

Juzar Thingna

List of Publications by Year in descending order

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34
papers

778
citations

567281

15
h-index

501196

28
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34
all docs

34
docs citations

34
times ranked

687
citing authors

#	ARTICLE	IF	CITATIONS
1	Floquet engineering of Lie algebraic quantum systems. <i>Physical Review B</i> , 2022, 105, .	3.2	2
2	Comment on "Loss-Free Excitonic Quantum Battery". <i>Journal of Physical Chemistry C</i> , 2021, 125, 7518-7520.	3.1	5
3	Degenerated Liouvillians and steady-state reduced density matrices. <i>Chaos</i> , 2021, 31, 073114.	2.5	12
4	Stochastic thermodynamics of inertial-like Stuart-Landau dimer. <i>New Journal of Physics</i> , 2021, 23, 105005.	2.9	7
5	Quantum transient heat transport in the hyperparametric oscillator. <i>Physical Review A</i> , 2021, 104, .	2.5	1
6	Monitoring Quantum Otto Engines. <i>PRX Quantum</i> , 2021, 2, .	9.2	17
7	Temperature-Induced Catch-Slip to Slip Bond Transit in Plasmodium falciparum-Infected Erythrocytes. <i>Biophysical Journal</i> , 2020, 118, 105-116.	0.5	7
8	Quantum measurements of sums. <i>Physical Review A</i> , 2020, 102, .	2.5	8
9	Magnetic field induced symmetry breaking in nonequilibrium quantum networks. <i>New Journal of Physics</i> , 2020, 22, 083026.	2.9	10
10	Edge mode bifurcations of two-dimensional topological lasers. <i>Optics Letters</i> , 2020, 45, 3673.	3.3	5
11	Quasi-stationary states of game-driven systems: A dynamical approach. <i>Chaos</i> , 2020, 30, 123145.	2.5	4
12	Landau-Zener Lindblad equation and work extraction from coherences. <i>Physical Review E</i> , 2019, 99, 042142.	2.1	13
13	Many-body open quantum systems beyond Lindblad master equations. <i>Physical Review A</i> , 2019, 99, .	2.5	28
14	Thermodynamics of energy, charge, and spin currents in a thermoelectric quantum-dot spin valve. <i>Physical Review B</i> , 2018, 97, .	3.2	12
15	Collective Power: Minimal Model for Thermodynamics of Nonequilibrium Phase Transitions. <i>Physical Review X</i> , 2018, 8, .	8.9	47
16	Interfacial thermal transport with strong system-bath coupling: A phonon delocalization effect. <i>Physical Review B</i> , 2018, 97, .	3.2	15
17	Finite coupling effects in double quantum dots near equilibrium. <i>Physical Review B</i> , 2017, 95, .	3.2	15
18	Kinetics and thermodynamics of a driven open quantum system. <i>Physical Review E</i> , 2017, 96, 052132.	2.1	16

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19	Single molecule and multiple bond characterization of catch bond associated cytoadhesion in malaria. <i>Scientific Reports</i> , 2017, 7, 4208.	3.3	14
20	Quantum thermal transport through anharmonic systems: A self-consistent approach. <i>Physical Review B</i> , 2016, 94, .	3.2	17
21	Effective Floquetâ€™Gibbs states for dissipative quantum systems. <i>New Journal of Physics</i> , 2016, 18, 053008.	2.9	55
22	Dynamical signatures of molecular symmetries in nonequilibrium quantum transport. <i>Scientific Reports</i> , 2016, 6, 28027.	3.3	43
23	Thermoelectric transport through a quantum nanoelectromechanical system and its backaction. <i>Physical Review B</i> , 2015, 91, .	3.2	18
24	Boosting thermoelectric efficiency using time-dependent control. <i>Scientific Reports</i> , 2015, 5, 14870.	3.3	32
25	Improved Dyson series expansion for steady-state quantum transport beyond the weak coupling limit: Divergences and resolution. <i>Journal of Chemical Physics</i> , 2014, 141, 194101.	3.0	28
26	Geometric quantum pumping in the presence of dissipation. <i>Physical Review B</i> , 2014, 90, .	3.2	9
27	Nonequilibrium Greenâ€™s function method for quantum thermal transport. <i>Frontiers of Physics</i> , 2014, 9, 673-697.	5.0	158
28	Spin rectification in thermally driven XXZ spin chain via the spin-Seebeck effect. <i>Europhysics Letters</i> , 2013, 104, 37006.	2.0	11
29	Nonlinearity enhanced interfacial thermal conductance and rectification. <i>Europhysics Letters</i> , 2013, 103, 64002.	2.0	26
30	Reduced density matrix for nonequilibrium steady states: A modified Redfield solution approach. <i>Physical Review E</i> , 2013, 88, 052127.	2.1	44
31	Generalized Gibbs state with modified Redfield solution: Exact agreement up to second order. <i>Journal of Chemical Physics</i> , 2012, 136, 194110.	3.0	47
32	Steady-state thermal transport in anharmonic systems: Application to molecular junctions. <i>Physical Review B</i> , 2012, 85, .	3.2	36
33	Photo-absorption spectra of small hydrogenated silicon clusters using the time-dependent density functional theory. <i>Journal of Physics and Chemistry of Solids</i> , 2011, 72, 1096-1100.	4.0	10
34	Geometrical effects on spin injection: 3D spin drift diffusion model. <i>Journal of Applied Physics</i> , 2011, 109, 124303.	2.5	6