

Michel Parrot

List of Publications by Year in descending order

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194
papers

6,763
citations

57758

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198
docs citations

198
times ranked

2337
citing authors

#	ARTICLE	IF	CITATIONS
1	On the use of ELF/VLF emissions triggered by HAARP to simulate PLHR and to study associated MLR events. <i>Earth, Planets and Space</i> , 2022, 74, .	2.5	0
2	Properties of AKR-like Emissions Recorded by the Low Altitude Satellite DEMETER During 6.5 Years. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	2.4	3
3	Seismic influence on the VLF transmitter signal intensity measured by the low-altitude satellite DEMETER. <i>European Physical Journal: Special Topics</i> , 2021, 230, 227-245.	2.6	3
4	Atmospheric and ionospheric coupling phenomena associated with large earthquakes. <i>European Physical Journal: Special Topics</i> , 2021, 230, 197-225.	2.6	24
5	Observations by DEMETER of Man-made MF Waves Escaping From the Ionosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028954.	2.4	1
6	Doppler Shifted Alpha Transmitter Signals in the Conjugate Hemisphere: DEMETER Spacecraft Observations and Raytracing Modeling. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029017.	2.4	6
7	Using Principal Component Analysis to Characterize the Variability of VLF Wave Intensities Measured by a Low-altitude Spacecraft and Caused by Interplanetary Shocks. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029158.	2.4	2
8	Quasiperiodic Emissions and Related Particle Precipitation Bursts Observed by the DEMETER Spacecraft. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029621.	2.4	2
9	Primary Joint Statistical Seismic Influence on Ionospheric Parameters Recorded by the CSES and DEMETER Satellites. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028116.	2.4	32
10	ULF Wave Activity Observed in the Nighttime Ionosphere Above and Some Hours Before Strong Earthquakes. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028396.	2.4	21
11	Spectral Broadening of NWC Transmitter Signals in the Ionosphere. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088103.	4.0	11
12	Whistler Mode Quasiperiodic Emissions: Contrasting Van Allen Probes and DEMETER Occurrence Rates. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA027918.	2.4	5
13	NWC Transmitter Effects on the Nightside Upper Ionosphere Observed by a Low-altitude Satellite. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028660.	2.4	13
14	Quasiperiodic ELF/VLF Emissions Detected Onboard the DEMETER Spacecraft: Theoretical Analysis and Comparison With Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 5278-5288.	2.4	8
15	Lightning Contribution to Overall Whistler Mode Wave Intensities in the Plasmasphere. <i>Geophysical Research Letters</i> , 2019, 46, 8607-8616.	4.0	17
16	Electromagnetic Field in the Upper Ionosphere From ELF Ground-based Transmitter. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 8066-8080.	2.4	12
17	Statistical Characteristics of Ionospheric Hiss Waves. <i>Geophysical Research Letters</i> , 2019, 46, 7147-7156.	4.0	13
18	Dependence of Properties of Magnetospheric Line Radiation and Quasiperiodic Emissions on Solar Wind Parameters and Geomagnetic Activity. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 2552.	2.4	7

