

Irina Lutsenko

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

32
citations

2258059

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2272923

4
g-index

44
all docs

44
docs citations

44
times ranked

12
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonequidistant two-dimensional antenna arrays are based on magic squares. , 2016, , .		5
2	Illumination of the Air Environment Using Radiation of HF Broadcast Stations. Radiophysics and Quantum Electronics, 2015, 58, 9-18.	0.5	4
3	Simulation Statistical Model of Reflection from the "Clear-Sky". Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 2005, 63, 371-380.	0.4	4
4	Bistatic Radars with Illumination by Ionospheric Signals of High-Frequency Communication Stations. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 2008, 67, 285-292.	0.4	4
5	Using embedded semi-Markov processes for describing nonstationary signals and fields. , 2012, , .		2
6	Study of Polarization Spectral Characteristics of Signals Scattered from Hydrometeors in Millimeter Waves. AIP Conference Proceedings, 2007, , .	0.4	1
7	Statistical Model of the Signal Scattered from Sea Surface at the Grazing Feed Angles. , 2007, , .		1
8	Use doppler radars for studying turbulence of air weights in storm clouds. , 2008, , .		1
9	Diagnostics of the troposphere refraction by means of the radio settings of the satellites. , 2008, , .		1
10	Diagnosing refraction properties of troposphere over land using global navigation systems. Radioelectronics and Communications Systems, 2010, 53, 341-347.	0.5	1
11	Diagnostics of refraction coefficient on results of meteorological parameters measurement in arbitrary points of area. , 2010, , .		1
12	Use finite functions Kravchenko-Rvachev to describe the distribution statistics of refractive index. , 2013, , .		1
13	Signatures of acousto-electromagnetic portraits of aerodynamic and terrestrial mechanical objects. , 2016, , .		1
14	Description of nonstationary non-Gaussian processes using finite atomic functions. , 2016, , .		1
15	Use of Monopulse Difference-Phase Direction Finding Method for Location of Air Targets in Active-Passive Systems with Noise-Like Signal. Telecommunications and Radio Engineering (English) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 57 T		
16	The Troposphere Refraction Estimation by Attenuation Factor of Radiowave beyond-the-Horizon Propagation. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 57 T		
17	SIMULATION OF THE MAPPING FUNCTION FOR CALCULATION OF TROPOSPHERIC ZENITH DELAY. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 2014, 73, 413-424.	0.4	1
18	THE USE OF SEMI-MARKOV NESTED PROCESSES FOR THE DESCRIPTION OF NON-STATIONARY ACOUSTIC NOISE. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 57 T		

#	ARTICLE	IF	CITATIONS
19	Gunn oscillators based on shielded dielectric resonators with mechanical frequency tuning. , 0, , .		0
20	Study of microwave field structure on water surface paths using radar and moving corner reflector. , 2005, , .		0
21	Illumination of Air Environment Using Radiation of SB Broadcast Stations. , 2006, , .		0
22	Application of Pendulum Swing Model for Explanation of Radiowaves Backscattering from Biological Objects in SHF and HF Wavebands. , 2006, , .		0
23	On the Phase Centers of the Scattering of Compound Shape Bodies in SHF and Short-Wave Ranges. , 2007, , .		0
24	Backscattering Polarization-Spectral Specific Features in Determining Movement Direction of Objects. , 2007, , .		0
25	Polarization-Angle Dependencies of Backscattering from Ship Waves. , 2007, , .		0
26	Statistical Model of the Signal Scattered from Ground Surface at the Grazing Feed Angles. , 2008, , .		0
27	The use of doppler radars for studying the turbulence of air masses in clouds. Radioelectronics and Communications Systems, 2010, 53, 281-289.	0.5	0
28	Model of mapping function for the calculation of zenith tropospheric delay. , 2013, , .		0
29	Statistics based on the finite atomic functions Kravchenko-Rvachev and their use for the description of scattered sea signal. , 2013, , .		0
30	Effect of meteorological formations for change in consumers coordinates in GNSS. , 2014, , .		0
31	Use of global navigation satellite systems radiation to solve problems of radar and remote sensing. , 2014, , .		0
32	Use of global navigation satellite systems radiation for solving of radar problems. Radioelectronics and Communications Systems, 2015, 58, 487-496.	0.5	0
33	Research of the underlying surface by radiation of global navigation satellite system. , 2016, , .		0
34	Optimal reception of signals propagating in media with absorption and dispersion. , 2016, , .		0
35	Interconnecting of Ship Radars of Centimeter and Millimeter Wavelength Ranges. Radioelectronics and Communications Systems, 2019, 62, 520-529.	0.5	0
36	Active-Passive Radar Systems Using Radiation of HF Band Broadcasting Stations for Airborne Objects Detection. Lecture Notes in Networks and Systems, 2021, , 620-632.	0.7	0

#	ARTICLE	IF	CITATIONS
37	Spectral Techniques for Estimating Characteristics of Secondary Sources in Multipath Propagation Channels. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 2007, 66, 1-8.	0.7843	0
38	Detection and Measuring Methods in the Analysis of the Multipath Channel Characteristics. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 2007, 66, 1-8.	0.4	0
39	Signals Observation on Over-the-Horizon Paths during a Solar Eclipse in March 29, 2006. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 2008, 67, 471-478.	0.4	0
40	PREDICTION OF THE TROPOSPHERIC REFRACTION FACTOR IN ARBITRARY POINTS OF SPACE USING RESULTS OF MEASUREMENTS ON METEOROLOGICAL PARAMETERS IN BASE STATIONS. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 2013, 72, 745-758.	0.4	0
41	USING NESTED SEMI-MARKOV PROCESSES FOR DESCRIPTION OF NON-STATIONARY SIGNALS AND FIELDS. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 2013, 72, 407-419.	0.4	0
42	RESEARCH ON THE UNDERLYING SURFACE BY RADIATION OF GLOBAL NAVIGATION SATELLITE SYSTEM. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 2016, 75, 909-922.	0.4	0
43	Remote sensing of the environment using the radiation of existing ground and space radio systems. , 2020, , .		0