

James LaBelle

List of Publications by Year in descending order

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150
papers

2,788
citations

186265

28
h-index

243625

44
g-index

153
all docs

153
docs citations

153
times ranked

1308
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasma waves at the dayside magnetopause. <i>Space Science Reviews</i> , 1988, 47, 175.	8.1	160
2	Auroral Radio Emissions, 1. Hisses, Roars, and Bursts. <i>Space Science Reviews</i> , 2002, 101, 295-440.	8.1	121
3	Large amplitude wave packets observed in the ionosphere in association with transverse ion acceleration. <i>Journal of Geophysical Research</i> , 1986, 91, 7113-7118.	3.3	100
4	The Condor Equatorial Spread F Campaign: Overview and results of the large-scale measurements. <i>Journal of Geophysical Research</i> , 1986, 91, 5487-5503.	3.3	87
5	A Model of Zebra Emission in Solar Type IV Radio Bursts. <i>Astrophysical Journal</i> , 2003, 593, 1195-1207.	4.5	73
6	An analysis of the role of drift waves in equatorial spread F . <i>Journal of Geophysical Research</i> , 1986, 91, 5513-5525.	3.3	69
7	The duskside plasmopause/ring current interface: Convection and plasma wave observations. <i>Journal of Geophysical Research</i> , 1988, 93, 2573-2590.	3.3	62
8	High resolution OI (630 nm) image measurements of F-region depletion drifts during the Guarã Campaign. <i>Geophysical Research Letters</i> , 1997, 24, 1699-1702.	4.0	60
9	Plasma diffusion at the magnetopause: The case of lower hybrid drift waves. <i>Journal of Geophysical Research</i> , 1991, 96, 16009-16013.	3.3	55
10	The measurement of wavelength in space plasmas. <i>Reviews of Geophysics</i> , 1989, 27, 495-518.	23.0	53
11	Diffusion Processes: An Observational Perspective. <i>Geophysical Monograph Series</i> , 2013, , 331-341.	0.1	50
12	Observations of plasma waves within regions of perpendicular ion acceleration. <i>Geophysical Research Letters</i> , 1986, 13, 1113-1116.	4.0	49
13	The polarization of auroral radio emissions. <i>Geophysical Research Letters</i> , 1997, 24, 3161-3164.	4.0	46
14	Statistical and case studies of radio emissions observed near $2F$ and $3F$ in the auroral zone. <i>Journal of Geophysical Research</i> , 1995, 100, 7745.	3.3	45
15	Ground-based observations of radio emissions near $2f_{ce}$ and $3f_{ce}$ in the auroral zone. <i>Geophysical Research Letters</i> , 1993, 20, 1447-1450.	4.0	43
16	Interferometric phase velocity measurements. <i>Geophysical Research Letters</i> , 1984, 11, 19-22.	4.0	42
17	The generation of kilometer scale irregularities in equatorial spread F . <i>Journal of Geophysical Research</i> , 1986, 91, 5504-5512.	3.3	41
18	Mapping of electric field structures from the equatorial F region to the underlying E region. <i>Journal of Geophysical Research</i> , 1985, 90, 4341-4346.	3.3	40

