF waves observed by the Van Allen Probes. Journal of Geophysical Research: Space Physics, 2015, 120, 526-552.	0.8	44
62	Multisatellite observations of a giant pulsation event. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	43
63	Global observations of magnetospheric high-m poloidal waves during the 22 June 2015 magnetic storm. Geophysical Research Letters, 2017, 44, 3456-3464.	1.5	43
64	Pc1 pulsations observed by AMPTE/CCE in the Earth's outer magnetosphere. Geophysical Research Letters, 1990, 17, 1853-1856.	1.5	42
65	Rotationally driven "zebra stripes" in Earth's inner radiation belt. Nature, 2014, 507, 338-340.	13.7	42
66	Van Allen Probes Observations of Second Harmonic Poloidal Standing Alfvén Waves. Journal of Geophysical Research: Space Physics, 2018, 123, 611-637.	0.8	41
67	Multisatellite study of nightside transient toroidal waves. Journal of Geophysical Research, 1996, 101, 24815-24825.	3.3	40
68	Ion composition in the plasma trough and plasma plume derived from a Combined Release and Radiation Effects Satellite magnetoseismic study. Journal of Geophysical Research, 2008, 113, .	3.3	40
69	Statistical analysis of compressional Pc3-4 pulsations observed by AMPTE CCE at $L = 2-3$ in the dayside magnetosphere. Journal of Geophysical Research, 1999, 104, 4539-4558.	3.3	39
70	Toroidal wave frequency at $L = 6-10$: Active Magnetospheric Particle Tracer Explorers/CCE observations and comparison with theoretical model. Journal of Geophysical Research, 2002, 107, SMP 2-1-SMP 2-14.	3.3	39
71	Second harmonic poloidal waves observed by Van Allen Probes in the dusk-midnight sector. Journal of Geophysical Research: Space Physics, 2017, 122, 3013-3039.	0.8	39
72	AMPTE/CCE observations of substorm-associated standing Alfvén waves in the midnight sector. Geophysical Research Letters, 1988, 15, 1287-1290.	1.5	36

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73	Multisatellite studies of ULF waves. <i>Advances in Space Research</i> , 1988, 8, 427-436.	1.2	35
74	Observation and modeling of compressional Pi 3 magnetic pulsations. <i>Journal of Geophysical Research</i> , 1995, 100, 12103.	3.3	35
75	Magnetospheric responses to sudden and quasiperiodic solar wind variations. <i>Journal of Geophysical Research</i> , 2002, 107, SMP 36-1.	3.3	35
76	Magnetospheric toroidal Alfvén wave harmonics and the field line distribution of mass density. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	34
77	Multipoint observation of fast mode waves trapped in the dayside plasmasphere. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	34
78	On the standing wave mode of giant pulsations. <i>Journal of Geophysical Research</i> , 1992, 97, 10717-10732.	3.3	32
79	Multipoint observations of a Pi2 pulsation on morningside: The 20 September 1995 event. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	32
80	Magnetospheric seismology using multiharmonic toroidal waves observed at geosynchronous orbit. <i>Journal of Geophysical Research</i> , 2007, 112, n/a-n/a.	3.3	32
81	Low-Energy (<math>⁺</math> Ion Outflow Directly Into the Inner Magnetosphere: Van Allen Probes Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 405-419.	0.8	32
82	Substorm variations in the magnitude of the magnetic field: AMPTE/CCE observations. <i>Journal of Geophysical Research</i> , 1988, 93, 14444-14452.	3.3	31
83	Pi2 pulsations associated with poleward boundary intensifications during the absence of substorms. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	31
84	Statistical study of global modes outside the plasmasphere. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 804-822.	0.8	31
85	Multispacecraft observations of fundamental poloidal waves without ground magnetic signatures. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 4319-4334.	0.8	31
86	An eastward propagating compressional Pc 5 wave observed by AMPTE/CCE in the postmidnight sector. <i>Journal of Geophysical Research</i> , 1987, 92, 13472-13484.	3.3	30
87	An automated procedure for near-real-time Kp estimates. <i>Journal of Geophysical Research</i> , 2001, 106, 21017-21032.	3.3	30
88	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, .	3.3	30
89	Solar cycle dependence of bulk ion composition at geosynchronous orbit. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	30
90	Timing analysis of the relationship between solar wind parameters and geosynchronous Pc5 amplitude. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	29

