

Maria Spasojevic

List of Publications by Citations

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

27
papers

950
citations

12
h-index

29
g-index

29
ext. papers

1,079
ext. citations

5.2
avg, IF

4.03
L-index

#	Paper	IF	Citations
27	Wave acceleration of electrons in the Van Allen radiation belts. <i>Nature</i> , 2005 , 437, 227-30	50.4	429
26	Wave-induced loss of ultra-relativistic electrons in the Van Allen radiation belts. <i>Nature Communications</i> , 2016 , 7, 12883	17.4	90
25	Activity-dependent global model of electron loss inside the plasmasphere. <i>Geophysical Research Letters</i> , 2014 , 41, 3744-3751	4.9	60
24	New global loss model of energetic and relativistic electrons based on Van Allen Probes measurements. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 1308-1314	2.6	55
23	Automated determination of electron density from electric field measurements on the Van Allen Probes spacecraft. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 4611-4625	2.6	46
22	Empirical Modeling of the Plasmasphere Dynamics Using Neural Networks. <i>Journal of Geophysical Research: Space Physics</i> , 2017 , 122, 11,227-11,244	2.6	37
21	Analysis of experimentally validated trans-ionospheric attenuation estimates of VLF signals. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 2708-2720	2.6	34
20	Electromagnetic ion cyclotron wave modeling during the geospace environment modeling challenge event. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 2963-2977	2.6	29
19	PENGUIn/AGO and THEMIS conjugate observations of whistler mode chorus waves in the dayside uniform zone under steady solar wind and quiet geomagnetic conditions. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		26
18	The spectral extent of chorus in the off-equatorial magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 1700-1705	2.6	22
17	EMIC waves growth and guiding in the presence of cold plasma density irregularities. <i>Geophysical Research Letters</i> , 2013 , 40, 1940-1944	4.9	18
16	Chorus functional dependencies derived from CRRES data. <i>Geophysical Research Letters</i> , 2013 , 40, 3793-3797	4.9	14
15	Statistical analysis of ground-based chorus observations during geomagnetic storms. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 8299-8317	2.6	12
14	Remote sensing of ionospheric disturbances associated with energetic particle precipitation using the South Pole VLF beacon. <i>Journal of Geophysical Research</i> , 2007 , 112, n/a-n/a		11
13	Global estimates of plasmaspheric losses during moderate disturbance intervals. <i>Annales Geophysicae</i> , 2010 , 28, 27-36	2	11
12	Analysis of magnetospheric ELF/VLF wave amplification from the Siple Transmitter experiment. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 1837-1850	2.6	9
11	Utilizing nonlinear ELF generation in modulated ionospheric heating experiments for communications applications. <i>Radio Science</i> , 2013 , 48, 61-68	1.4	9

10	Extended lateral heating of the nighttime ionosphere by ground-based VLF transmitters. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 7783-7797	2.6	8
9	Reconstruction of Plasma Electron Density From Satellite Measurements Via Artificial Neural Networks 2018 , 301-327		7
8	Statistics of auroral hiss and relationship to auroral boundaries and upward current regions. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 7547-7560	2.6	7
7	An empirical profile of VLF triggered emissions. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 6581-6595	2.6	5
6	Dayside auroral hiss observed at South Pole Station. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 1220-1230	2.6	5
5	Preferential amplification of rising versus falling frequency whistler mode signals. <i>Geophysical Research Letters</i> , 2015 , 42, 207-214	4.9	4
4	Long-hissler fine structure within auroral hiss: A review and synthesis. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2017 , 156, 72-79	2	1
3	Predicting conditions for the reception of one-hop signals from the Siple transmitter experiment using the Kp index. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 8440-8447	2.6	1
2	Progress in understanding the inner magnetosphere. <i>Eos</i> , 2012 , 93, 348-348	1.5	0
1	Global aspects of magnetosphere-ionosphere coupling. <i>Eos</i> , 2006 , 87, 207	1.5	