

# Boris Prokhorov

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

108  
citations

1478505

6  
h-index

1372567

10  
g-index

14  
all docs

14  
docs citations

14  
times ranked

151  
citing authors

#	ARTICLE	IF	CITATIONS
1	Validation of Ionospheric Specifications During Geomagnetic Storms: TEC and foF2 During the 2013 March Storm Event. <i>Space Weather</i> , 2018, 16, 1686-1701.	3.7	22
2	Numerical simulation of the variations in the total electron content of the ionosphere observed before the Haiti earthquake of January 12, 2010. <i>Geomagnetism and Aeronomy</i> , 2013, 53, 522-528.	0.8	18
3	CEDARâ€™GEM Challenge for Systematic Assessment of Ionosphere/Thermosphere Models in Predicting TEC During the 2006 December Storm Event. <i>Space Weather</i> , 2017, 15, 1238-1256.	3.7	17
4	Variations in the total electron content of the ionosphere during preparation of earthquakes. <i>Russian Journal of Physical Chemistry B</i> , 2011, 5, 435-438.	1.3	12
5	Comment on "An improved coupling model for the lithosphereâ€™atmosphereâ€™ionosphere system" by Kuo et al. [2014]. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 4865-4868.	2.4	11
6	Numerical modeling of solar wind influences on the dynamics of the high-latitude upper atmosphere. <i>Advances in Radio Science</i> , 0, 10, 299-312.	0.7	6
7	Electromagnetic Drivers in the Upper Atmosphere: Observations and Modeling. <i>Physics of Earth and Space Environments</i> , 2013, , 165-219.	0.5	6
8	Specific features of ionospheric total electron content variations in the periods of preparation of the earthquakes on March 11, 2011 (Japan) and October 23, 2011 (Turkey). <i>Russian Journal of Physical Chemistry B</i> , 2013, 7, 599-605.	1.3	5
9	Using MFACE as input in the UAM to specify the MIT dynamics. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 6704-6714.	2.4	5
10	High-latitude thermospheric winds: Satellite data and model calculations. <i>Russian Journal of Physical Chemistry B</i> , 2011, 5, 439-446.	1.3	2
11	Modeling of the Ionospheric Current System and Calculating Its Contribution to the Earthâ€™s Magnetic Field. <i>Astrophysics and Space Science Library</i> , 2018, , 263-292.	2.7	2
12	Simulated vertical electric field data: An estimation from an improved coupling model for the lithosphere-atmosphere-ionosphere system. <i>Data in Brief</i> , 2019, 26, 104513.	1.0	2
13	Modeling of variations of the peak F2 layer electron density and total electron content during the recovery period after the magnetic storm of April 15â€™20, 2002. <i>Russian Journal of Physical Chemistry B</i> , 2013, 7, 606-610.	1.3	0
14	Community-wide model validation study for systematic assessment of ionosphere models. , 2015, , .		0