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19	Artificial Ionospheric Layers during Pump Frequency Stepping Near the 4th Gyroharmonic at HAARP. <i>Physical Review Letters</i> , 2013, 110, 065002.	7.8	39
20	Propagation of medium frequency (1-4 MHz) auroral radio waves to the ground via the Z-mode radio window. <i>Journal of Geophysical Research</i> , 1998, 103, 29267-29275.	3.3	38
21	The plasma wave signature of a "magnetic hole" in the vicinity of the magnetopause. <i>Journal of Geophysical Research</i> , 1990, 95, 19099-19114.	3.3	35
22	HF chirps: Eigenmode trapping in density depletions. <i>Geophysical Research Letters</i> , 2000, 27, 321-324.	4.0	34
23	Lower ionospheric cyclotron maser theory: A possible source of 2Æ'ceand 3Æ'ceauroral radio emissions. <i>Journal of Geophysical Research</i> , 1996, 101, 27015-27025.	3.3	32
24	Auroral ion outflow: low altitude energization. <i>Annales Geophysicae</i> , 2007, 25, 1967-1977.	1.6	32
25	Absolute electron density measurements in the equatorial ionosphere. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 1985, 47, 781-789.	0.9	31
26	Observation of electromagnetic oxygen cyclotron waves in a flickering aurora. <i>Geophysical Research Letters</i> , 1995, 22, 2465-2468.	4.0	31
27	Fine structure of auroral roar emissions. <i>Journal of Geophysical Research</i> , 1995, 100, 21953-21959.	3.3	31
28	Rocket observations of banded structure in waves near the Langmuir frequency in the auroral ionosphere. <i>Journal of Geophysical Research</i> , 1999, 104, 28109-28122.	3.3	31
29	Average electric wave spectra across the plasma sheet and their relation to ion bulk speed. <i>Journal of Geophysical Research</i> , 1989, 94, 15221-15230.	3.3	30
30	The spectrum of LF/MF/HF radio noise at ground level during substorms. <i>Geophysical Research Letters</i> , 1994, 21, 2749-2752.	4.0	29
31	Narrowband structure in HF waves above the electron plasma frequency in the auroral ionosphere. <i>Geophysical Research Letters</i> , 1999, 26, 1825-1828.	4.0	29
32	A new type of auroral radio emission observed at medium frequencies ($\sim 1/4$ 1350-3700 kHz) using ground-based receivers. <i>Geophysical Research Letters</i> , 1994, 21, 2753-2756.	4.0	28
33	Ground and satellite observations of the evolution of growth phase auroral arcs. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	28
34	Characteristics of the ion pressure tensor in the Earth's magnetosheath. <i>Geophysical Research Letters</i> , 1995, 22, 667-670.	4.0	27
35	Rocket measurements of high-altitude spread F irregularities at the magnetic dip equator. <i>Journal of Geophysical Research</i> , 1998, 103, 23427-23441.	3.3	27
36	Further investigation of auroral roar fine structure. <i>Journal of Geophysical Research</i> , 1998, 103, 2219-2229.	3.3	27

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37	Quasi-thermal fluctuations in a beam-plasma system. <i>Physics of Plasmas</i> , 1996, 3, 1234-1240.	1.9	26
38	Observations of auroral medium frequency bursts. <i>Journal of Geophysical Research</i> , 1997, 102, 22221-22231.	3.3	26
39	Discrete electrostatic eigenmodes associated with ionospheric density structure: Generation of auroral roar fine frequency structure. <i>Journal of Geophysical Research</i> , 2000, 105, 27589-27596.	3.3	26
40	Ionization from soft electron precipitation in the auroral F region. <i>Journal of Geophysical Research</i> , 1989, 94, 3791-3798.	3.3	25
41	Poynting vector measurements of electromagnetic ion cyclotron waves in the plasmasphere. <i>Journal of Geophysical Research</i> , 1992, 97, 13789-13797.	3.3	25
42	On quasi-thermal fluctuations near the plasma frequency in the outer plasmasphere: A case study. <i>Journal of Geophysical Research</i> , 1994, 99, 23651.	3.3	24
43	Rocket observations of structured upper hybrid waves at $f_{uh} = 2f_{ce}$. <i>Geophysical Research Letters</i> , 2004, 31, .	4.0	24
44	On the generation and propagation of auroral electromagnetic ion cyclotron waves. <i>Journal of Geophysical Research</i> , 1997, 102, 17241-17253.	3.3	23
45	Imaging spread-F structures using GPS observations at Alcântara, Brazil. <i>Geophysical Research Letters</i> , 1997, 24, 1703-1706.	4.0	23
46	Ionospheric structure and the generation of auroral roar. <i>Journal of Geophysical Research</i> , 1998, 103, 29253-29266.	3.3	23
47	Rocket and ground-based electron density soundings versus IRI representation. <i>Advances in Space Research</i> , 2003, 31, 569-575.	2.6	23
48	PHAZE II observations of lower hybrid burst structures occurring on density gradients. <i>Geophysical Research Letters</i> , 1998, 25, 3091-3094.	4.0	22
49	The latitude dependence of auroral roar. <i>Journal of Geophysical Research</i> , 1998, 103, 14911-14915.	3.3	22
50	In situ measurement of thermal electrons on the SIERRA nightside auroral sounding rocket. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	22
51	Electric field statistics and modulation characteristics of bursty Langmuir waves observed in the cusp. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	20
52	Ground-level detection of auroral kilometric radiation. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	20
53	Radio noise of auroral origin: 1968-1988. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 1989, 51, 197-211.	0.9	19
54	The Brazil/Guarã Equatorial Spread F Campaign: Results of the large scale measurements. <i>Geophysical Research Letters</i> , 1997, 24, 1691-1694.	4.0	19

