

Zakhar Maizelis

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

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citations

1163117

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996975

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24
all docs

24
docs citations

24
times ranked

243
citing authors

#	ARTICLE	IF	CITATIONS
1	Lamb-Dicke spectroscopy of atoms in a hollow-core photonic crystal fibre. Nature Communications, 2014, 5, 4096.	12.8	79
2	Detecting and characterizing frequency fluctuations of vibrational modes. Physical Review B, 2011, 84, .	3.2	17
3	Anomalous dispersion of surface and waveguide modes in layered superconductor slabs. Low Temperature Physics, 2017, 43, 296-302.	0.6	16
4	The Signum function method for the generation of correlated dichotomic chains. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 175101.	2.1	14
5	Self-induced tunable transparency in layered superconductors. Physical Review B, 2010, 82, .	3.2	13
6	Transmission of terahertz waves through layered superconductors controlled by a dc magnetic field. Physical Review B, 2016, 94, .	3.2	9
7	Hysteretic jumps in the response of layered superconductors to electromagnetic fields. Physical Review B, 2008, 78, .	3.2	8
8	Thermal transport and quench relaxation in nonlinear Luttinger liquids. Physical Review B, 2013, 88, .	3.2	8
9	HIGH-ORDER CORRELATION FUNCTIONS OF BINARY MULTI-STEP MARKOV CHAINS. International Journal of Modern Physics B, 2008, 22, 3841-3853.	2.0	7
10	Voltage-driven quantum oscillations of conductance in graphene. Europhysics Letters, 2011, 96, 67009.	2.0	7
11	Telegraph frequency noise in electromechanical resonators. Physical Review B, 2015, 91, .	3.2	7
12	Self-induced terahertz-wave transmissivity of waveguides with finite-length layered superconductors. Physical Review B, 2013, 88, .	3.2	6
13	Distribution functions of argumental oscillations of the Duboshinskiy pendulum. Journal of Applied Physics, 2017, 121, 154902.	2.5	6
14	Temperature dependence of the Casimir force for bulk lossy media. Physical Review A, 2010, 82, .	2.5	4
15	Equivalence of the Markov chains and two-sided symbolic sequences. Europhysics Letters, 2006, 76, 1015-1021.	2.0	3
16	Non-additive properties of finite 1D Ising chains with long-range interactions. Journal of Physics A: Mathematical and Theoretical, 2009, 42, 095004.	2.1	3
17	Superposition principle for nonlinear Josephson plasma waves in layered superconductors. Physical Review B, 2014, 90, .	3.2	3
18	Nonlinear localized modes in a plate of a layered superconductor. Low Temperature Physics, 2018, 44, 238-246.	0.6	3

#	ARTICLE	IF	CITATIONS
19	Resonant absorption of terahertz waves in layered superconductors: Wood's anomalies and anomalous dispersion. Physical Review B, 2020, 101, .	3.2	2
20	Nonlinear Potential Scanning as a Novel Approach to Calculation of the Time Variable Galvanic Displacement Reaction Rate. ChemElectroChem, 0, , .	3.4	1
21	Reply to "Comment on "Temperature dependence of the Casimir force for lossy bulk media" Physical Review A, 2011, 84, .	2.5	0
22	Effect of DC magnetic field on reflectivity of layered superconductors. , 2016, , .		0
23	Amplitude hysteresis of the surface reactance of a layered superconductor. Low Temperature Physics, 2016, 42, 265-272.	0.6	0
24	Anomalous dispersion of oblique terahertz waves localized in the plate of a layered superconductor. Low Temperature Physics, 2019, 45, 885-893.	0.6	0