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19	Tropospheric and Ionospheric Anomalies Induced by Volcanic and Saharan Dust Events as Part of Geosphere Interaction Phenomena. <i>Geosciences (Switzerland)</i> , 2019, 9, 177.	2.2	13
20	Short-Fractional Hop Whistler Rate Observed by the Low-Altitude Satellite DEMETER at the End of the Solar Cycle 23. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 3522-3531.	2.4	3
21	Low Frequency ($f < 200$ Hz) Polar Plasmaspheric Hiss: Coherent and Intense. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 10063-10084.	2.4	11
22	DEMETER observations of manmade waves that propagate in the ionosphere. <i>Comptes Rendus Physique</i> , 2018, 19, 26-35.	0.9	18
23	Low-Altitude Observations of Recurrent Short-Lived keV Ion Microinjections Inside the Diffuse Auroral Zone. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 2054-2063.	2.4	2
24	Statistical analysis of the ionospheric ion density recorded by DEMETER in the epicenter areas of earthquakes as well as in their magnetically conjugate point areas. <i>Advances in Space Research</i> , 2018, 61, 974-984.	2.6	22
25	Features of the Spectrum of Natural VLF Emissions in the Near-Equatorial Region of the Upper Ionosphere from DEMETER Satellite Observations. <i>Geomagnetism and Aeronomy</i> , 2018, 58, 768-774.	0.8	0
26	Plasmaspheric Hiss: Coherent and Intense. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 10,009.	2.4	20
27	Selective Attenuation of Lightning-Generated Whistlers at Extralow Frequencies: DEMETER Spacecraft Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 8631-8640.	2.4	1
28	Longitudinal Dependence of Whistler Mode Electromagnetic Waves in the Earth's Inner Magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 6562-6575.	2.4	13
29	The Results of Measurements of Features of Artificial Electromagnetic and Plasma Perturbations in the Outer Ionosphere of the Earth Using the DEMETER Satellite. <i>Moscow University Physics Bulletin (English Translation of Vestnik Moskovskogo Universiteta, Fizika)</i> , 2018, 73, 17-40.	0.4	0
30	U-shaped Spectrograms Registered by the DEMETER Satellite: Observational Features and Formation Mechanism. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 7077-7088.	2.4	3
31	Whistler Influence on the Overall Very Low Frequency Wave Intensity in the Upper Ionosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 5648-5660.	2.4	10
32	Variations of the main nighttime ionospheric density anomalies observed by DEMETER during the descending phase of solar cycle 23. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2018, 178, 66-73.	1.6	1
33	Source of the low-altitude hiss in the ionosphere. <i>Geophysical Research Letters</i> , 2017, 44, 2060-2069.	4.0	30
34	Line radiation events induced by very low frequency transmitters observed by the DEMETER spacecraft. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 7226-7239.	2.4	7
35	Observation of ionospherically reflected quasiperiodic emissions by the DEMETER spacecraft. <i>Geophysical Research Letters</i> , 2017, 44, 8721-8729.	4.0	13
36	Statistical Study on Variations of the Ionospheric Ion Density Observed by DEMETER and Related to Seismic Activities. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 12,421.	2.4	49

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37	A statistical study over Europe of the relative locations of lightning and associated energetic burst of electrons from the radiation belt. <i>Annales Geophysicae</i> , 2016, 34, 157-164.	1.6	5
38	Chorus and chorus-like emissions seen by the ionospheric satellite DEMETER. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 3781-3792.	2.4	12
39	Conjugate observations of a remarkable quasiperiodic event by the low-altitude DEMETER spacecraft and ground-based instruments. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 8790-8803.	2.4	31
40	Propagation of equatorial noise to low altitudes: Decoupling from the magnetosonic mode. <i>Geophysical Research Letters</i> , 2016, 43, 6694-6704.	4.0	47
41	Equatorial noise emissions with a quasiperiodic modulation observed by DEMETER at harmonics of the O ⁺ ion gyrofrequency. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 10,289-10,302.	2.4	7
42	Equatorial noise emissions observed by the DEMETER spacecraft during geomagnetic storms. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 9744-9757.	2.4	7
43	Propagation properties of quasiperiodic VLF emissions observed by the DEMETER spacecraft. <i>Geophysical Research Letters</i> , 2016, 43, 1007-1014.	4.0	23
44	EMIC waves observed by the low-altitude satellite DEMETER during the November 2004 magnetic storm. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 5455-5464.	2.4	11
45	Very low frequency radio events with a reduced intensity observed by the low-altitude DEMETER spacecraft. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 9781-9794.	2.4	2
46	Magnetospheric line radiation: 6.5 years of observations by the DEMETER spacecraft. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 9442-9456.	2.4	8
47	Power line harmonic radiation observed by the DEMETER spacecraft at 50/60 Hz and low harmonics. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 8954-8967.	2.4	19
48	Geospace perturbations induced by the Earth: The state of the art and future trends. <i>Physics and Chemistry of the Earth</i> , 2015, 85-86, 17-33.	2.9	56
49	Topside ionospheric electron temperature and density along the Weddell Sea latitude. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 609-614.	2.4	15
50	Unexpected Very Low Frequency (VLF) Radio Events Recorded by the Ionospheric Satellite DEMETER. <i>Surveys in Geophysics</i> , 2015, 36, 483-511.	4.6	15
51	VLF/LF signal studies of the ionospheric response to strong seismic activity in the Far Eastern region combining the DEMETER and ground-based observations. <i>Physics and Chemistry of the Earth</i> , 2015, 85-86, 141-149.	2.9	21
52	A spatial analysis on seismo-ionospheric anomalies observed by DEMETER during the 2008 M8.0 Wenchuan earthquake. <i>Journal of Asian Earth Sciences</i> , 2015, 114, 414-419.	2.3	31
53	Comment on "Comparative study on earthquake and ground based transmitter induced radiation belt electron precipitation at middle latitude", by Sideropoulos et al. (2011). <i>Natural Hazards and Earth System Sciences</i> , 2014, 14, 1-9.	3.6	12
54	Suspected seismo-ionospheric coupling observed by satellite measurements and GPS TEC related to the M _w 7.9 Wenchuan earthquake of 12 May 2008. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 10,305.	2.4	39

