

Stanislav Apostolov

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrodynamic Coulomb drag of strongly correlated electron liquids. Physical Review B, 2014, 89, .	3.2	21
2	Anomalous Temperature Dependence of the Casimir Force for Thin Metal Films. Physical Review Letters, 2008, 101, 096803.	7.8	20
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	Josephson current and density of states in proximity circuits with s d s junctions. Physical Review B, 2012, 86, .	3.2	14
6	Self-induced tunable transparency in layered superconductors. Physical Review B, 2010, 82, .	3.2	13
7	Excitation of terahertz modes localized on a layered superconductor: Anomalous dispersion and resonant transmission. Physical Review B, 2018, 97, .	3.2	12
8	Memory functions and correlations in additive binary Markov chains. Journal of Physics A, 2006, 39, 14289-14301.	1.6	11
9	Transmission of terahertz waves through layered superconductors controlled by a dc magnetic field. Physical Review B, 2016, 94, .	3.2	9
10	Hysteretic jumps in the response of layered superconductors to electromagnetic fields. Physical Review B, 2008, 78, .	3.2	8
11	Thermal transport and quench relaxation in nonlinear Luttinger liquids. Physical Review B, 2013, 88, .	3.2	8
12	HIGH-ORDER CORRELATION FUNCTIONS OF BINARY MULTI-STEP MARKOV CHAINS. International Journal of Modern Physics B, 2008, 22, 3841-3853.	2.0	7
13	Voltage-driven quantum oscillations of conductance in graphene. Europhysics Letters, 2011, 96, 67009.	2.0	7
14	Magnetodrag in the hydrodynamic regime: Effects of magnetoplasmon resonance and Hall viscosity. Physical Review B, 2019, 100, .	3.2	7
15	Additive N-step Markov chains as prototype model of symbolic stochastic dynamical systems with long-range correlations. Chaos, Solitons and Fractals, 2007, 34, 112-128.	5.1	6
16	Self-induced terahertz-wave transmissivity of waveguides with finite-length layered superconductors. Physical Review B, 2013, 88, .	3.2	6
17	Resonant transparency of a layered superconductor: Hyperbolic material in the terahertz range tuned by dc magnetic field. Physical Review B, 2021, 103, .	3.2	6
18	Iterative method for generating correlated binary sequences. Physical Review E, 2014, 90, 053305.	2.1	5

#	ARTICLE	IF	CITATIONS
19	Temperature dependence of the Casimir force for bulk lossy media. <i>Physical Review A</i> , 2010, 82, .	2.5	4
20	Transformation of the polarization of THz waves by their reflection and transmission through a finite layered superconductor. <i>Low Temperature Physics</i> , 2012, 38, 880-887.	0.6	4
21	Transformation of the polarization of the electromagnetic waves reflected from the layered superconductors in an external dc magnetic field. <i>Low Temperature Physics</i> , 2016, 42, 916-923.	0.6	4
22	Effect of a dc magnetic field on the anomalous dispersion of localized Josephson plasma modes in layered superconductors. <i>Low Temperature Physics</i> , 2018, 44, 552-560.	0.6	4
23	Equivalence of the Markov chains and two-sided symbolic sequences. <i>Europhysics Letters</i> , 2006, 76, 1015-1021.	2.0	3
24	Isotropy properties of the multi-step Markov symbolic sequences. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007, 376, 165-172.	2.6	3
25	Spectral analysis and synthesis of 1D dichotomous long-range correlated systems: From diffraction gratings to quantum wires. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2008, 387, 4733-4739.	2.6	3
26	Non-additive properties of finite 1D Ising chains with long-range interactions. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2009, 42, 095004.	2.1	3
27	Superposition principle for nonlinear Josephson plasma waves in layered superconductors. <i>Physical Review B</i> , 2014, 90, .	3.2	3
28	Nonequilibrium spectroscopy of topological edge liquids. <i>Physical Review B</i> , 2014, 89, .	3.2	3
29	Nonlinear localized modes in a plate of a layered superconductor. <i>Low Temperature Physics</i> , 2018, 44, 238-246.	0.6	3
30	Nonlinear Wood anomalies in the reflectivity of layered superconductors. <i>Low Temperature Physics</i> , 2010, 36, 199-204.	0.6	2
31	Resonant absorption of terahertz waves in layered superconductors: Wood's anomalies and anomalous dispersion. <i>Physical Review B</i> , 2020, 101, .	3.2	2
32	Hysteresis jumps of the surface reactance of a layered superconductor as the incident wave amplitude varies. <i>Low Temperature Physics</i> , 2010, 36, 92-99.	0.6	1
33	Resonant transparency of a photonic crystal containing layered superconductor as a defect. <i>Low Temperature Physics</i> , 2017, 43, 848-854.	0.6	1
34	Reply to "Comment on "Temperature dependence of the Casimir force for lossy bulk media". <i>Physical Review A</i> , 2011, 84, .	2.5	0
35	Effect of DC magnetic field on reflectivity of layered superconductors. , 2016, , .		0
36	Amplitude hysteresis of the surface reactance of a layered superconductor. <i>Low Temperature Physics</i> , 2016, 42, 265-272.	0.6	0

#	ARTICLE	IF	CITATIONS
37	Description of Localized Josephson Plasma Waves: Legendre Functions vs WKB Approximation. , 2018, , .		0
38	Nonlinear localized waves in layered superconductors: Jacobi elliptic functions approach. , 2018, , .		0
39	Dispersion of THz Modes Localized on Layered Superconductor Controlled by DC Magnetic Field. , 2018, , .		0
40	Anomalous dispersion of oblique terahertz waves localized in the plate of a layered superconductor. Low Temperature Physics, 2019, 45, 885-893.	0.6	0
41	Resonant Suppression of the THz Wave Reflection from a Plate of Layered Superconducting Metamaterial Tunable by DC Magnetic Field. , 2021, , .		0
42	NORMAL AND ANOMALOUS DISPERSION OF WEAKLY NON-LINEAR LOCALIZED MODES IN A SLAB OF A LAYERED SUPERCONDUCTIVE MATERIAL. Telecommunications and Radio Engineering (English) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 53		