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55	Detection of spatial density irregularities with the Viking plasma wave interferometer. <i>Geophysical Research Letters</i> , 1987, 14, 467-470.	4.0	18
56	Statistical studies of auroral MF burst emissions observed at South Pole Station and at multiple sites in northern Canada. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	18
57	IMF Control of Alfvénic Energy Transport and Deposition at High Latitudes. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 12,189.	2.4	17
58	Band splitting in solar type II radio bursts. <i>Astrophysical Journal</i> , 1992, 399, L167.	4.5	17
59	Natural and man-made emissions at 1.0–5.6 MHz measured between 10 and 18 R_E . <i>Radio Science</i> , 1989, 24, 725-737.	1.6	16
60	Plasma conditions in auroral roar source regions inferred from radio and radar observations. <i>Journal of Geophysical Research</i> , 2001, 106, 21157-21164.	3.3	16
61	Statistical and case studies of auroral roar observed with a medium frequency interferometer. <i>Journal of Geophysical Research</i> , 2001, 106, 21147-21155.	3.3	14
62	Experimental tests of the generation mechanism of auroral medium frequency burst radio emissions. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	14
63	Anomalous plasma diffusion and the magnetopause boundary layer. <i>IEEE Transactions on Plasma Science</i> , 1992, 20, 833-842.	1.3	13
64	Ground-based observations of MF/HF radio noise in the auroral zone. <i>Journal of Geophysical Research</i> , 1994, 99, 2109.	3.3	13
65	Observation of the reactive component of Langmuir wave phase-bunched electrons. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	13
66	Fully resolved observations of auroral medium frequency burst radio emissions. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	13
67	Alfvén wave-driven ionospheric mass outflow and electron precipitation during storms. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 7828-7846.	2.4	13
68	Interferometric phase velocity measurements in the auroral electrojet. <i>Planetary and Space Science</i> , 1986, 34, 1285-1297.	1.7	12
69	High-frequency and time resolution rocket observations of structured low- and medium-frequency whistler mode emissions in the auroral ionosphere. <i>Journal of Geophysical Research</i> , 1999, 104, 28101-28107.	3.3	12
70	An explanation for the fine structure of MF burst emissions. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	12
71	First observations of flickering auroral roar. <i>Geophysical Research Letters</i> , 2001, 28, 123-126.	4.0	11
72	Statistical study of auroral roar emissions observed at South Pole Station. <i>Journal of Geophysical Research</i> , 2002, 107, SIA 17-1.	3.3	11