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91	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.	1.5	29
92	Upper Atmosphere Research Satellite observation of a Pi2 pulsation. <i>Journal of Geophysical Research</i> , 1999, 104, 25035-25045.	3.3	28
93	ISEE 1 and 2 observation of the spatial structure of a compressional Pc5 wave. <i>Geophysical Research Letters</i> , 1985, 12, 613-616.	1.5	26
94	A model for the harmonic of compressional Pc 5 waves. <i>Geophysical Research Letters</i> , 1987, 14, 363-366.	1.5	26
95	Drift-shell splitting of energetic ions injected at pseudo-substorm onsets. <i>Journal of Geophysical Research</i> , 1997, 102, 22117-22130.	3.3	26
96	Pitch angle evolutions of oxygen ions driven by storm time ULF poloidal standing waves. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	26
97	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.	0.8	26
98	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.	0.8	24
99	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.	0.8	24
100	Phase and amplitude structure of Pc 3 magnetic pulsations as determined from multipoint observations. <i>Journal of Geophysical Research</i> , 1997, 102, 2391-2403.	3.3	23
101	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.	0.8	23
102	Energetic electron flux pulsations observed at geostationary orbit: Relation to magnetic pulsations. <i>Journal of Geophysical Research</i> , 1985, 90, 8308-8318.	3.3	22
103	A case study of oppositely propagating Alfvénic fluctuations in the solar wind and magnetosheath. <i>Geophysical Research Letters</i> , 1997, 24, 3133-3136.	1.5	22
104	ULF waves: 1997 IAGA division 3 reporter review. <i>Annales Geophysicae</i> , 1998, 16, 787-803.	0.6	22
105	Pi2 pulsations observed from the Polar satellite outside the plasmopause. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	1.5	22
106	Field line distribution of density at $L=4.8$ inferred from observations by CLUSTER. <i>Annales Geophysicae</i> , 2009, 27, 705-724.	0.6	22
107	On the origin of the dawn-dusk asymmetry of toroidal Pc5 waves. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 9632-9650.	0.8	22
108	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.	0.8	22

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109	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, .	3.3	21
110	Low-latitude Pi2 pulsations during intervals of quiet geomagnetic conditions (<math>K_p < 1</math>). <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 6145-6153.	0.8	21
111	The role of compressional Pc5 pulsations in modulating precipitation of energetic electrons. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 7728-7739.	0.8	21
112	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.	0.8	21
113	Observation and Numerical Simulation of Cavity Mode Oscillations Excited by an Interplanetary Shock. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 1969-1988.	0.8	21
114	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.	0.8	21
115	Magnetospheric ULF waves observed during the major magnetospheric compression of November 1, 1984. <i>Journal of Geophysical Research</i> , 1988, 93, 14369-14382.	3.3	20
116	MHD eigenmodes in the inner magnetosphere. <i>Geophysical Monograph Series</i> , 2006, , 73-89.	0.1	20
117	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, .	3.3	20
118	Propagation of Compressional Pc 3 Pulsations from Space to the Ground: A Case Study Using Multipoint Measurements. <i>Geophysical Monograph Series</i> , 0, , 355-363.	0.1	20
119	GEOTAIL observation of magnetosonic Pc 3 waves in the dayside magnetosphere. <i>Geophysical Research Letters</i> , 1994, 21, 2899-2902.	1.5	19
120	CRRES satellite observations associated with low-latitude Pi2 pulsations. <i>Journal of Geophysical Research</i> , 1999, 104, 17431-17440.	3.3	19
121	Longitudinal structure of low-latitude Pi2 pulsations and its dependence on aurora. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	19
122	Source of Pc4 pulsations observed on the nightside. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	19
123	Pc5 wave power in the quiet-time plasmasphere and trough: CRRES observations. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	19
124	Spatial Development of the Dipolarization Region in the Inner Magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 5452-5463.	0.8	19
125	Antisymmetric standing wave structure associated with the compressional Pc 5 pulsation of November 14, 1979. <i>Journal of Geophysical Research</i> , 1986, 91, 11163-11178.	3.3	18
126	Ballooning-Mirror Instability and Internally Driven Pc 4-5 Wave Events.. <i>Journal of Geomagnetism and Geoelectricity</i> , 1994, 46, 997-1009.	0.8	18

