

Ilya Kuzichev

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

185
citations

1305906

8
h-index

1181555

14
g-index

16
all docs

16
docs citations

16
times ranked

315
citing authors

#	ARTICLE	IF	CITATIONS
1	Mirror Instabilities in the Inner Magnetosphere and Their Potential for Localized ULF Wave Generation. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028773.	0.8	8
2	Electrostatic Solitary Waves in the Earth's Bow Shock: Nature, Properties, Lifetimes, and Origin. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029357.	0.8	20
3	The dynamics of electron holes in current sheets. <i>Physics of Plasmas</i> , 2021, 28, 012902.	0.7	1
4	On quasi-parallel whistler waves in the solar wind. <i>Physics of Plasmas</i> , 2020, 27, .	0.7	21
5	Magnetospheric chorus wave simulation with the TRISTAN-MP PIC code. <i>Physics of Plasmas</i> , 2019, 26, .	0.7	15
6	Nonlinear Evolution of the Whistler Heat Flux Instability. <i>Astrophysical Journal</i> , 2019, 882, 81.	1.6	36
7	On the ionospheric propagation of VLF waves generated by currents in the lower ionosphere. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2018, 179, 138-148.	0.6	4
8	Evolution of electron phase space holes in inhomogeneous magnetic fields. <i>Geophysical Research Letters</i> , 2017, 44, 2105-2112.	1.5	7
9	Electron holes in the outer radiation belt: Characteristics and their role in electron energization. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 120-135.	0.8	30
10	Evolution of electron phase space holes in inhomogeneous plasmas. <i>Physics of Plasmas</i> , 2017, 24, .	0.7	10
11	Ion energization by ELF wave packets formed of lightning-induced emission in the low-altitude magnetosphere. <i>Geophysical Research Letters</i> , 2014, 41, 201-208.	1.5	6
12	Full-wave description of the lower hybrid reflection of whistler waves. <i>Plasma Physics Reports</i> , 2013, 39, 795-808.	0.3	6
13	On whistler mode wave scattering from density irregularities in the upper ionosphere. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	10
14	On full-wave solution for VLF waves in the near-Earth space. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2010, 72, 1044-1056.	0.6	11