

Danko RadiÄ

List of Publications by Year in descending order

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papers

164
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1307594

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29
all docs

29
docs citations

29
times ranked

112
citing authors

#	ARTICLE	IF	CITATIONS
1	Classical and quantum chaos in the generalized parabolic lemon-shaped billiard. <i>Physical Review E</i> , 1999, 59, 303-311.	2.1	25
2	Thermoelectrical manipulation of nanomagnets. <i>Journal of Applied Physics</i> , 2010, 107, .	2.5	22
3	Chaotic dynamics of the elliptical stadium billiard in the full parameter space. <i>Physica D: Nonlinear Phenomena</i> , 2006, 217, 88-101.	2.8	20
4	Spin-Controlled Nanomechanics Induced by Single-Electron Tunneling. <i>Physical Review Letters</i> , 2011, 107, 236802.	7.8	12
5	Magnetic oscillations and field-induced spin-density waves in (TMTSF) ₂ ClO ₄ . <i>Physical Review B</i> , 2004, 69, .	3.2	11
6	Quantum Hall Effect with Composites of Magnetic Flux Tubes and Charged Particles. <i>Physical Review Letters</i> , 2018, 120, 267201.	7.8	8
7	Topological instability of two-dimensional conductors. <i>Physical Review B</i> , 2018, 97, .	3.2	7
8	Peierls-type structural phase transition in a crystal induced by magnetic breakdown. <i>European Physical Journal B</i> , 2013, 86, 1.	1.5	6
9	Density wave and topological reconstruction of an isotropic two-dimensional electron band in external magnetic field. <i>Physical Review B</i> , 2019, 100, .	3.2	6
10	Magnetic Breakdown Induced Peierls Transition. <i>Physical Review Letters</i> , 2008, 100, 206402.	7.8	5
11	Magnetic breakdown in an array of overlapping Fermi surfaces. <i>Physica B: Condensed Matter</i> , 2015, 460, 248-252.	2.7	5
12	DC spin generation by junctions with AC driven spin-orbit interaction. <i>Physical Review B</i> , 2019, 100, .	3.2	5
13	Coulomb-promoted spintromechanics in magnetic shuttle devices. <i>Physical Review B</i> , 2019, 100, .	3.2	5
14	Onset of pseudogap and density wave in a system with a closed Fermi surface. <i>Physical Review B</i> , 2021, 103, .	3.2	5
15	Self-excited oscillations of charge-spin accumulation due to single-electron tunneling. <i>Physical Review B</i> , 2010, 82, .	3.2	4
16	DC and optical signatures of the reconstructed Fermi surface for electrons with parabolic band. <i>New Journal of Physics</i> , 2022, 24, 053024.	2.9	3
17	Chaotic Properties of the Elliptical Stadium Billiard. <i>Progress of Theoretical Physics Supplement</i> , 2003, 150, 371-375.	0.1	2
18	Quantum Theory of Magnetoelectromotive Instability in Nanoelectromechanical Systems with Positive Differential Conductance. <i>Physical Review Letters</i> , 2013, 111, 186802.	7.8	2

#	ARTICLE	IF	CITATIONS
19	Mechanically driven spin-orbit-active weak links. <i>Low Temperature Physics</i> , 2018, 44, 1228-1231.	0.6	2
20	Spin-polaronic effects in electric shuttling in a single molecule transistor with magnetic leads. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2020, 122, 114151.	2.7	2
21	Magnetoconductivity of a metal with a closed Fermi surface reconstructed by a biaxial density wave. <i>Physical Review B</i> , 2021, 104, .	3.2	2
22	Nanomechanical cat states generated by a dc voltage-driven Cooper pair box qubit. <i>Npj Quantum Information</i> , 2022, 8, .	6.7	2
23	Dynamics of Some Bouncing Ball Systems. <i>Progress of Theoretical Physics Supplement</i> , 2000, 139, 382-391.	0.1	1
24	New SDW and FISDW phases in quasi-one-dimensional metals with dimerization in low-conducting direction. <i>Synthetic Metals</i> , 2003, 137, 1285-1286.	3.9	1
25	Exact solution of the magnetic breakdown problem in quasi-one-dimensional geometry. <i>European Physical Journal Special Topics</i> , 2004, 114, 129-132.	0.2	1
26	Magnetic breakdown induced Peierls transition. <i>Physica B: Condensed Matter</i> , 2009, 404, 364-366.	2.7	0
27	Spin-controlled mechanics in nanoelectromechanical systems. <i>Physica B: Condensed Matter</i> , 2015, 460, 227-230.	2.7	0
28	Coulomb effects on thermally induced shuttling of spin-polarized electrons. <i>Low Temperature Physics</i> , 2019, 45, 1032-1040.	0.6	0
29	Frequency-dependent dielectric response of ferroelectricâ€“dielectric junction with negative electric capacitance. <i>European Physical Journal Plus</i> , 2020, 135, 1.	2.6	0