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127	Quantitative test of the cavity resonance explanation of plasmaspheric Pi2 frequencies. Journal of Geophysical Research, 2002, 107, SMP 4-1.	3.3	18
128	Pi2 pulsations in the inner magnetosphere simultaneously observed by the Active Magnetospheric Particle Tracer Explorers/Charge Composition Explorer and Dynamics Explorer 1 satellites. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	18
129	A statistical study of the magnetosphere boundary crossings by the Geotail satellite. Geophysical Research Letters, 2000, 27, 2881-2884.	1.5	17
130	A comparison of Pi2 pulsations in the inner magnetosphere and magnetic pulsations at geosynchronous orbit. Journal of Geophysical Research, 2001, 106, 18865-18872.	3.3	17
131	Propagation of ULF waves from the upstream region to the midnight sector of the inner magnetosphere. Journal of Geophysical Research: Space Physics, 2016, 121, 8428-8447.	0.8	17
132	Sc- and Si-associated ULF and HF-Doppler oscillations during the great magnetic storm of February 1986.. Journal of Geomagnetism and Geoelectricity, 1989, 41, 871-878.	0.8	17
133	Pi2 pulsations with second harmonic: CRRES observations in the plasmasphere. Journal of Geophysical Research, 2003, 108, .	3.3	16
134	Ground-satellite coherence analysis of Pc3 pulsations. Journal of Geophysical Research, 1998, 103, 11755-11769.	3.3	15
135	Ion dynamics and tail current intensification prior to dipolarization: The June 1, 1985, event. Journal of Geophysical Research, 2000, 105, 25233-25246.	3.3	15
136	Observations of Pi2 pulsations by the Wallops HF radar in association with substorm expansion. Geophysical Research Letters, 2007, 34, .	1.5	15
137	Van Allen Probe observations of drift-bounce resonances with Pc 4 pulsations and wave-particle interactions in the pre-midnight inner magnetosphere. Annales Geophysicae, 2015, 33, 955-964.	0.6	15
138	Concerning the origin of signatures in dayside equatorial ground magnetograms. Journal of Geophysical Research, 1998, 103, 6763-6769.	3.3	14
139	Coordinated observation of field line resonance in the mid-tail. Annales Geophysicae, 2006, 24, 707-723.	0.6	14
140	Realistic magnetospheric density model for 29 August 2000. Journal of Atmospheric and Solar-Terrestrial Physics, 2006, 68, 615-628.	0.6	14
141	A comparison of THEMIS Pi2 observations near the dawn and dusk sectors in the inner magnetosphere. Journal of Geophysical Research, 2010, 115, .	3.3	14
142	Local time-dependent Pi2 frequencies confirmed by simultaneous observations from THEMIS probes in the inner magnetosphere and at low-latitude ground stations. Journal of Geophysical Research, 2012, 117, .	3.3	14
143	Link between premidnight second harmonic poloidal waves and auroral undulations: Conjugate observations with a Van Allen Probe spacecraft and a THEMIS all-sky imager. Journal of Geophysical Research: Space Physics, 2015, 120, 1814-1831.	0.8	14
144	Modeling the Dawn/Dusk Asymmetry of Field Line Resonances. Journal of Geophysical Research: Space Physics, 2018, 123, 6443-6456.	0.8	14

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145	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.	1.3	14
146	Response of Different Ion Species to Local Magnetic Dipolarization Inside Geosynchronous Orbit. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 5420-5434.	0.8	13
147	Coordinated ISTP satellite and ground observations of morningside Pc5 waves. <i>Journal of Geophysical Research</i> , 1999, 104, 2381-2397.	3.3	12
148	Possible evidence of virtual resonance in the dayside magnetosphere. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	12
149	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.	0.8	12
150	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.	0.8	12
151	Nodal Structure of Toroidal Standing Alfvén Waves and Its Implication for Field Line Mass Density Distribution. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028981.	0.8	12
152	ULF Wave Transmission Across Collisionless Shocks: 2.5D Local Hybrid Simulations. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029283.	0.8	12
153	Field line distribution of mass density at geostationary orbit. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 4409-4422.	0.8	11
154	Giant pulsations on the afternoonside: Geostationary satellite and ground observations. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 8350-8367.	0.8	11
155	The structure of the Birkeland current system in the post-midnight plasma sheet. <i>Geophysical Research Letters</i> , 1990, 17, 1057-1060.	1.5	10
156	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.	0.8	10
157	Multiharmonic Toroidal Standing Alfvén Waves in the Midnight Sector Observed During a Geomagnetically Quiet Period. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027370.	0.8	10
158	Propagation of Ultralow-Frequency Waves from the Ion Foreshock into the Magnetosphere During the Passage of a Magnetic Cloud. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028474.	0.8	10
159	Collaborative Research Activities of the Arase and Van Allen Probes. <i>Space Science Reviews</i> , 2022, 218, .	3.7	10
160	Pc5 pulsations observed in the dayside magnetosphere by Geotail. <i>Geophysical Research Letters</i> , 1994, 21, 2903-2906.	1.5	9
161	Correlative study of ultraviolet aurora and low-latitude Pi2 pulsations. <i>Journal of Geophysical Research</i> , 2002, 107, SMP 2-1-SMP 2-14.	3.3	9
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