

AndĀla KalvovĀ;

List of Publications by Year in descending order

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29
papers

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1039406

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all docs

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docs citations

30
times ranked

64
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Long and short time quantum dynamics: III. Transients. Physica E: Low-Dimensional Systems and Nanostructures, 2005, 29, 196-212.	1.3	22
3	Electron systems out of equilibrium: Nonequilibrium Green's function approach. International Journal of Modern Physics B, 2014, 28, 1430013.	1.0	20
4	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
5	Ward identity for nonequilibrium Fermi systems. Physical Review B, 2008, 77, .	1.1	19
6	Long and short time quantum dynamics: II. Kinetic regime. Physica E: Low-Dimensional Systems and Nanostructures, 2005, 29, 175-195.	1.3	17
7	Correlated initial condition for an embedded process by time partitioning. Physical Review B, 2010, 81, .	1.1	16
8	Quasiparticle states of electron systems out of equilibrium. Physical Review B, 2007, 75, .	1.1	13
9	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
10	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
11	Nonequilibrium dynamics of open systems and fluctuation-dissipation theorems. Fortschritte Der Physik, 2017, 65, 1700032.	1.5	9
12	Buildup and decoherence of optical transients in disordered semiconductors. Physica Status Solidi (B): Basic Research, 1995, 188, 515-529.	0.7	8
13	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
14	Beyond the Generalized Kadanoff-Baym Ansatz. Physica Status Solidi (B): Basic Research, 2019, 256, 1800594.	0.7	8
15	Photoexcited transients in disordered semiconductors: Quantum coherence at very short to intermediate times. Physical Review B, 2002, 65, .	1.1	7
16	Dynamics of mesoscopic systems: Non-equilibrium Green's functions approach. Physica E: Low-Dimensional Systems and Nanostructures, 2010, 42, 525-538.	1.3	7
17	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
18	Fast dynamics of molecular bridges. Physica Scripta, 2012, T151, 014037.	1.2	6

#	ARTICLE	IF	CITATIONS
19	Transient Magnetic Tunneling Mediated by a Molecular Bridge. <i>Journal of Superconductivity and Novel Magnetism</i> , 2015, 28, 1087-1091.	0.8	5
20	Transient Quasiparticle Dynamics. <i>Physica Status Solidi (B): Basic Research</i> , 1998, 206, 341-348.	0.7	4
21	Relation between full NEGF, non-Markovian and Markovian transport equations. <i>European Physical Journal: Special Topics</i> , 2021, 230, 771-808.	1.2	4
22	Fast transients in mesoscopic systems. , 2011, , .		3
23	Interband quantum kinetics with static disorder scattering. <i>Zeitschrift für Physik B-Condensed Matter</i> , 1997, 103, 33-40.	1.1	2
24	Transient magnetic tunneling mediated by a molecular bridge in the junction region. <i>EPJ Web of Conferences</i> , 2014, 75, 02004.	0.1	2
25	Ultrafast Dynamics and Quantum Transport of Electrons in Strongly Disordered Semiconductors. <i>Acta Physica Polonica A</i> , 1995, 88, 767-770.	0.2	1
26	Optically Induced Gaps in Disordered Semiconductors. <i>Acta Physica Polonica A</i> , 1996, 90, 837-842.	0.2	1
27	Electron Systems Out of Equilibrium: Nonequilibrium Green's Function Approach. , 2014, , 83-192.		0
28	Quasiparticle Formation and Decay in Pulsed Photoexcitation of Disordered Semiconductors. <i>Acta Physica Polonica A</i> , 1997, 92, 809-814.	0.2	0
29	Coherence of Electron Photoexcitation by Extremely Short Strong Light Pulses. <i>Acta Physica Polonica A</i> , 1998, 94, 374-378.	0.2	0