Jianhua Wei

List of Publications by Year
in descending order

22 papers	327 citations	1163117 8 h-index	839539 18 g-index
22 all docs	22 docs citations	22 times ranked	156 citing authors

#	Article	IF	Citations
1	Hierarchical Liouville-Space Approach for Accurate and Universal Characterization of Quantum Impurity Systems. Physical Review Letters, 2012, 109, 266403.	7.8	136
2	Hierarchical equations of motion for an impurity solver in dynamical mean-field theory. Physical Review B, 2014, 90, .	3.2	39
3	Time-dependent transport through quantum-impurity systems with Kondo resonance. New Journal of Physics, 2015, 17, 033009.	2.9	31
4	Long-range exchange interaction in triple quantum dots in the Kondo regime. Physical Review B, 2017, 95, .	3.2	19
5	Kondo-peak splitting and resonance enhancement caused by interdot tunneling in coupled double quantum dots. Physical Review B, 2018, 98, .	3.2	18
6	Reappearance of the Kondo effect in serially coupled symmetric triple quantum dots. Europhysics Letters, 2015, 112, 57001.	2.0	14
7	Theoretical Study on the Effect of Environment on Excitation Energy Transfer in Photosynthetic Light-Harvesting Systems. Journal of Physical Chemistry B, 2020, 124, 2354-2362.	2.6	12
8	Many-body Tunneling and Nonequilibrium Dynamics of Doublons in Strongly Correlated Quantum Dots. Scientific Reports, 2017, 7, 2486.	3.3	11
9	Corrected Kondo temperature beyond the conventional Kondo scaling limit. Journal of Physics Condensed Matter, 2017, 29, 175601.	1.8	8
10	Manipulation of Pauli spin blockade in double quantum dot systems. Journal of Chemical Physics, 2017, 146, 224304.	3.0	8
11	Transient dynamics of a quantum-dot: From Kondo regime to mixed valence and to empty orbital regimes. Journal of Chemical Physics, 2018, 148, 134111.	3.0	7
12	Precise simulation of single-hole spin control in quantum dots. Physical Review B, 2017, 96, .	3.2	4
13	Current-induced effective Dzyaloshinskiiâ€“Moriya interaction and its Kondo enhancement in double quantum dot. Journal of Chemical Physics, 2020, 152, 164113.	3.0	4
14	Role of Pigmentâ€“Protein Coupling in the Energy Transport Dynamics in the Fennaâ€“Matthewsâ€“Olson Complex. Journal of Physical Chemistry B, 2021, 125, 11884-11892.	2.6	4
15	Ferromagnetic Phase in Nonequilibrium Quantum Dots. Scientific Reports, 2017, 7, 18072.	3.3	3
16	Kondo resonance assisted thermoelectric transport through strongly correlated quantum dots. Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	5.1	3
17	Kondo effect in double quantum dots with ferromagnetic RKKY interaction. Journal of Physics Condensed Matter, 2017, 29, 025601.	1.8	2
18	Thermoelectric transport through strongly correlated double quantum dots with Kondo resonance. Physics Letters, Section A: General, Atomic and Solid State Physics, 2021, 415, 127657.	2.1	2

#	Article	IF	Citations
19	Superlattice and Multi-Quantum-Well Properties of MX Compounds. Physica Status Solidi (B): Basic Research, 2001, 225, 193-201.	1.5	1
20	Study the mixed valence problem in asymmetric Anderson model: Fanoâ€“Kondo resonance around Fermi level. Journal of Physics Condensed Matter, 2022, 34, 255601.	1.8	1
21	Many-body tunneling and nonequilibrium dynamics in double quantum dots with capacitive coupling. Journal of Physics Condensed Matter, 2020, 33, 075301.	1.8	0
22	Magnetic Field Dependent Kondo Transport through Double Quantum Dots System. Annalen Der Physik, 0, , 2100439.	2.4	0