

Hong-Gang Luo

List of Publications by Year in descending order

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175
papers

2,727
citations

186265

28
h-index

243625

44
g-index

178
all docs

178
docs citations

178
times ranked

2087
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced superconductivity and various edge modes in modulated chains. Physical Review B, 2022, 105, .		
2	Orbital projection technique to explore the materials genomes of optical susceptibilities. AIP Advances, 2022, 12, .	1.3	3
3	Magnetization of the spin-1/2 Heisenberg antiferromagnet on the triangular lattice. Physical Review B, 2022, 105, .	3.4	3
4	Extended high-harmonic spectra through a cascade resonance in confined quantum systems. Physical Review Research, 2022, 4, .	3.6	5
5	Interplay between Majorana fermion and impurity in thermal-driven transport model. Wuli Xuebao/Acta Physica Sinica, 2021, 70, 117401.	0.5	1
6	Kondo effect in a hybrid superconductor-quantum-dot-superconductor junction with proximity-induced p-wave pairing states. Physical Review B, 2021, 103, .	3.2	2
7	Prediction of crossing nodal-lines and large intrinsic spin Hall conductivity in topological Dirac semimetal Ta3As family. Npj Computational Materials, 2021, 7, .	8.7	14
8	Resistivity minimum emerges in Anderson impurity model modified with Sachdev-Ye-Kitaev interaction*. Chinese Physics B, 2021, 30, 047106.	1.4	0
9	Real-space parallel density matrix renormalization group with adaptive boundaries*. Chinese Physics B, 2021, 30, 080202.	1.4	7
10	Fundamental Models in the Light-Matter Interaction: Quantum Phase Transitions and the Polaron Picture. Advanced Quantum Technologies, 2021, 4, 2000139.	3.9	11
11	Quantum Phases in a Quantum Rabi Triangle. Physical Review Letters, 2021, 127, 063602.	7.8	29
12	Negative tunnel magnetoresistance in a quantum dot induced by interplay of a Majorana fermion and thermal-driven ferromagnetic leads*. Chinese Physics B, 2021, 30, 097401.	1.4	0
13	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
14	Doping a Mott insulator in an Ising-Kondo lattice: Strange metal and Mott criticality. Physical Review B, 2021, 104, .	3.2	3
15	Universality class and exact phase boundary in the superradiant phase transition. Physical Review A, 2021, 104, .	2.5	4
16	Strain-induced phase diagram of the Kitaev material CrSiTe ₃ . Physical Review B, 2021, 104, .	3.2	4
17	Effect of system-reservoir correlations on temperature estimation. Chinese Physics B, 2020, 29, 020501.	1.4	2
18	Hexagonal Ising-Kondo lattice: An implication for intrinsic antiferromagnetic topological insulator. Physical Review B, 2020, 102, .	3.2	1

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19	Quantum phase transitions and critical behaviors in the two-mode three-level quantum Rabi model. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 315302.	2.1	5
20	Kondo resonance assisted thermoelectric transport through strongly correlated quantum dots. Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	5.1	3
21	Spin Seebeck effect induced by a Majorana zero mode in a nanomagnet. Physica E: Low-Dimensional Systems and Nanostructures, 2020, 124, 114313.	2.7	7
22	Lifshitz transition in triangular lattice Kondo-Heisenberg model*. Chinese Physics B, 2020, 29, 077102.	1.4	0
23	Resilience of the superradiant phase against $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:msup} \langle \text{mml:mrow} \langle \text{mml:mi mathvariant="normal"} \rangle \text{A} \langle \text{mml:mi} \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle$ effects in the quantum Rabi dimer. Physical Review A, 2020, 101, .	2.5	6
24	Application of the polaron picture in the two-qubit quantum Rabi model. Physical Review A, 2020, 101, .	2.5	8
25	Kondo effect in monolayer transition metal dichalcogenide Ising superconductors. Physical Review B, 2020, 101, .	3.2	4
26	Non-Markovian effect on quantum optical metrology under a dissipative environment. Physical Review A, 2020, 101, .	2.5	3
27	Spin-resolved transport through a quantum dot driven by bias and temperature gradient. Physica E: Low-Dimensional Systems and Nanostructures, 2020, 119, 114030.	2.7	2
28	Performance of the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mi} \rangle T \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -matrix based master equation for Coulomb drag in double quantum dots. Physical Review B, 2020, 101, .	3.2	4
29	Analysis of time-resolved single-particle spectrum on the one-dimensional extended Hubbard model. Physical Review B, 2020, 101, .	3.2	5
30	Fraction conductivity induced by a Majorana zero mode in a nanomagnet. Journal of Magnetism and Magnetic Materials, 2020, 506, 166795.	2.3	2
31	Spin Fano Resonances and Control in Two-Dimensional Mesoscopic Transport. Physical Review Applied, 2020, 13, .	3.8	10
32	Improved hybrid parallel strategy for density matrix renormalization group method*. Chinese Physics B, 2020, 29, 070202.	1.4	5
33	Many-body tunneling and nonequilibrium dynamics in double quantum dots with capacitive coupling. Journal of Physics Condensed Matter, 2020, 33, 075301.	1.8	0
34	Tunable giant magnetoresistance in a single-molecule junction. Nature Communications, 2019, 10, 3599.	12.8	50
35	Parity dependent phase diagrams in spin-cluster two-leg ladders. Physical Review B, 2019, 99, .	3.2	2
36	Photoinduced enhancement of bond order in the one-dimensional extended Hubbard model. Physical Review B, 2019, 100, .	3.2	9

