Adel Akchurin

List of Publications by Year
in descending order

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45 papers	155 citations	1307594 7 h-index	1372567 10 g-index
45 all docs	45 docs citations	45 times ranked	125 citing authors

#	Article	IF	Citations
1	Ionosonde tracking of infrasound wavefronts in the thermosphere launched by seismic waves after the 2010 M8.8 Chile earthquake. Journal of Geophysical Research: Space Physics, 2016, 121, 2683-2692.	2.4	23
2	Interpretation of deformed ionograms induced by vertical ground motion of seismic Rayleigh waves and infrasound in the thermosphere. Annales Geophysicae, 2016, 34, 271-278.	1.6	12
3	Results of integrated studies of the perturbed ionosphere region using short-wave ranging in a wide frequency band and stimulated electromagnetic emission of the ionosphere. Radiophysics and Quantum Electronics, 2012, 55, 71-84.	0.5	10
4	TID selection and research of its characteristics on ionograms. , 2011, , .		9
5	Generation of Artificial Ionospheric Irregularities in the Midlatitude Ionosphere Modified by High-Power High-Frequency X-Mode Radio Waves. Radiophysics and Quantum Electronics, 2014, 57, 393-416.	0.5	9
6	On the possibility of localization of a substorm by using the â€œSuraâ€•heating facility. Radiophysics and Quantum Electronics, 2012, 55, 85-94.	0.5	8
7	Sensitivity of ionosonde detection of atmospheric disturbances induced by seismic Rayleigh waves at different latitudes. Earth, Planets and Space, 2017, 69, .	2.5	8
8	Gyroharmonic features of the hf-induced ionospheric irregularities. Radiophysics and Quantum Electronics, 2012, 55, 357-381.	0.5	7
9	Collocated ionosonde and dense GPS/GLONASS network measurements of midlatitude MSTIDs. Advances in Space Research, 2018, 61, 1717-1725.	2.6	7
10	First OH Airglow Observation of Mesospheric Gravity Waves Over European Russia Region. Journal of Geophysical Research: Space Physics, 2018, 123, 2168-2180.	2.4	6
11	Improved precision of virtual height measurements with coherent radio pulse sounding based on the maximum likelihood method. Advances in Space Research, 2009, 43, 1595-1602.	2.6	5
12	Diagnostics of artificial ionospheric irregularities using short sounding radio paths. Radiophysics and Quantum Electronics, 2012, 55, 59-70.	0.5	5
13	Determination of sporadic E radio wave propagation parameters based on vertical and oblique sounding. Advances in Space Research, 2015, 56, 1169-1176.	2.6	5
14	On the Connection Between the Spatial Behavior of the Total Electron Content of the Ionosphere on the GPS Signal Path and the Ionospheric Artificial Airglow in the 630 nm Line. Radiophysics and Quantum Electronics, 2018, 61, 161-175.	0.5	5
15	The influence of lower atmosphere dynamics on the mid-latitude sporadic E-layer. Advances in Space Research, 1997, 20, 1309-1312.	2.6	4
16	Statistical modelling of radio wave propagation under sporadic E-Layer influence. Advances in Space Research, 2009, 43, 1835-1839.	2.6	4
17	Frequency dependences of reflection coefficient from Es layer at oblique incidence. , 2011, , .		3
18	Formation of artificial plasma disturbances in the lower ionosphere. Radiophysics and Quantum Electronics, 2012, 55, 95-109.	0.5	3

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19	Features of modification of the earthâ€™s ionosphere by high-power X-mode radio waves and the observed effects. Radiophysics and Quantum Electronics, 2012, 55, 110-125.	0.5	3
20	Transient Es-layers 2013â€“2014. , 2017, , .		3
21	The frequency properties of the quasiperiodic variations of midlatitude Es layer traces amplitude. , 2011, , .		2
22	Meteor induced layers in 2013 observed by ionosonde with high cadence. , 2014, , .		2
23	On Features of the Generation of Artificial Ionospheric Irregularities with Transverse Scales of 50â€“200 m. Radiophysics and Quantum Electronics, 2017, 59, 972-981.	0.5	2
24	MSTID extraction from more frequent ionograms. , 2017, , .		2
25	The lower ionosphere response to its disturbances by powerful radio waves. Advances in Space Research, 2018, 61, 1919-1930.	2.6	2
26	AMPLITUDE VARIATIONS OF THE REFLECTED SIGNAL DURING VERTICAL SOUNDING OF THE IONOSPHERE AT MIDDLE LATITUDES. SolneÄ•no-zemnaÃ¢ Fizika, 2020, 6, 72-80.	0.9	2
27	Spring stratospheric circulation transition and mid-latitude sporadic E-layer. Advances in Space Research, 1997, 20, 1313-1316.	2.6	1
28	Effects of planetary waves in parameters of the midlatitude sporadic E layer. Geomagnetism and Aeronomy, 2009, 49, 519-523.	0.8	1
29	The Problem of Selection the Satellite-Receiver Lines-of-Sight in the Practice of the Ionosphere GNSS-Sensing for Weak MSTIDs Observing. , 2019, , .		1
30	Comparison of Electron Densities and Temperatures on Satellite in Situ Measurements and Ground Remote Ob servations. , 2019, , .		1
31	Calculation of midlatitude sporadic E group delay as function of frequency. , 2011, , .		0
32	Some ionospheric responses to earthquakes. , 2014, , .		0
33	Observation of irregularities dynamics by vertical and quasi-vertical sounding. , 2014, , .		0
34	Modeling and experimental observations of radio wave propagation by reflection from the Es-layer at short radio-lines. , 2014, , .		0
35	The comparative analysis of Omnipresent Coherent Fluctuations in the Ionosphere and A-maps amplitude variation. , 2015, , .		0
36	Use of the Hough transform for the propagation mode extraction. , 2017, , .		0

#	Article	IF	Citations
37	Combined TID observation by ionosonde and dense GPS/GLONASS network. , 2017, , .		0
38	Application of two-dimensional TEC perturbation maps during the modified ionosphere by SURA powerful radio wave emitting. , 2017, , .		0
39	The High Resolution Ultrasonic Well Imager. , 2018, , .		0
40	Sporadic E-layer and Powerful HF-Radio Emission. , 2019, , .		0
41	Power Amplifier For Short-Pulse Ionosonde. , 2019, , .		0
42	Influence of Horizontal Ionosphere Nonuniformity on the Spatial Distribution of Ultralow-Frequency Magnetic Fields from Ground-Based Sources. Radiophysics and Quantum Electronics, 2019, 62, 311-325.	0.5	0
43	Isolation of the Small-Scale and Weak Medium-Scale TIDs on Daytime Midlatitude Ionograms. , 2021, , .		0
44	Features of observing for weak MSTIDs by GNSS satellites. , 2019, , .		0
45	AMPLITUDE VARIATIONS OF THE REFLECTED SIGNAL DURING VERTICAL SOUNDING OF THE IONOSPHERE AT MIDDLE LATITUDES. SolneÄ•no-zemnaÃ¢ Fizika, 2020, 6, 88-98.	0.2	0