

Roman V Golovashchenko

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

113
citations

1937685

4
h-index

1588992

8
g-index

30
all docs

30
docs citations

30
times ranked

27
citing authors

#	ARTICLE	IF	CITATIONS
1	Resonance absorption of microwaves in ^4He . Evidence for roton emission. Physical Review B, 2007, 76, .	3.2	46
2	Interaction of microwaves with superfluid flow in He II. Low Temperature Physics, 2008, 34, 254-261.	0.6	17
3	Microwave experiments in He II. New features of undamped superfluid flows. Low Temperature Physics, 2008, 34, 497-502.	0.6	16
4	Microwave Spectroscopy of Condensed Helium at the Roton Frequency. Journal of Low Temperature Physics, 2010, 158, 244-249.	1.4	12
5	Hardware and Software Complex for MM-Wave Spectroscopic Research. , 2006, , .		5
6	Investigation of field distribution in open resonators using three-coordinate scanner. , 0, , .		4
7	Whispering gallery dielectric resonators in millimeter wave radiospectroscopy. , 0, , .		2
8	Using of the millimeter wave dielectrometer for study of liquid helium dynamic characteristics. , 2005, , .		2
9	CONTROL AND STABILIZATION OF TEMPERATURE (0.8-300 K) IN THE CRYODIELECTROMETER OF A GIGAHERTZ FREQUENCY BAND. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf50 217 Td		1
10	Investigation of intertype oscillations in the barrel-shaped open resonator. , 2000, , .		1
11	Cryogenic complex for measurement of superflow losses of dielectrics in millimeter waveband. , 2003, , .		1
12	Coupled-cavity structures on the base of whispering gallery disk dielectric resonators at millimeter wave band. , 2008, , .		1
13	Near-field microscopy at millimeter waves. , 2010, , .		1
14	Improvement of Coupling Characteristics of Sapphire Quasioptical Dielectric Resonator by Microstrip Line. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika) Tj ETQq0 0 0 rgBT /Overlock 10 Tf50 217 Td		1
15	COUPLED DISK DIELECTRIC RESONATORS WITH WHISPERING GALLERY MODES IN THE MILLIMETER-WAVE BAND. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf50 217 Td		1
16	EXCITATION SYSTEM OF A DISK DIELECTRIC RESONATOR IN THE CRYODIELECTROMETER. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 2011, 70, 1599-1606.	0.4	1
17	Interaction of electromagnetic oscillations in microwave barrel-shaped open resonators. , 0, , .		0
18	Experimental research of interacting modes in a barrel-shaped open resonator. , 0, , .		0

#	ARTICLE	IF	CITATIONS
19	Investigation of the Low-Loss Dielectric Materials in the Wide Temperature Range. , 2006, , .		0
20	Investigation of the Effect of Electromagnetic Absorption in Conditions of a Relative Motion of Components in He II. , 2007, , .		0
21	Electromagnetic Wave Absorption in Liquid HeII. , 2007, , .		0
22	Controlled structures on the basis of disk dielectric resonators in a millimeter wave range. , 2008, , .		0
23	Millimeter waveband spectroscopy of liquid He II. , 2010, , .		0
24	Spiral resonators with whispering gallery-like modes. , 2010, , .		0
25	Temperature dependence of the detected voltage of planar microwave diode that operation is based on carrier heating phenomena in strong electric field. , 2010, , .		0
26	Temperature control and stabilization in the cryodielectrometer for temperatures 0.5 – 300 K. , 2013, , .		0
27	Study and application of the liquid disk resonator in the millimeter waveband. , 2013, , .		0
28	Dielectric losses in diamond-like materials at the cryogenic temperatures in the millimeter waveband. , 2014, , .		0
29	A Circular-Disk Dielectric Resonator for Low-Temperature Magnetic Resonance Measurements at Millimeter and Sub-Millimeter Wavelengths. Telecommunications and Radio Engineering (English) Tj ETQq1 1 0.784844 rgBTφOverload		0
30	FIELD DISTRIBUTION OF THE FORCED WHISPERING GALLERY MODE EXCITED IN QUASIOPTICAL DIELECTRIC CAVITY RESONATORS BY A COUPLING SLOT IN THE MIRROR. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 2010, 69, 1421-1427.	0.4	0