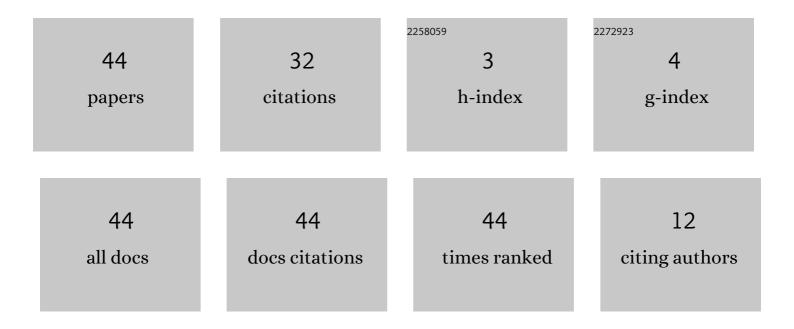
## Irina Lutsenko

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	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	Ο
2	Remote sensing of the environment using the radiation of existing ground and space radio systems. , 2020, , .		0
3	Interconnecting of Ship Radars of Centimeter and Millimeter Wavelength Ranges. Radioelectronics and Communications Systems, 2019, 62, 520-529.	0.5	Ο
4	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 (	Ovær4ock	10¶f 50 617
5	ĐšĐ¾Đ¼ĐįĐ»ĐµĐºÑĐ,Ñ€Đ¾Đ2ĐºĐ½Đ,е ĐºĐ¾Ñ€Đ°Đ±ĐµĐ»ÑŒĐ½Ñ‹Ñ ĐĐ›Đ¡ ÑĐºĐ½Ñ,Đ,Đ¼ĐµÑ,Ñ€E	)3⁄4 <b>Ð.</b> ?Ð3⁄41	D³₱Ĵ¾ Ð, м4
6	Nonequidistant two-dimensional antenna arrays are based on magic squares. , 2016, , .		5
7	Research of the underlying surface by radiation of global navigation satellite system. , 2016, , .		0
8	Signatures of acousto-electromagnetic portraits of aerodynamic and terrestrial mechanical objects. , 2016, , .		1
9	Description of nonstationary non-Gaussian processes using finite atomic functions. , 2016, , .		1
10	Optimal reception of signals propagating in media with absorption and dispersion. , 2016, , .		0
11	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
12	Use of global navigation satellite systems radiation for solving of radar problems. Radioelectronics and Communications Systems, 2015, 58, 487-496.	0.5	0
13	Illumination of the Air Environment Using Radiation of HF Broadcast Stations. Radiophysics and Quantum Electronics, 2015, 58, 9-18.	0.5	4
14	Effect of meteorological formations for change in consumers coordinates in GNSS. , 2014, , .		0
15	Use of global navigation satellite systems radiation to solve problems of radar and remote sensing. , 2014, , .		0
16	SIMULATION OF THE MAPPING FUNCTION FOR CALCULATION OF TROPOSHERIC ZENITH DELAY. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 2014, 73, 413-424.	0.4	1
17	Model of mapping function for the calculation of zenith tropospheric delay. , 2013, , .		0

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#	Article	IF	CITATIONS
19	Statistics based on the finite atomic functions Kravchenko-Rvachev and their use for the description of scattered sea signal. , 2013, , .		Ο
20	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
21	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
22	Using embedded semi-Markov processes for describing nonstationary signals and fields. , 2012, , .		2
23	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
24	Diagnosing refraction properties of troposphere over land using global navigation systems. Radioelectronics and Communications Systems, 2010, 53, 341-347.	0.5	1
25	Diagnostics of refraction coefficient on results of meteorological parameters measurement in arbitrary points of area. , 2010, , .		1
26	Use doppler radars for studying turbulence of air weights in storm clouds. , 2008, , .		1
27	Diagnostics of the troposphere refraction by means of the radio settings of the satellites. , 2008, , .		1
28	Statistical Model of the Signal Scattered from Ground Surface at the Grazing Feed Angles. , 2008, , .		0
29	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
30	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
31	Study of Polarization—Spectral Characteristics of Signals Scattered from Hydrometeors in Millimeter Waves. AIP Conference Proceedings, 2007, , .	0.4	1
32	On the Phase Centers of the Scattering of Compound Shape Bodies in SHF and Short-Wave Ranges. , 2007, , .		0
33	Statistical Model of the Signal Scattered from Sea Surface at the Grazing Feed Angles. , 2007, , .		1
34	Backscattering Polarization-Spectral Specific Features in Determining Movement Direction of Objects. , 2007, , .		0
35	Polarization-Angle Dependencies of Backscattering from Ship Waves. , 2007, , .		0
36	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

#	Article	IF	CITATIONS
37	Illumination of Air Environment Using Radiation of SB Broadcast Stations. , 2006, , .		0
38	Application of Pendulum Swing Model for Explanation of Radiowaves Backscattering from Biological Objects in SHF and HF Wavebands. , 2006, , .		0
39	Spectral Techniques for Estimating Characteristics of Secondary Sources in Multipath Propagation Channels. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and) Tj ETQq1 1 0.784	∙3 <b>0</b> 44rgBT	/Overlock 10
40	Study of microwave field structure on water surface paths using radar and moving corner reflector. , 2005, , .		0
41	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	.7 <b>8</b> ,4314	rg&T /Overloc
42	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
43	The Troposphere Refraction Estimation by Attenuation Factor of Radiowave beyond-the-Horizon Propagation. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and) Tj ETQq1 1 0.7	78 <b>43</b> 14 rg	gBTI /Overlock
44	Gunn oscillators based on shielded dielectric resonators with mechanical frequency tuning. , 0, , .		0