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55	Fluctuations in the ionosphere related to Honshu Twin Large Earthquakes of September 2004 observed by the DEMETER and CHAMP satellites. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2014, 121, 110-122.	1.6	9
56	Seismo-ionospheric coupling appearing as equatorial electron density enhancements observed via DEMETER electron density measurements. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 8524-8542.	2.4	41
57	Seasonal trends of nighttime plasma density enhancements in the topside ionosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 6902-6912.	2.4	13
58	Multisatellite observations of an intensified equatorial ionization anomaly in relation to the northern Sumatra earthquake of March 2005. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 4767-4785.	2.4	22
59	Statistical investigation of VLF quasiperiodic emissions measured by the DEMETER spacecraft. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 8063-8072.	2.4	35
60	DEMETER observations of bursty MF emissions and their relation to ground-level auroral MF burst. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 10,144.	2.4	4
61	Statistical analysis of VLF radio emissions triggered by power line harmonic radiation and observed by the low-altitude satellite DEMETER. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 5744-5754.	2.4	18
62	Analysis of fine ELF wave structures observed poleward from the ionospheric trough by the low-altitude satellite DEMETER. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 2052-2060.	2.4	9
63	Statistical analysis of an ionospheric parameter as a base for earthquake prediction. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 3731-3739.	2.4	82
64	Simultaneous observations of quasi-periodic ELF/VLF wave emissions and electron precipitation by DEMETER satellite: A case study. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 4523-4533.	2.4	40
65	Ionospheric density perturbations recorded by DEMETER above intense thunderstorms. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 5169-5176.	2.4	15
66	Additional attenuation of natural VLF electromagnetic waves observed by the DEMETER spacecraft resulting from preseismic activity. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 5286-5295.	2.4	57
67	Midlatitude propagation of VLF to MF waves through nighttime ionosphere above powerful VLF transmitters. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 1210-1219.	2.4	7
68	Study of the lower hybrid resonance frequency over the regions of gathering earthquakes using DEMETER data. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2013, 100-101, 1-12.	1.6	11
69	Conjugate observations of quasi-periodic emissions by Cluster and DEMETER spacecraft. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 198-208.	2.4	38
70	Quasiperiodic emissions observed by the Cluster spacecraft and their association with ULF magnetic pulsations. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 4210-4220.	2.4	35
71	Temporal and spatial analyses on seismo-electric anomalies associated with the 27 February 2010 <i>M</i> = 8.8 Chile earthquake observed by DEMETER satellite. <i>Natural Hazards and Earth System Sciences</i> , 2013, 13, 3281-3289.	3.6	15
72	Ionospheric perturbations observed by the low altitude satellite DEMETER and possible relation with seismicity. <i>Journal of Atmospheric Electricity</i> , 2013, 33, 21-29.	0.3	5

