Jinshuang Jin

List of Publications by Year
in descending order

21 papers	779 citations	759233 12 h-index	794594 19 g-index
21 all docs	21 docs citations	21 times ranked	409 citing authors

#	Article	IF	Citations
1	Modified Bogoliubov-de Gennes treatment for Majorana conductances in three-terminal transports. Science China: Physics, Mechanics and Astronomy, 2022, 65, 1.	5.1	0
2	Nonequilibrium Kondo regime current noise spectrum of quantum dot systems with the single impurity Anderson model. Journal of Chemical Physics, 2021, 155, 014104.	3.0	4
3	Nonequilibirum noise spectrum and Coulomb blockade assisted Rabi interference in a double-dot Aharonov-Bohm interferometer. Physical Review B, 2020, 101, .	3.2	6
4	Manipulating quantum coherence of charge states in interacting double-dot Aharonov–Bohm interferometers. New Journal of Physics, 2018, 20, 043043.	2.9	5
5	Dissipation equation of motion approach to open quantum systems. Frontiers of Physics, 2016, 11, 1.	5.0	58
6	Unraveling of a detailed-balance-preserved quantum master equation and continuous feedback control of a measured qubit. Physical Review B, 2016, 93, .	3.2	4
7	Current noise spectra and mechanisms with dissipaton equation of motion theory. Journal of Chemical Physics, 2015, 142, 234108.	3.0	35
8	Improved master equation approach to quantum transport: From Born to self-consistent Born approximation. Journal of Chemical Physics, 2014, 140, 244111.	3.0	24
9	Noise spectrum of a quantum dot–resonator lasing circuit. New Journal of Physics, 2013, 15, 025044.	2.9	21
10	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
11	Chiral soliton model at finite temperature and density. Physical Review C, 2013, 88, .	2.9	9
12	Hierarchical Liouville-space approach to nonequilibrium dynamical properties of quantum impurity systems. Physical Review B, 2013, 88, .	3.2	39
13	Precision control of charge coherence in parallel double dot systems through spin-orbit interaction. Journal of Chemical Physics, 2013, 139, 064706.	3.0	4
14	Inelastic electron transport through mesoscopic systems: Heating versus cooling and sequential tunneling versus cotunneling processes. Physical Review B, 2012, 85, .	3.2	29
15	Transient quantum transport in double-dot Aharonov-Bohm interferometers. Physical Review B, 2012, 86, .	3.2	22
16	Intrinsic coherence dynamics and phase localization in nanoscale Aharonov-Bohm interferometers. Physical Review B, 2011, 83, .	3.2	16
17	Non-Markovian shot noise spectrum of quantum transport through quantum dots. Journal of Applied Physics, 2011, 109, 053704.	2.5	19
18	Non-equilibrium quantum theory for nanodevices based on the Feynman–Vernon influence functional. New Journal of Physics, 2010, 12, 083013.	2.9	95

#	Article	IF	Citations
19	Exact dynamics of dissipative electronic systems and quantum transport: Hierarchical equations of motion approach. Journal of Chemical Physics, 2008, 128, 234703.	3.0	336
20	Dissipative dynamic theory for open many-electron systems: Hierarchical equations-of-motion approach. , 2008, , .		1
21	Dynamics of quantum dissipation systems interacting with fermion and boson grand canonical bath ensembles: Hierarchical equations of motion approach. Journal of Chemical Physics, 2007, 126, 134113.	3.0	50