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37	Retrieving Ideal Precision in Noisy Quantum Optical Metrology. Physical Review Letters, 2019, 123, 040402.	7.8	39
38	Benchmarking the simplest slave-particle theory with Hubbard dimer*. Chinese Physics B, 2019, 28, 107103.	1.4	3
39	Polaron picture of the two-photon quantum Rabi model. Physical Review A, 2019, 99, .	2.5	42
40	Ellipticity dependence transition induced by dynamical Bloch oscillations. Physical Review B, 2019, 99, .	3.2	38
41	Studies on the Rabi Model. Journal of Physics: Conference Series, 2019, 1163, 012003.	0.4	2
42	Photoinduced charge carrier dynamics in Hubbard two-leg ladders and chains. Physical Review B, 2019, 99, .	3.2	4
43	Long-range overlapping of Kondo clouds in open triple quantum dots. Journal of Physics Condensed Matter, 2019, 31, 155302.	1.8	2
44	Variational generalized rotating-wave approximation in the two-qubit quantum Rabi model. Physical Review A, 2019, 99, .	2.5	15
45	Exactly solvable Kondo lattice model in the anisotropic limit. Physical Review B, 2019, 100, .	3.2	10
46	Spin-resolved transport physics induced by a Majorana-fermion zero mode. AIP Advances, 2019, 9, 125115.	1.3	2
47	Finite temperature physics of 1D topological Kondo insulator: Stable Haldane phase, emergent energy scale and beyond. Frontiers of Physics, 2019, 14, 1.	5.0	4
48	Hybrid parallel optimization of density matrix renormalization group method. Wuli Xuebao/Acta Physica Sinica, 2019, 68, 120202.	0.5	3
49	Rashba-induced Kondo screening of a magnetic impurity in a two-dimensional superconductor. Physical Review B, 2018, 97, .	3.2	6
50	Spin Seebeck effect in a metal-single-molecule-magnet-metal junction. AIP Advances, 2018, 8, 015215.	1.3	6
51	Z_2 classification for a novel antiferromagnetic topological insulating phase in three-dimensional topological Kondo insulator. Journal of Physics Condensed Matter, 2018, 30, 435601.	1.8	6
52	Quantum criticality and state engineering in the simulated anisotropic quantum Rabi model. New Journal of Physics, 2018, 20, 053061.	2.9	29
53	Spin current generator in a single molecular magnet with spin bias. Journal of Magnetism and Magnetic Materials, 2018, 465, 9-13.	2.3	6
54	Magnetic states and Kondo screening in Weyl semimetals with chiral anomaly. Physical Review B, 2018, 98, .	3.2	10

