

Vladimir M Yakovenko

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

74
citations

2148532

4
h-index

1762888

8
g-index

32
all docs

32
docs citations

32
times ranked

28
citing authors

#	ARTICLE	IF	CITATIONS
1	Semiconductor nanotube eigenmodes and the Aharonov-Bohm effect. <i>Low Temperature Physics</i> , 2022, 48, 32-36.	0.2	5
2	Eigenwave spectra of a solid-state plasma cylinder in a strong longitudinal magnetic field. <i>Radiofizika i Elektronika</i> , 2021, 26, 37-45.	0.2	2
3	Waves of a Magnetoplasma Solid-State Cylinder Under Quasi-Stationary Conditions. <i>IEEE Transactions on Plasma Science</i> , 2021, 49, 3078-3085.	0.6	7
4	NONLINEAR THEORY OF INTERACTION BETWEEN A TUBULAR BEAM OF CHARGED PARTICLES AND POTENTIAL SURFACE WAVES OF PLASMA CYLINDER. <i>Telecommunications and Radio Engineering (English Translation)</i> Tj ETQq0.0 0 rgBT3/Overlock		
5	Whispering gallery mode resonators in microwave physics and technologies. <i>International Journal of Microwave and Wireless Technologies</i> , 2017, 9, 781-796.	1.5	20
6	INTERACTION OF A FLOW OF CHARGED PARTICLES WITH EIGENMODES OF A DIELECTRIC CYLINDER. <i>Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika)</i> , 2017, 76, 1595-1611.	0.2	5
7	THE INSTABILITY OF HOLLOW ELECTRON BEAM INTERACTING WITH PLASMA-LIKE MEDIUM. <i>Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika)</i> , 2016, 75, 1467-1482.	0.2	6
8	CHARGED PARTICLE ENERGY LOSS ON THE WAVE EXCITATION IN THE SEMICONDUCTOR CYLINDER WITH TWODIMENSIONAL ELECTRON GAS ON THE SIDE SURFACE. <i>Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika)</i> , 2016, 75, 201-213.	0.2	2
9	ENERGY LOSS OF CHARGED PARTICLES ON THE EIGENMODE EXCITATION IN CYLINDRICAL STRUCTURES WITH TWO-DIMENSIONAL ELECTRON GAS. <i>Telecommunications and Radio Engineering (English Translation of)</i> Tj ETQq1d.0.784324 rgBT /		
10	SURFACE ELECTROMAGNETIC STATES AT AN INTERFACE BETWEEN A PHOTONIC CRYSTAL AND A PLASMA-LIKE MEDIUM IN AN EXTERNAL CONSTANT MAGNETIC FIELD. <i>Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika)</i> , 2014, 73, 43-59.	0.2	2
11	ENERGY LOSS OF A CHARGED PARTICLE MOVING ALONG THE HELICAL PATH. <i>Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika)</i> , 2014, 73, 1165-1189.	0.2	2
12	Chairman's welcome. , 2013, , .		0
13	SURFACE ELECTROMAGNETIC WAVES IN THE PLASMA-LIKE MEDIUM BORDERING A PERIODIC LAYERED STRUCTURE. <i>Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and)</i> Tj ETQq1 1 0.784314 rgBT/Overlo		
14	ON THE DECAY INSTABILITY OF ELECTRONIC WAVES IN THE VAVILOV - CHERENKOV EFFECT. <i>Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika)</i> , 2013, 72, 505-517.	0.2	0
15	DEPENDENCE OF FREQUENCIES OF SURFACE ELECTROMAGNETIC STATES IN PHOTONIC CRYSTALS ON PARAMETERS OF THE DUOBLE-LAYERED DIELECTRIC UNIT CELL. <i>Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika)</i> , 2012, 71, 235-250.	0.2	2
16	Excitation of oblique surface electromagnetic waves at an anisotropically conducting artificial interface by means of the attenuated-total-reflection method. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2011, 28, 155.	0.9	4
17	THz-SURFACE ELECTROMAGNETIC OSCILLATIONS IN PLASMA-LIKE MEDIA CONTAINING THE FLUXES OF CHARGED PARTICLES. <i>Telecommunications and Radio Engineering (English Translation of Elektrosvyaz)</i> Tj ETQq1 1 @.784314rgBT /O		
18	TRANSITION RADIATION OF MODULATED ELECTRON BEAM TRAVERSING THE WIRE SHIELD. <i>Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika)</i> , 2011, 70, 353-366.	0.2	0

#	ARTICLE	IF	CITATIONS
19	SCATTERING ELECTRONS ON PLASMA OSCILLATIONS IN THE SEMICONDUCTOR-DIELECTRIC-SEMICONDUCTOR STRUCTURE. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and) Tj ETQq1 1 0.784314 rgBT/Overlock	0.784314	0
20	FLUXES OF CHARGED PARTICLES IN LAYERED PLASMA-LIKE MEDIA. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 2010, 69, 1365-1390.	0.2	0
21	SOLID-STATE AND PLASMA RADIO PHYSICSSurface Polaritons at the Rough Boundary Produced by the Rayleigh Wave. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and) Tj ETQq1 1 0.784314 rgBT/Overlock	0.784314	0
22	Comparative Characteristics of Zone Spectra in Periodic Structures Formed by Layers of Dissimilar Materials in the External Magnetic Field. Telecommunications and Radio Engineering (English) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 617	0	0
23	Band spectrum properties of periodic stuctures, formed by the layers of different materials. , 2008, , .		0
24	The Rayleigh Waves in Semibounded Magnetoactive Solid-State Plasma. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 2008, 67, 41-51.	0.2	0
25	The Interaction of Charged Particle Flows with Plasma Oscillations in a Plate. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 2007, 66, 1747-1756.	0.2	0
26	Transition Radiation of Non-Harmonic Pulses by the Electron Bunch Intersecting a Vacuum-Plasma Interface. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 45	0	0
27	Magnetoresistance and Spin Polarization of Electron Current in Magnetic Tunneling Junctions. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 2006, 65, 509-526.	0.2	0
28	Magnetoresistance of Magnetic Tunneling Junctions with Step-Like Potential Barriers. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 2006, 65, 1293-1306.	0.2	0
29	Oscillations of Semibounded Plasma and an Electron Beam Passing Through the Interface. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 1999, 53, 44-51.	0.2	0
30	Interaction of hot electrons with two-dimensional gas in semiconductor superlattices. Solid-State Electronics, 1991, 34, 559-564.	0.8	9
31	Electron-polariton interactions in submicron semiconductor structures. Solid-State Electronics, 1990, 33, 1339-1341.	0.8	3
32	Instability of longitudinal oscillations in a bounded semiconductor plasma. Radiophysics and Quantum Electronics, 1989, 32, 679-684.	0.1	0