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73	Experimental evidence of the simultaneous occurrence of VLF chorus on the ground in the global azimuthal scale “ from pre-midnight to the late morning. <i>Annales Geophysicae</i> , 2012, 30, 725-732.	1.6	11
74	Simultaneous observation of chorus and hiss near the plasmopause. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	12
75	Magnetospheric line radiation event observed simultaneously on board Cluster 1, Cluster 2 and DEMETER spacecraft. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	8
76	Attenuation of electromagnetic waves at the frequency ~1.7 kHz in the upper ionosphere observed by the DEMETER satellite in the vicinity of earthquakes. <i>Annals of Geophysics</i> , 2012, 55, .	1.0	12
77	Very low frequency saucers observed on DEMETER. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	2
78	Artificial ducts caused by HF heating of the ionosphere by HAARP. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	36
79	Study of the North West Cape electron belts observed by DEMETER satellite. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	16
80	Satellite observations of banded VLF emissions in conjunction with energy banded ions during very large geomagnetic storms. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	11
81	Variation of the first cutoff frequency of the Earth’s ionosphere waveguide observed by DEMETER. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	22
82	Perturbations of ionosphere-magnetosphere coupling by powerful VLF emissions from ground-based transmitters. <i>Journal of Experimental and Theoretical Physics</i> , 2012, 115, 1093-1099.	0.9	2
83	“Real time analysis” of the ion density measured by the satellite DEMETER in relation with the seismic activity. <i>Natural Hazards and Earth System Sciences</i> , 2012, 12, 2957-2963.	3.6	28
84	Detailed properties of magnetospheric line radiation events observed by the DEMETER spacecraft. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	10
85	Phenomena of electrostatic perturbations before strong earthquakes (2005–2010) observed on DEMETER. <i>Natural Hazards and Earth System Sciences</i> , 2012, 12, 75-83.	3.6	40
86	Variations of the electromagnetic fields and ionospheric parameters in the Baikal Rift Zone. <i>Izvestiya, Physics of the Solid Earth</i> , 2012, 48, 354-362.	0.9	1
87	DEMETER observations of ionospheric heating by powerful VLF transmitters. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	25
88	Ionospheric density variations recorded before the 2010 <i>M</i> _w 8.8 earthquake in Chile. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	38
89	Asymmetric V-shaped streaks recorded on board DEMETER satellite above powerful thunderstorms. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	3
90	DEMETER observations of the ionospheric trough over HAARP in relation to HF heating experiments. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	19

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91	Investigation of TEC and VLF space measurements associated to L'Aquila (Italy) earthquakes. <i>Natural Hazards and Earth System Sciences</i> , 2011, 11, 1019-1024.	3.6	20
92	Response of the ionospheric electron density to different types of seismic events. <i>Natural Hazards and Earth System Sciences</i> , 2011, 11, 2173-2180.	3.6	41
93	Statistical analysis of the ion density measured by the satellite DEMETER in relation with the seismic activity. <i>Earthquake Science</i> , 2011, 24, 513-521.	0.9	41
94	Anomaly of the ionospheric electron density close to earthquakes: Case studies of Puã™er and Wenchuan earthquakes. <i>Earthquake Science</i> , 2011, 24, 549-555.	0.9	10
95	Modification of the high-latitude ionosphere by high-power hf radio waves. 2. Results of coordinated satellite and ground-based observations. <i>Radiophysics and Quantum Electronics</i> , 2011, 54, 89-101.	0.5	5
96	The DEMETER mission, recent investigations on ionospheric effects associated with man-made activities and seismic phenomena. <i>Comptes Rendus Physique</i> , 2011, 12, 160-170.	0.9	2
97	ULF/ELF ionospheric electric field and plasma perturbations related to Chile earthquakes. <i>Advances in Space Research</i> , 2011, 47, 991-1000.	2.6	36
98	Asymmetric V shaped streaks recorded on board DEMETER, above powerful thunderstorms. , 2011, , .		0
99	Short-period VLF emissions as solitary envelope waves in a magnetospheric plasma maser. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2010, 72, 1275-1281.	1.6	22
100	Variations of electron density and temperature in ionosphere based on the DEMETER ISL data. <i>Earthquake Science</i> , 2010, 23, 349-355.	0.9	19
101	DEMETER and DMSP satellite observations of the disturbed H ⁺ /O ⁺ ratio caused by Earthã™s seismic activity in the Sumatra area during December 2004. <i>Advances in Space Research</i> , 2010, 46, 419-430.	2.6	11
102	Signals recorded by DEMETER satellite over active volcanoes during the period 2004 August-2007 December. <i>Geophysical Journal International</i> , 2010, 183, 1332-1347.	2.4	16
103	Whistler intensities above thunderstorms. <i>Annales Geophysicae</i> , 2010, 28, 37-46.	1.6	34
104	Electron and ion density variations before strong earthquakes (<i>M</i>6.0) using DEMETER and GPS data. <i>Natural Hazards and Earth System Sciences</i> , 2010, 10, 7-18.	3.6	130
105	Studies of the electromagnetic field variations in ELF frequency range registered by DEMETER over the Sichuan region prior to the 12 May 2008 earthquake. <i>International Journal of Remote Sensing</i> , 2010, 31, 3615-3629.	2.9	36
106	Seismo-ionospheric anomalies of the GPS-TEC appear before the 12 May 2008 magnitude 8.0 Wenchuan Earthquake. <i>International Journal of Remote Sensing</i> , 2010, 31, 3579-3587.	2.9	41
107	On the origin of lowerã™and upperã™frequency cutoffs on wedgeã™like spectrograms observed by DEMETER in the midlatitude ionosphere. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	15
108	Relationship between median intensities of electromagnetic emissions in the VLF range and lightning activity. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	29