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73	Laboratory Measurements of X-ray Emissions From Centimeter-Long Streamer Corona Discharges. <i>Geophysical Research Letters</i> , 2017, 44, 11,174.	4.0	11
74	Location of Pc 1 waves relative to the magnetopause. <i>Annales Geophysicae</i> , 2002, 20, 1763-1767.	1.6	11
75	DC electric field measurements with the <i>GuarÃ</i> Spread-F Rocket. <i>Geophysical Research Letters</i> , 1997, 24, 1695-1698.	4.0	10
76	A medium-frequency interferometer for studying auroral radio emissions. <i>Review of Scientific Instruments</i> , 2000, 71, 3200-3206.	1.3	10
77	Discrete Langmuir waves in density structure. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	10
78	Auroral medium frequency burst radio emission associated with the 23 March 2007 THEMIS study substorm. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	10
79	Bispectral analysis of equatorial spread <i><i>F</i></i> density irregularities. <i>Journal of Geophysical Research</i> , 1992, 97, 8643-8651.	3.3	9
80	Interpreting observations of MF/HF radio emissions: Unstable wave modes and possibilities to passively diagnose ionospheric densities. <i>Journal of Geophysical Research</i> , 2002, 107, SIA 26-1-SIA 26-9.	3.3	9
81	Detection of traveling ionospheric disturbances by medium-frequency Doppler sounding using AM radio transmissions. <i>Radio Science</i> , 2015, 50, 249-263.	1.6	9
82	Further evidence for a connection between auroral kilometric radiation and ground-level signals measured in Antarctica. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 2061-2075.	2.4	9
83	Structured waves near the plasma frequency observed in three auroral rocket flights. <i>Annales Geophysicae</i> , 2006, 24, 2911-2919.	1.6	8
84	PENGUIn multi-instrument observations of dayside high-latitude injections during the 23 March 2007 substorm. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	8
85	First observations of 5 <i>f<sub>ce</sub></i> auroral roars. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	8
86	Storm phase-partitioned rates and budgets of global Alfvénic energy deposition, electron precipitation, and ion outflow. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2018, 167, 1-12.	1.6	8
87	Langmuir Turbulence in the Auroral Ionosphere: Origins and Effects. <i>Frontiers in Astronomy and Space Sciences</i> , 2021, 7, .	2.8	8
88	Interferometric Study of Ionospheric Plasma Irregularities in Regions of Phase Scintillations and HF Backscatter. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	8
89	Low-frequency impulsive auroral hiss observations at high geomagnetic latitudes. <i>Journal of Geophysical Research</i> , 1998, 103, 20459-20468.	3.3	7
90	Latitudinal dynamics of auroral roar emissions. <i>Journal of Geophysical Research</i> , 1999, 104, 17217-17232.	3.3	7

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91	LF/MF Whistler mode dispersive signals observed with rocket-borne instruments in the auroral downward current region. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	7
92	Ground based observations of low frequency auroral hiss fine structure. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	7
93	Dayside auroral hiss observed at South Pole Station. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 1220-1230.	2.4	7
94	A Comparison of Plasma Waves Produced by Ion Accelerators in the F-Region Ionosphere. <i>Geophysical Monograph Series</i> , 0, , 206-208.	0.1	7
95	Right-hand polarized 4 f ce auroral roar emissions: 2. Nonlinear generation theory. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 7981-7987.	2.4	7
96	Electron plasma waves in the solar wind: AMPTE/IRM and UKS observations. <i>Advances in Space Research</i> , 1986, 6, 93-96.	2.6	6
97	Observations of auroral roar emissions at polar cap latitudes: Results from the Early Polar Cap Observatory. <i>Radio Science</i> , 2001, 36, 1859-1868.	1.6	6
98	Further study of flickering auroral roar emission: 1. South Pole observations. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	6
99	Mode identification of whistler mode, Z mode, and Langmuir/Upper Hybrid mode waves observed in an auroral sounding rocket experiment. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	6
100	Waveform and envelope field statistics for waves with stochastically driven amplitudes. <i>Physics of Plasmas</i> , 2010, 17, 032110.	1.9	6
101	Changes in mode properties versus mode conversion for waves in Earth's auroral ionosphere. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	6
102	Phase sorting wave-particle correlator. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 2069-2078.	2.4	6
103	Measurement and modeling of auroral absorption of HF radio waves using a single receiver. <i>Radio Science</i> , 2002, 37, 6-1-6-12.	1.6	5
104	Statistics of auroral Langmuir waves. <i>Annales Geophysicae</i> , 2008, 26, 3885-3895.	1.6	5
105	Experimental tests of a topside generation mechanism for auroral medium frequency radio emissions. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	5
106	Z mode maser instability. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 7584-7592.	2.4	5
107	Argon Ions Injected Parallel and Perpendicular to the Magnetic Field. <i>Geophysical Monograph Series</i> , 0, , 201-205.	0.1	5
108	A new natural radio emission observed at South Pole Station. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 566-574.	2.4	5

