Vladimir B Belakhovsky

List of Publications by Year
in descending order

30	300	933447 10	888059 17
papers	citations	h-index	g-index

30	30	30	308
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	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
3	Influence of different types of ionospheric disturbances on GPS signals at polar latitudes. Annales Geophysicae, 2021, 39, 687-700.	1.6	8
4	Luminescence of Molecular Nitrogen and Molecular Oxygen in the Earthâ€™s Middle Atmosphere During the Precipitation of High-Energy Protons. Geomagnetism and Aeronomy, 2021, 61, 864-870.	0.8	4
5	Auroral Omega Bands are a Significant Cause of Large Geomagnetically Induced Currents. Geophysical Research Letters, 2020, 47, e2019GL086677.	4.0	43
6	Luminescence of Molecular Nitrogen Bands in the Earthâ€™s Atmosphere during the Precipitation of High-Energy Electrons. Geomagnetism and Aeronomy, 2020, 60, 90-95.	0.8	5
7	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
8	Luminescence of Lymanâ€“Birgeâ€“Hopfield Bands of N2 in the Earthâ€™s Atmosphere during the Precipitation of High-Energy Electrons. Geomagnetism and Aeronomy, 2020, 60, 781-786.	0.8	5
9	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
10	About Horizontal Inhomogeneities of Electron Concentration Influence on the Propagation of ULF Signals in the Earth-Ionosphere Waveguide. , 2019, , .		3
11	The Kinetics of N 2 Triplet Electronic States in the Upper and Middle Atmosphere During Relativistic Electron Precipitation. Geophysical Research Letters, 2019, 46, 7734-7743.	4.0	6
12	DETERMINATION OF ILF-WAVE CHARACTERISTICS MOST STRONGLY REACTING TO MINOR CHANGES OF IONOSPHERIC ELECTRON DENSITY IN A HIGH-LATITUDE REGION. SolneÄ•no-zemnaÃ¢ Fizika, 2019, , 99-109.	0.2	3
13	Characteristics of the variability of a geomagnetic field for studying the impact of the magnetic storms and substorms on electrical energy systems. Izvestiya, Physics of the Solid Earth, 2018, 54, 52-65.	0.9	29
14	Ground geomagnetic field and GIC response to March 17, 2015, storm. Earth, Planets and Space, 2018, 70, .	2.5	28
15	Geomagnetic and ionospheric response to the interplanetary shock on January 24, 2012. Earth, Planets and Space, 2017, 69, .	2.5	23
16	Modulation of the ionosphere by Pc5 waves observed simultaneously by GPS/TEC and EISCAT. Earth, Planets and Space, 2016, 68, .	2.5	15
17	Response of the night aurora to a negative sudden impulse. Geomagnetism and Aeronomy, 2016, 56, 694-705.	0.8	1
18	Features of Pc5 pulsations in the geomagnetic field, auroral luminosity, and Riometer absorption. Geomagnetism and Aeronomy, 2016, 56, 42-58.	0.8	3

#	Article	IF	Citations
19	Are dayside long-period pulsations related to the cusp?. Annales Geophysicae, 2015, 33, 395-404.	1.6	11
20	Modulation of total electron content by ULF Pc5 waves. Journal of Geophysical Research: Space Physics, 2014, 119, 4358-4369.	2.4	30
21	ULF wave modulation of the ionospheric parameters: Radar and magnetometer observations. Journal of Atmospheric and Solar-Terrestrial Physics, 2014, 108, 68-76.	1.6	16
22	Determination of the wave mode contribution into the ULF pulsations from combined radar and magnetometer data: Method of apparent impedance. Journal of Atmospheric and Solar-Terrestrial Physics, 2012, 77, 85-95.	1.6	17
23	Generation of magnetic field Pc5 pulsations and particle fluxes during the recovery phase of a magnetic storm on October 31, 2003. Geomagnetism and Aeronomy, 2011, 51, 599-619.	0.8	4
24	Excitation of Pc5 pulsations of the geomagnetic field and riometric absorption. Cosmic Research, 2010, 48, 319-334.	0.6	3
25	Generation of magnetic and particle Pc5 pulsations during the recovery phase of strong magnetic storms. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2010, 466, 3363-3390.	2.1	21
26	10.1007/s11478-008-2007-2. , 2010, 48, 180.		0
27	10.1007/s11478-008-2004-5. , 2010, 48, 154.		0
28	Effect of the interplanetary secondary rarefaction waves on the geomagnetic field. Geomagnetism and Aeronomy, 2009, 49, 733-740.	0.8	1
29	Features of morning-time auroras during SC. Geomagnetism and Aeronomy, 2008, 48, 154-164.	0.8	6
30	Generation of Pc5 pulsations during the sign reversal of the IMF B z component. Geomagnetism and Aeronomy, 2008, 48, 180-186.	0.8	7