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109	Influence of power line harmonic radiation on the VLF wave activity in the upper ionosphere: Is it capable to trigger new emissions?. Journal of Geophysical Research, 2010, 115, .	3.3	15
110	Contrasting the efficiency of radiation belt losses caused by ducted and nonducted whistler-mode waves from ground-based transmitters. Journal of Geophysical Research, 2010, 115, .	3.3	79
111	MLR events and associated triggered emissions observed by DEMETER. Advances in Space Research, 2009, 44, 979-986.	2.6	14
112	Modeling of Doppler-shifted terrestrial VLF transmitter signals observed by DEMETER. Geophysical Research Letters, 2009, 36, .	4.0	19
113	Seasonal dependence of energetic electron precipitation: Evidence for a global role of lightning. Geophysical Research Letters, 2009, 36, .	4.0	30
114	Conjugate observations on board a satellite and on the ground of a remarkable MLR-like event. Geophysical Research Letters, 2009, 36, .	4.0	7
115	Penetration of lightning MF signals to the upper ionosphere over VLF ground-based transmitters. Journal of Geophysical Research, 2009, 114, .	3.3	25
116	Transionospheric attenuation of 100 kHz radio waves inferred from satellite and ground based observations. Geophysical Research Letters, 2009, 36, .	4.0	18
117	Analysis of subprotonospheric whistlers observed by DEMETER: A case study. Journal of Geophysical Research, 2009, 114, .	3.3	26
118	Propagation of unducted whistlers from their source lightning: A case study. Journal of Geophysical Research, 2009, 114, .	3.3	45
119	DEMETER observations of transmitter-induced precipitation of inner radiation belt electrons. Journal of Geophysical Research, 2009, 114, .	3.3	32
120	Decrease of intensity of ELF/VLF waves observed in the upper ionosphere close to earthquakes: A statistical study. Journal of Geophysical Research, 2009, 114, .	3.3	79
121	Survey of magnetospheric line radiation events observed by the DEMETER spacecraft. Journal of Geophysical Research, 2009, 114, .	3.3	18
122	DEMETER Observations of EM Emissions Related to Thunderstorms. Space Science Reviews, 2008, 137, 511-519.	8.1	26
123	Physics of Electric Discharges in Atmospheric Gases: An Informal Introduction. Space Science Reviews, 2008, 137, 133-148.	8.1	6
124	Density ducts formed by heating the Earth's ionosphere with high-power HF radio waves. JETP Letters, 2008, 88, 790-794.	1.4	51
125	Lightning-induced plasma turbulence and ion heating in equatorial ionospheric depletions. Nature Geoscience, 2008, 1, 101-105.	12.9	27
126	Spacecraft observations of electromagnetic perturbations connected with seismic activity. Geophysical Research Letters, 2008, 35, .	4.0	73