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109	Comparison of fine structures of electron cyclotron harmonic emissions in aurora. Journal of Geophysical Research: Space Physics, 2015, 120, 8861-8871.	2.4	5
110	Polarization measurements of unusual cases of medium frequency burst emissions extending below 1.5MHz. Earth, Planets and Space, 2018, 70, .	2.5	5
111	Statistical Study of Electron Bunching in Auroral Langmuir Waves. Journal of Geophysical Research: Space Physics, 2019, 124, 5956-5975.	2.4	5
112	Are fast atmospheric pulsations optical signatures of lightning-induced electron precipitation?. Geophysical Research Letters, 1987, 14, 1023-1026.	4.0	4
113	Quasiperiodic $\sim 1/45$ -60 s fluctuations of VLF signals propagating in the Earth-ionosphere waveguide: A result of pulsating auroral particle precipitation?. Journal of Geophysical Research, 1997, 102, 347-361.	3.3	4
114	Narrow-band extremely low frequency (ELF) wave phenomena observed at South Pole Station. Geophysical Research Letters, 2006, 33, .	4.0	4
115	Experimental tests of the eigenmode theory of auroral roar fine structure and its application to remote sensing. Journal of Geophysical Research, 2007, 112, .	3.3	4
116	Theoretical constraints on the generation mechanism of auroral medium frequency burst radio emissions. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	4
117	DEMETER observations of bursty MF emissions and their relation to ground-level auroral MF burst. Journal of Geophysical Research: Space Physics, 2014, 119, 10,144.	2.4	4
118	TRICE 2 Observations of Low-Energy Magnetospheric Ions Within the Cusp. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029382.	2.4	4
119	South Pole Station Ground-Based and Cluster Satellite Measurements of Leaked and Escaping Auroral Kilometric Radiation. Journal of Geophysical Research: Space Physics, 2022, 127, .	2.4	4
120	High bandwidth measurements of auroral Langmuir waves with multiple antennas. Annales Geophysicae, 2022, 40, 231-245.	1.6	4
121	High-latitude propagation studies using a meridional chain of LF/MF/HF receivers. Annales Geophysicae, 2004, 22, 1705-1718.	1.6	3
122	Further study of flickering auroral roar emission: 2. Theory and numerical calculations. Journal of Geophysical Research, 2006, 111, .	3.3	3
123	Methods in the study of discrete upper hybrid waves. Journal of Geophysical Research, 2007, 112, .	3.3	3
124	Interpretation of vector electric field measurements of bursty Langmuir waves in the cusp. Journal of Geophysical Research, 2012, 117, .	3.3	3
125	An autonomous receiver/digital signal processor applied to ground-based and rocket-borne wave experiments. Journal of Geophysical Research: Space Physics, 2016, 121, 7334-7343.	2.4	3
126	On the propagation and mode conversion of auroral medium frequency bursts. Journal of Geophysical Research: Space Physics, 2016, 121, 1706-1721.	2.4	3

