Boris Prokhorov

List of Publications by Year
in descending order

14	108	1478505 6	1372567 10
papers	citations	h-index	g-index

14	14	14	151
all docs	docs citations	times ranked	citing authors

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