

AndĀla KalvovĀ;

List of Publications by Year in descending order

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29
papers

256
citations

1039406

9
h-index

996533

15
g-index

30
all docs

30
docs citations

30
times ranked

64
citing authors

#	ARTICLE	IF	CITATIONS
1	Relation between full NEGF, non-Markovian and Markovian transport equations. European Physical Journal: Special Topics, 2021, 230, 771-808.	1.2	4
2	Beyond the Generalized Kadanoff-Baym Ansatz. Physica Status Solidi (B): Basic Research, 2019, 256, 1800594.	0.7	8
3	Generalized master equation for a molecular bridge improved by vertex correction to the Generalized Kadanoff-Baym Ansatz. Europhysics Letters, 2018, 121, 67002.	0.7	11
4	Transient Magnetic Currents Through a Molecular Bridge: Limits to Reduction of Nonequilibrium Green's Functions to a Generalized Master Equation. Journal of Superconductivity and Novel Magnetism, 2017, 30, 807-811.	0.8	7
5	Nonequilibrium dynamics of open systems and fluctuation-dissipation theorems. Fortschritte Der Physik, 2017, 65, 1700032.	1.5	9
6	Transient Magnetic Tunneling Mediated by a Molecular Bridge. Journal of Superconductivity and Novel Magnetism, 2015, 28, 1087-1091.	0.8	5
7	Transient magnetic tunneling mediated by a molecular bridge in the junction region. EPJ Web of Conferences, 2014, 75, 02004.	0.1	2
8	Electron Systems Out of Equilibrium: Nonequilibrium Green's Function Approach. , 2014, , 83-192.		0
9	Electron systems out of equilibrium: Nonequilibrium Green's function approach. International Journal of Modern Physics B, 2014, 28, 1430013.	1.0	20
10	Fast Transient Current Response to Switching Events in Short Chains of Molecular Islands. Journal of Superconductivity and Novel Magnetism, 2013, 26, 773-777.	0.8	8
11	Fast dynamics of molecular bridges. Physica Scripta, 2012, T151, 014037.	1.2	6
12	Fast transients in mesoscopic systems. , 2011, , .		3
13	Single molecule bridge as a testing ground for using NGF outside of the steady current regime. Physica E: Low-Dimensional Systems and Nanostructures, 2010, 42, 539-549.	1.3	9
14	Correlated initial condition for an embedded process by time partitioning. Physical Review B, 2010, 81, .	1.1	16
15	Dynamics of mesoscopic systems: Non-equilibrium Green's functions approach. Physica E: Low-Dimensional Systems and Nanostructures, 2010, 42, 525-538.	1.3	7
16	Ward identity for nonequilibrium Fermi systems. Physical Review B, 2008, 77, .	1.1	19
17	Quasiparticle states of electron systems out of equilibrium. Physical Review B, 2007, 75, .	1.1	13
18	Between Green's functions and transport equations: reconstruction theorems and the role of initial conditions. Journal of Physics: Conference Series, 2006, 35, 1-16.	0.3	19

#	ARTICLE	IF	CITATIONS
19	Long and short time quantum dynamics: I. Between Green's functions and transport equations. Physica E: Low-Dimensional Systems and Nanostructures, 2005, 29, 154-174.	1.3	28
20	Long and short time quantum dynamics: II. Kinetic regime. Physica E: Low-Dimensional Systems and Nanostructures, 2005, 29, 175-195.	1.3	17
21	Long and short time quantum dynamics: III. Transients. Physica E: Low-Dimensional Systems and Nanostructures, 2005, 29, 196-212.	1.3	22
22	Photoexcited transients in disordered semiconductors: Quantum coherence at very short to intermediate times. Physical Review B, 2002, 65, .	1.1	7
23	Transient Quasiparticle Dynamics. Physica Status Solidi (B): Basic Research, 1998, 206, 341-348.	0.7	4
24	Coherence of Electron Photoexcitation by Extremely Short Strong Light Pulses. Acta Physica Polonica A, 1998, 94, 374-378.	0.2	0
25	Interband quantum kinetics with static disorder scattering. Zeitschrift für Physik B-Condensed Matter, 1997, 103, 33-40.	1.1	2
26	Quasiparticle Formation and Decay in Pulsed Photoexcitation of Disordered Semiconductors. Acta Physica Polonica A, 1997, 92, 809-814.	0.2	0
27	Optically Induced Gaps in Disordered Semiconductors. Acta Physica Polonica A, 1996, 90, 837-842.	0.2	1
28	Buildup and decoherence of optical transients in disordered semiconductors. Physica Status Solidi (B): Basic Research, 1995, 188, 515-529.	0.7	8
29	Ultrafast Dynamics and Quantum Transport of Electrons in Strongly Disordered Semiconductors. Acta Physica Polonica A, 1995, 88, 767-770.	0.2	1