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127	Ground-based transmitter signals observed from space: Ducted or nonducted?. Journal of Geophysical Research, 2008, 113, .	3.3	60
128	Radiation belt electron precipitation due to VLF transmitters: Satellite observations. Geophysical Research Letters, 2008, 35, .	4.0	105
129	Physics of Electric Discharges in Atmospheric Gases: An Informal Introduction. Space Sciences Series of ISSI, 2008, , 133-148.	0.0	3
130	Formation of artificial ionospheric ducts. Geophysical Research Letters, 2008, 35, .	4.0	58
131	Effects of plasma density irregularities on the pitch angle scattering of radiation belt electrons by signals from ground based VLF transmitters. Geophysical Research Letters, 2008, 35, .	4.0	17
132	Power line harmonic radiation observed by satellite: Properties and propagation through the ionosphere. Journal of Geophysical Research, 2008, 113, .	3.3	34
133	DEMETER observations of an intense upgoing column of ELF/VLF radiation excited by the HAARP HF heater. Journal of Geophysical Research, 2008, 113, .	3.3	45
134	HF signatures of powerful lightning recorded on DEMETER. Journal of Geophysical Research, 2008, 113, .	3.3	16
135	V-shaped VLF streaks recorded on DEMETER above powerful thunderstorms. Journal of Geophysical Research, 2008, 113, .	3.3	17
136	Radiation belt electron precipitation by man-made VLF transmissions. Journal of Geophysical Research, 2008, 113, .	3.3	73
137	Lightning-induced lower-hybrid turbulence and trapped Extremely Low Frequency (ELF) electromagnetic waves observed in deep equatorial plasma density depletions during intense magnetic storms. Journal of Geophysical Research, 2008, 113, .	3.3	6
138	Propagation Spectrograms of Whistler-Mode Radiation from Lightning. IEEE Transactions on Plasma Science, 2008, 36, 1166-1167.	1.3	6
139	Observation of Intensified Lower Hybrid Noise in the Midlatitude Ionosphere. IEEE Transactions on Plasma Science, 2008, 36, 1164-1165.	1.3	2
140	Wave and plasma measurements and GPS diagnostics of the main ionospheric trough as a hybrid method used for Space Weather purposes. Annales Geophysicae, 2008, 26, 295-304.	1.6	8
141	DEMETER satellite observations of lightning-induced electron precipitation. Geophysical Research Letters, 2007, 34, .	4.0	58
142	Comparison of magnetospheric line radiation and power line harmonic radiation: A systematic survey using the DEMETER spacecraft. Journal of Geophysical Research, 2007, 112, n/a-n/a.	3.3	28
143	First in-situ observations of strong ionospheric perturbations generated by a powerful VLF ground-based transmitter. Geophysical Research Letters, 2007, 34, .	4.0	56
144	Simultaneous observation on board a satellite and on the ground of large-scale magnetospheric line radiation. Geophysical Research Letters, 2007, 34, .	4.0	17

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145	The effect of subionospheric propagation on whistlers recorded by the DEMETER satellite – observation and modelling. <i>Annales Geophysicae</i> , 2007, 25, 1103-1112.	1.6	23
146	Possible seismo-ionosphere perturbations revealed by VLF signals collected on ground and on a satellite. <i>Natural Hazards and Earth System Sciences</i> , 2007, 7, 617-624.	3.6	58
147	Power line harmonic radiation: A systematic study using DEMETER spacecraft. <i>Advances in Space Research</i> , 2007, 40, 398-403.	2.6	28
148	Ionospheric variations observed by the DEMETER satellite in the mid-latitude region during strong earthquakes. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2007, 69, 1524-1540.	1.6	67
149	Propagation of whistler mode chorus to low altitudes: Spacecraft observations of structured ELF hiss. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	106
150	Power line harmonic radiation (PLHR) observed by the DEMETER spacecraft. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	38
151	New observations of electromagnetic harmonic ELF emissions in the ionosphere by the DEMETER satellite during large magnetic storms. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	28
152	DEMETER observations of ELF waves injected with the HAARP HF transmitter. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	36
153	Examples of unusual ionospheric observations made by the DEMETER satellite over seismic regions. <i>Physics and Chemistry of the Earth</i> , 2006, 31, 486-495.	2.9	168
154	Global diagnostics of the ionospheric perturbations related to the seismic activity using the VLF radio signals collected on the DEMETER satellite. <i>Natural Hazards and Earth System Sciences</i> , 2006, 6, 745-753.	3.6	115
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