

Tatiana M Zaboronkova

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of a Circular Loop Antenna Located on a Hyperbolic Metamaterial Cylinder. , 2022, , .		1
2	The Influence of Carbon Nanocomposite Anisotropic Conductivity on the Parameters of a C-Band Horn Antenna. Technical Physics, 2021, 66, 571-579.	0.7	2
3	Theory of a Strip Antenna Located at a Plane Interface of a Uniaxial Metamaterial and an Isotropic Magnetodielectric. IEEE Transactions on Antennas and Propagation, 2020, 68, 195-206.	5.1	5
4	Radiation of twisted whistler waves from a crossed-loop antenna in a magnetoplasma. Physics of Plasmas, 2020, 27, .	1.9	4
5	Carbon-Based Composite Microwave Antennas. Electronics (Switzerland), 2020, 9, 590.	3.1	7
6	Nonlinear interaction of whistler waves in a magnetized plasma with density ducts. Physics of Plasmas, 2019, 26, .	1.9	3
7	Current Distribution and Input Impedance of a Strip Antenna Located at a Plane Interface of an Isotropic Medium and a Gyrotropic Metamaterial. , 2018, , .		1
8	Current distribution and input impedance of a circular loop antenna located on the surface of a gyromagnetic cylinder. , 2018, , .		1
9	Electrodynamic Characteristics of Horn Microwave Antennas Made of Graphene-Containing Carbon-Composite Materials. Technical Physics, 2018, 63, 268-273.	0.7	5
10	Electrodynamic Characteristics of Dipole Antennas Made of Graphene-Containing Carbon Fiber Composite Materials. Journal of Communications Technology and Electronics, 2018, 63, 864-867.	0.5	2
11	Theory of a Circular Loop Antenna Located on the Surface of a Dielectric Column in a Magnetoplasma. Radiophysics and Quantum Electronics, 2017, 59, 1000-1016.	0.5	3
12	Analysis of strip antennas located on the interface between a uniaxial plasma and an isotropic medium. , 2017, , .		0
13	Theory of a strip antenna located at the plane interface between isotropic and uniaxial anisotropic media. , 2017, , .		0
14	Antenna-waveguide microwave devices of carbon composition materials. Technical Physics Letters, 2016, 42, 598-600.	0.7	6
15	Electrodynamic Characteristics of a Strip Antenna Located on a Plane Interface of a Resonant Magnetoplasma and an Isotropic Medium. Radiophysics and Quantum Electronics, 2015, 57, 795-806.	0.5	5
16	Whistler wave radiation from a pulsed loop antenna located in a cylindrical duct with enhanced plasma density. Physics of Plasmas, 2014, 21, 112115.	1.9	8
17	THEORY OF A STRIP LOOP ANTENNA LOCATED ON THE SURFACE OF AN AXIALLY MAGNETIZED PLASMA COLUMN. Progress in Electromagnetics Research B, 2013, 51, 221-246.	1.0	10
18	CURRENT DISTRIBUTION AND INPUT IMPEDANCE OF A STRIP LOOP ANTENNA LOCATED ON THE SURFACE OF A CIRCULAR COLUMN FILLED WITH A RESONANT MAGNETOPLASMA. Progress in Electromagnetics Research B, 2013, 55, 241-256.	1.0	16

#	ARTICLE	IF	CITATIONS
19	Excitation of electromagnetic waves by a pulsed loop antenna in a magnetoplasma. Physics of Plasmas, 2012, 19, .	1.9	7
20	Electrodynamic characteristics of a strip antenna in a magnetoplasma. Journal of Communications Technology and Electronics, 2012, 57, 296-300.	0.5	9
21	Whistler waves guided by density depletion ducts in a magnetoplasma. Plasma Physics Reports, 2010, 36, 919-930.	0.9	14
22	ELECTROMAGNETIC RADIATION FROM SOURCES EMBEDDED IN A CYLINDRICALLY STRATIFIED UNBOUNDED GYROTROPIC MEDIUM. Progress in Electromagnetics Research B, 2009, 12, 297-331.	1.0	18
23	Whistler wave radiation from a loop antenna located in a cylindrical density depletion. Physics of Plasmas, 2009, 16, .	1.9	14
24	Whistler waves guided by ducts with enhanced density in a collisional magnetoplasma. Radiophysics and Quantum Electronics, 2008, 51, 28-44.	0.5	10
25	Title is missing!. Radiophysics and Quantum Electronics, 2003, 46, 407-424.	0.5	27
26	Nonsymmetric Whistler Waves Guided by Cylindrical Ducts with Enhanced Plasma Density. Radiophysics and Quantum Electronics, 2002, 45, 764-783.	0.5	25
27	Whistlers in Thermally Generated Ducts with Enhanced Plasma Density: Excitation and Propagation. Physica Scripta, 2000, 62, 51-65.	2.5	67
28	Toward the theory of a loop antenna in an anisotropic plasma. Radiophysics and Quantum Electronics, 1998, 41, 236-246.	0.5	16
29	Structure of the electromagnetic fields of loop radiators in magnetized plasmas over the whistler frequency range. Radiophysics and Quantum Electronics, 1996, 39, 132-139.	0.5	7
30	Radiation of whistler waves in magnetoactive plasma. Radio Science, 1992, 27, 315-324.	1.6	32
31	Decay interaction of electromagnetic waves in semiinfinite plasma. Radiophysics and Quantum Electronics, 1976, 19, 1034-1038.	0.5	9