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127	Inferring Source Properties of Monoenergetic Electron Precipitation From Kappa and Maxwellian Momentâ€Voltage Relationships. Journal of Geophysical Research: Space Physics, 2019, 124, 1548-1567.	2.4	3
128	Estimating Polar Cap Density and Mediumâ€Frequency Burst Source Heights Using 2 f ce Roar Radio Emissions. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028166.	2.4	3
129	The Cusp as a VLF Saucer Source: First Rocket Observations of Longâ€Duration VLF Saucers on the Dayside. Geophysical Research Letters, 2021, 48, e2020GL090747.	4.0	3
130	Modulated Upperâ€Hybrid Waves Coincident With Lowerâ€Hybrid Waves in the Cusp. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029590.	2.4	3
131	Correction to â€œAre fast atmospheric pulsations optical signatures of lightningâ€induced electron precipitation?â€: Geophysical Research Letters, 1988, 15, 277-282.	4.0	2
132	Reply [to â€œComment on â€˜Are fast atmospheric pulsations optical signatures of lightningâ€induced electron precipitation?â€™â€]. Geophysical Research Letters, 1988, 15, 636-638.	4.0	2
133	The interaction of impulsive solar wind discontinuities with the magnetosphere: A multi-satellite case study. Planetary and Space Science, 1990, 38, 841-850.	1.7	2
134	Rightâ€hand polarized 4 f ce auroral roar emissions: 1. Observations. Journal of Geophysical Research: Space Physics, 2016, 121, 7974-7980.	2.4	2
135	Nonthermal Limit of Monoenergetic Precipitation in the Auroral Acceleration Region. Geophysical Research Letters, 2018, 45, 10,167-10,176.	4.0	2
136	Reply [to â€œComment on â€˜Are fast atmospheric pulsations optical signatures of lightningâ€induced electron precipitation?â€™â€]. Geophysical Research Letters, 1989, 16, 636-638.	4.0	1
137	Coincident bursts of auroral kilometric radiation and VLF emissions associated with a type III solar radio noise event. Journal of Geophysical Research, 1995, 100, 281.	3.3	1
138	Rocket observations of two distinct types of dispersive features of auroral HF waves. Journal of Geophysical Research, 2009, 114, .	3.3	1
139	Further sounding rocket observations of structured whistler mode auroral emissions. Journal of Geophysical Research, 2010, 115, .	3.3	1
140	â€œLong-hisslerâ€ fine structure within auroral hiss: A review and synthesis. Journal of Atmospheric and Solar-Terrestrial Physics, 2017, 156, 72-79.	1.6	1
141	Flickering Low Frequency Auroral Hiss. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA029098.	2.4	1
142	Medium-Frequency Burst Emissions: A Terrestrial Analog to Solar Type III Bursts?. , 0, , .		1
143	The plasma frequency tracker: An instrument for probing the frequency structure of narrow-Band MF/HF Electric Fields. Geophysical Monograph Series, 1998, , 169-174.	0.1	1
144	A Statistical Study of Auroral Medium Frequency Bursts and Anomalous Incoherent Scatter Radar Echoes. Radio Science, 2022, 57, .	1.6	1

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145	Correction [to "Ground-based observations of radio emissions near 2f _{ce} and 3f _{ce} in the auroral zone"]. Geophysical Research Letters, 1993, 20, 2413-2413.	4.0	0
146	Evaluating the stationarity of equatorial spread-F time series data. Journal of Atmospheric and Solar-Terrestrial Physics, 1997, 59, 439-443.	1.6	0
147	Mode Conversion Radiation in the Terrestrial Ionosphere and Magnetosphere. , 2006, , 211-234.		0
148	Natural cyclotron harmonic radiation from the ionosphere. , 2013, , .		0
149	Special issue "The 13th International Conference on Substorms" Earth, Planets and Space, 2019, 71, .	2.5	0
150	Properties of the Stimulated Electromagnetic Emissions During the Inclined High-Frequency Pumping of the Ionosphere Near the Fourth Electron Gyroharmonic at the High-Frequency Active Auroral Research Program Facility. Geophysical Research Letters, 2019, 46, 5653-5661.	4.0	0