

Vladimir B Belakhovsky

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

300
citations

933447

10
h-index

888059

17
g-index

30
all docs

30
docs citations

30
times ranked

308
citing authors

#	ARTICLE	IF	CITATIONS
1	Auroral Omega Bands are a Significant Cause of Large Geomagnetically Induced Currents. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086677.	4.0	43
2	Modulation of total electron content by ULF Pc5 waves. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 4358-4369.	2.4	30
3	Characteristics of the variability of a geomagnetic field for studying the impact of the magnetic storms and substorms on electrical energy systems. <i>Izvestiya, Physics of the Solid Earth</i> , 2018, 54, 52-65.	0.9	29
4	Ground geomagnetic field and GIC response to March 17, 2015, storm. <i>Earth, Planets and Space</i> , 2018, 70, .	2.5	28
5	Geomagnetic and ionospheric response to the interplanetary shock on January 24, 2012. <i>Earth, Planets and Space</i> , 2017, 69, .	2.5	23
6	Generation of magnetic and particle Pc5 pulsations during the recovery phase of strong magnetic storms. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2010, 466, 3363-3390.	2.1	21
7	Determination of the wave mode contribution into the ULF pulsations from combined radar and magnetometer data: Method of apparent impedance. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2012, 77, 85-95.	1.6	17
8	ULF wave modulation of the ionospheric parameters: Radar and magnetometer observations. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2014, 108, 68-76.	1.6	16
9	Modulation of the ionosphere by Pc5 waves observed simultaneously by GPS/TEC and EISCAT. <i>Earth, Planets and Space</i> , 2016, 68, .	2.5	15
10	Are dayside long-period pulsations related to the cusp?. <i>Annales Geophysicae</i> , 2015, 33, 395-404.	1.6	11
11	Influence of different types of ionospheric disturbances on GPS signals at polar latitudes. <i>Annales Geophysicae</i> , 2021, 39, 687-700.	1.6	8
12	Generation of Pc5 pulsations during the sign reversal of the IMF B z component. <i>Geomagnetism and Aeronomy</i> , 2008, 48, 180-186.	0.8	7
13	Features of morning-time auroras during SC. <i>Geomagnetism and Aeronomy</i> , 2008, 48, 154-164.	0.8	6
14	The Kinetics of N 2 Triplet Electronic States in the Upper and Middle Atmosphere During Relativistic Electron Precipitation. <i>Geophysical Research Letters</i> , 2019, 46, 7734-7743.	4.0	6
15	Luminescence of Molecular Nitrogen Bands in the Earth's Atmosphere during the Precipitation of High-Energy Electrons. <i>Geomagnetism and Aeronomy</i> , 2020, 60, 90-95.	0.8	5
16	Luminescence of Lyman- α Birge-Hopfield Bands of N ₂ in the Earth's Atmosphere during the Precipitation of High-Energy Electrons. <i>Geomagnetism and Aeronomy</i> , 2020, 60, 781-786.	0.8	5
17	Generation of magnetic field Pc5 pulsations and particle fluxes during the recovery phase of a magnetic storm on October 31, 2003. <i>Geomagnetism and Aeronomy</i> , 2011, 51, 599-619.	0.8	4
18	Luminescence of Molecular Nitrogen and Molecular Oxygen in the Earth's Middle Atmosphere During the Precipitation of High-Energy Protons. <i>Geomagnetism and Aeronomy</i> , 2021, 61, 864-870.	0.8	4

#	ARTICLE	IF	CITATIONS
19	Excitation of Pc5 pulsations of the geomagnetic field and riometric absorption. Cosmic Research, 2010, 48, 319-334.	0.6	3
20	Features of Pc5 pulsations in the geomagnetic field, auroral luminosity, and Riometer absorption. Geomagnetism and Aeronomy, 2016, 56, 42-58.	0.8	3
21	About Horizontal Inhomogeneities of Electron Concentration Influence on the Propagation of ULF Signals in the Earth-Ionosphere Waveguide. , 2019, , .		3
22	The Kinetics of O 2 Singlet Electronic States in the Upper and Middle Atmosphere During Energetic Electron Precipitation. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD033177.	3.3	3
23	Influence of Different Ionospheric Disturbances on the GPS Scintillations at High Latitudes. Springer Proceedings in Earth and Environmental Sciences, 2020, , 281-287.	0.4	3
24	DETERMINATION OF ILF-WAVE CHARACTERISTICS MOST STRONGLY REACTING TO MINOR CHANGES OF IONOSPHERIC ELECTRON DENSITY IN A HIGH-LATITUDE REGION. SolneĀno-zemnaĀ Fizika, 2019, , 99-109.	0.2	3
25	Propagation of Electromagnetic Waves in the Region of High Latitudes at Various States of the Ionosphere at the Frequencies of the RSDN-20 (Alpha) Radionavigation System. Geomagnetism and Aeronomy, 2021, 61, 376-388.	0.8	2
26	Effect of the interplanetary secondary rarefaction waves on the geomagnetic field. Geomagnetism and Aeronomy, 2009, 49, 733-740.	0.8	1
27	Response of the night aurora to a negative sudden impulse. Geomagnetism and Aeronomy, 2016, 56, 694-705.	0.8	1
28	10.1007/s11478-008-2007-2. , 2010, 48, 180.		0
29	10.1007/s11478-008-2004-5. , 2010, 48, 154.		0
30	The Propagation of the Electromagnetic Waves at Frequencies of the Russian Radio Navigation System RSDN-20 (Alpha) during a substorm at high latitude ionosphere. , 2020, , .		0