

Konstantin V Gamayunov

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6591666/konstantin-v-gamayunov-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

34
papers

439
citations

12
h-index

20
g-index

35
ext. papers

470
ext. citations

3.1
avg, IF

3.34
L-index

#	Paper	IF	Citations
34	Low Frequency ULF Waves in the Earth's Inner Magnetosphere: Statistics During Coronal Mass Ejections and Seeding of EMIC Waves. <i>Journal of Geophysical Research: Space Physics</i> , 2021 , 126, e2021JA029247	2.6	27
33	EMIC Waves in the Earth's Inner Magnetosphere as a Function of Solar Wind Structures During Solar Maximum. <i>Journal of Geophysical Research: Space Physics</i> , 2020 , 125, e2020JA027990	2.6	2
32	Effect of the Interstellar Magnetic Field Draping around the Heliopause on the IBEX Ribbon. <i>Astrophysical Journal Letters</i> , 2019 , 876, L21	7.9	4
31	Generation of EMIC Waves Observed by Van Allen Probes at Low L Shells. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 8533-8556	2.6	11
30	A Test of the Interstellar Boundary Explorer Ribbon Formation in the Outer Heliosheath. <i>Astrophysical Journal</i> , 2017 , 845, 63	4.7	12
29	NEUTRAL ATOM PROPERTIES IN THE DIRECTION OF THE RIBBON.. <i>Astrophysical Journal</i> , 2016 , 831,	4.7	16
28	Source of seed fluctuations for electromagnetic ion cyclotron waves in Earth's magnetosphere. <i>Advances in Space Research</i> , 2015 , 55, 2573-2583	2.4	5
27	Model of electromagnetic ion cyclotron waves in the inner magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 7541-7565	2.6	12
26	SELF-CONSISTENT MODEL OF THE INTERSTELLAR PICKUP PROTONS, ALFVÉNIC TURBULENCE, AND CORE SOLAR WIND IN THE OUTER HELIOSPHERE. <i>Astrophysical Journal</i> , 2012 , 757, 74	4.7	19
25	ENERGY SPECTRUM OF ENERGETIC PARTICLES ACCELERATED BY SHOCK WAVES: FROM FOCUSED TRANSPORT TO DIFFUSIVE ACCELERATION. <i>Astrophysical Journal</i> , 2011 , 738, 168	4.7	20
24	PITCH ANGLE SCATTERING IN THE OUTER HELIOSHEATH AND FORMATION OF THE INTERSTELLAR BOUNDARY EXPLORER RIBBON. <i>Astrophysical Journal</i> , 2010 , 725, 2251-2261	4.7	54
23	Self-consistent model of magnetospheric electric field, ring current, plasmasphere, and electromagnetic ion cyclotron waves: Initial results. <i>Journal of Geophysical Research</i> , 2009 , 114, n/a-n/a		22
22	Crucial role of ring current H ⁺ in electromagnetic ion cyclotron wave dispersion relation: Results from global simulations. <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		16
21	Self-consistent model of magnetospheric ring current and propagating electromagnetic ion cyclotron waves: 2. Wave-induced ring current precipitation and thermal electron heating. <i>Journal of Geophysical Research</i> , 2007 , 112, n/a-n/a		24
20	Effect of electromagnetic ion cyclotron wave normal angle distribution on relativistic electron scattering in outer radiation belt. <i>Journal of Geophysical Research</i> , 2007 , 112, n/a-n/a		6
19	Effect of oblique electromagnetic ion cyclotron waves on relativistic electron scattering: Combined Release and Radiation Effects Satellite (CRRES)-based calculation. <i>Journal of Geophysical Research</i> , 2007 , 112, n/a-n/a		9
18	Reply to comment by R. M. Thorne and R. B. Horne on Khazanov et al. [2002] and Khazanov et al. [2006]. <i>Journal of Geophysical Research</i> , 2007 , 112, n/a-n/a		13

17	Correction to Effect of oblique electromagnetic ion cyclotron waves on relativistic electron scattering: Combined Release and Radiation Effects Satellite (CRRES)-based calculation <i>Journal of Geophysical Research</i> , 2007 , 112, n/a-n/a		2
16	Strong pitch-angle diffusion of ring current ions in geomagnetic storm-associated conditions. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2007 , 69, 142-150	2	1
15	Self-consistent model of magnetospheric ring current and propagating electromagnetic ion cyclotron waves: Waves in multi-ion magnetosphere. <i>Journal of Geophysical Research</i> , 2006 , 111,		38
14	The nonlinear coupling of electromagnetic ion cyclotron and lower hybrid waves in the ring current region: the magnetic storm 1-7May 1998. <i>Nonlinear Processes in Geophysics</i> , 2004 , 11, 229-239	2.9	3
13	Self-consistent model of magnetospheric ring current and electromagnetic ion cyclotron waves: The 27 May 1998 storm. <i>Journal of Geophysical Research</i> , 2003 , 108,		44
12	A self-consistent model of the interacting ring current ions and electromagnetic ion cyclotron waves, initial results: Waves and precipitating fluxes. <i>Journal of Geophysical Research</i> , 2002 , 107, SMP 14-1		35
11	Current-induced magnetic field effects on bare tether current collection: A parametric study. <i>Journal of Geophysical Research</i> , 2001 , 106, 10565-10579		8
10	Alfvén waves as a source of lower-hybrid activity in the ring current region. <i>Journal of Geophysical Research</i> , 2000 , 105, 5403-5409		5
9	Magnetic reconnection in the neutral current sheet in the presence of a small fraction of hot anisotropic ions. <i>Plasma Physics and Controlled Fusion</i> , 1998 , 40, 1285-1312	2	6
8	Influence of hot anisotropic ions on properties of nonlinear Alfvén waves. <i>Plasma Physics and Controlled Fusion</i> , 1995 , 37, 1095-1117	2	8
7	Parametric excitation of high-frequency electromagnetic waves by the lower-frequency dipole pumping. <i>Physics of Fluids B</i> , 1993 , 5, 92-103		3
6	The effect of the hot, anisotropic magnetospheric protons on the dispersion relation. <i>Advances in Space Research</i> , 1993 , 13, 121-126	2.4	5
5	Plasma hydrodynamics in view of quasilinear effects. <i>Planetary and Space Science</i> , 1993 , 41, 27-33	2	
4	Parametric excitation of longitudinal oscillations by the lower frequency pumping wave. <i>Plasma Physics and Controlled Fusion</i> , 1992 , 34, 1359-1367	2	4
3	A theoretical model for the ring current interaction with the earth's plasmasphere. <i>Planetary and Space Science</i> , 1992 , 40, 859-872	2	19
2	Saturation of Alfvén oscillations in the ring current region due to generation of lower hybrid waves. <i>Planetary and Space Science</i> , 1992 , 40, 477-479	2	4
1	Hydrodynamic description of magnetosphere plasma with due regard to the wave activity of Alfvén and fast magnetosonic waves. <i>Planetary and Space Science</i> , 1991 , 39, 1097-1105	2	8