

Jinshuang Jin

List of Publications by Year in descending order

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21
papers

779
citations

759233

12
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794594

19
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21
all docs

21
docs citations

21
times ranked

409
citing authors

#	ARTICLE	IF	CITATIONS
1	Exact dynamics of dissipative electronic systems and quantum transport: Hierarchical equations of motion approach. <i>Journal of Chemical Physics</i> , 2008, 128, 234703.	3.0	336
2	Non-equilibrium quantum theory for nanodevices based on the Feynman-Vernon influence functional. <i>New Journal of Physics</i> , 2010, 12, 083013.	2.9	95
3	Dissipation equation of motion approach to open quantum systems. <i>Frontiers of Physics</i> , 2016, 11, 1.	5.0	58
4	Dynamics of quantum dissipation systems interacting with fermion and boson grand canonical bath ensembles: Hierarchical equations of motion approach. <i>Journal of Chemical Physics</i> , 2007, 126, 134113.	3.0	50
5	Hierarchical Liouville-space approach to nonequilibrium dynamical properties of quantum impurity systems. <i>Physical Review B</i> , 2013, 88, .	3.2	39
6	Current noise spectra and mechanisms with dissipaton equation of motion theory. <i>Journal of Chemical Physics</i> , 2015, 142, 234108.	3.0	35
7	Inelastic electron transport through mesoscopic systems: Heating versus cooling and sequential tunneling versus cotunneling processes. <i>Physical Review B</i> , 2012, 85, .	3.2	29
8	Improved master equation approach to quantum transport: From Born to self-consistent Born approximation. <i>Journal of Chemical Physics</i> , 2014, 140, 244111.	3.0	24
9	Transient quantum transport in double-dot Aharonov-Bohm interferometers. <i>Physical Review B</i> , 2012, 86, .	3.2	22
10	Noise spectrum of a quantum dot resonator lasing circuit. <i>New Journal of Physics</i> , 2013, 15, 025044.	2.9	21
11	Non-Markovian shot noise spectrum of quantum transport through quantum dots. <i>Journal of Applied Physics</i> , 2011, 109, 053704.	2.5	19
12	Intrinsic coherence dynamics and phase localization in nanoscale Aharonov-Bohm interferometers. <i>Physical Review B</i> , 2011, 83, .	3.2	16
13	Chiral soliton model at finite temperature and density. <i>Physical Review C</i> , 2013, 88, .	2.9	9
14	Nonequilibrium noise spectrum and Coulomb blockade assisted Rabi interference in a double-dot Aharonov-Bohm interferometer. <i>Physical Review B</i> , 2020, 101, .	3.2	6
15	Manipulating quantum coherence of charge states in interacting double-dot Aharonov-Bohm interferometers. <i>New Journal of Physics</i> , 2018, 20, 043043.	2.9	5
16	Precision control of charge coherence in parallel double dot systems through spin-orbit interaction. <i>Journal of Chemical Physics</i> , 2013, 139, 064706.	3.0	4
17	Unraveling of a detailed-balance-preserved quantum master equation and continuous feedback control of a measured qubit. <i>Physical Review B</i> , 2016, 93, .	3.2	4
18	Nonequilibrium Kondo regime current noise spectrum of quantum dot systems with the single impurity Anderson model. <i>Journal of Chemical Physics</i> , 2021, 155, 014104.	3.0	4

#	ARTICLE	IF	CITATIONS
19	Number-resolved master equation approach to quantum transport under the self-consistent Born approximation. Science China: Physics, Mechanics and Astronomy, 2013, 56, 1866-1873.	5.1	2
20	Dissipative dynamic theory for open many-electron systems: Hierarchical equations-of-motion approach. , 2008, , .		1
21	Modified Bogoliubov-de Gennes treatment for Majorana conductances in three-terminal transports. Science China: Physics, Mechanics and Astronomy, 2022, 65, 1.	5.1	0