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55	An analytical variational method for the biased quantum Rabi model in the ultra-strong coupling regime. Chinese Physics B, 2018, 27, 054219.	1.4	7
56	Understanding Pairing Structures In Superconductivity. , 2018, , .		0
57	The asymmetric quantum Rabi model in the polaron picture. Journal of Physics A: Mathematical and Theoretical, 2017, 50, 084003.	2.1	8
58	Corrected Kondo temperature beyond the conventional Kondo scaling limit. Journal of Physics Condensed Matter, 2017, 29, 175601.	1.8	8
59	Thermoelectric unipolar spin battery in a suspended carbon nanotube. Journal of Physics Condensed Matter, 2017, 29, 165302.	1.8	1
60	Simulating heavy fermion physics in optical lattice: Periodic Anderson model with harmonic trapping potential. Frontiers of Physics, 2017, 12, 1.	5.0	6
61	Inelastic Kondo-Andreev tunneling in a vibrating quantum dot. Physical Review B, 2017, 95, .	3.2	8
62	Frequency-renormalized multipolaron expansion for the quantum Rabi model. Physical Review A, 2017, 95, .	2.5	24
63	Charge Kondo effect in negative- U quantum dots with superconducting electrodes. Physical Review B, 2017, 96, .	3.2	13
64	Topological phase in 1D topological Kondo insulator: Z2 topological insulator, Haldane-like phase and Kondo breakdown. European Physical Journal B, 2017, 90, 1.	1.5	17
65	Universal Scaling and Critical Exponents of the Anisotropic Quantum Rabi Model. Physical Review Letters, 2017, 119, 220601.	7.8	98
66	Superfluid response in heavy fermion superconductors. Frontiers of Physics, 2017, 12, 1.	5.0	3
67	Magnetization jump in one dimensional $\hat{J} \hat{\sigma} \hat{Q}^2$ model with anisotropic exchange. Scientific Reports, 2017, 7, 18104.	3.3	5
68	Numerical method to compute optical conductivity based on pump-probe simulations. Physical Review B, 2016, 93, .	3.2	38
69	Kondo screening of Andreev bound states in a normal metal-“quantum dot”-superconductor system. Physical Review B, 2016, 94, .	3.2	13
70	Superfluid density in the slave-boson theory. European Physical Journal B, 2016, 89, 1.	1.5	2
71	Shear-Induced Structural Transformation for Tetragonal BC_4 . Journal of Physical Chemistry C, 2016, 120, 581-586.	3.1	3
72	Thermoelectric ZT enhanced by asymmetric configuration in single-molecule-magnet junctions. Journal Physics D: Applied Physics, 2016, 49, 045002.	2.8	5

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73	Kondo peak splitting and Kondo dip in single molecular magnet junctions. Journal of Magnetism and Magnetic Materials, 2016, 398, 131-136.	2.3	4
74	Floquet control of quantum dissipation in spin chains. Physical Review A, 2015, 91, .	2.5	36
75	Ground-state phase diagram of the quantum Rabi model. Physical Review A, 2015, 92, .	2.5	50
76	Fano resonance in a normal metal/ferromagnet-quantum dot-superconductor device. Physical Review B, 2015, 92, .	3.2	8
77	Spin susceptibility of Anderson impurities in arbitrary conduction bands. Physical Review B, 2015, 92, .	3.2	15
78	Phonon-Assisted Spin Current in Single Molecular Magnet Junctions. Chinese Physics Letters, 2015, 32, 117201.	3.3	6
79	Kondo peak splitting and Kondo dip induced by a local moment. Scientific Reports, 2015, 5, 18021.	3.3	7
80	Lateral manipulation and interplay of local Kondo resonances in a two-impurity Kondo system. Applied Physics Letters, 2015, 107, 071604.	3.3	6
81	Thermoelectric-induced unitary Cooper pair splitting efficiency. Applied Physics Letters, 2015, 107, .	3.3	20
82	Universal formalism of Fano resonance. AIP Advances, 2015, 5, .	1.3	29
83	Fermionology in the Kondo-Heisenberg model: the case of CeCoIn5. European Physical Journal B, 2015, 88, 1.	1.5	4
84	Extended s-wave pairing symmetry on the triangular lattice heavy fermion system. European Physical Journal B, 2015, 88, 1.	1.5	2
85	Topological incommensurate magnetization plateaus in quasi-periodic quantum spin chains. Scientific Reports, 2015, 5, 8433.	3.3	12
86	Phase diagram of the one-dimensional t-J model with long-range dipolar interactions. Europhysics Letters, 2015, 110, 37002.	2.0	7
87	Phase separation in one-dimensional hard-core boson system with two- and three-body interactions. European Physical Journal B, 2015, 88, 1.	1.5	2
88	Coexistence of antiferromagnetism and superconductivity of $\langle \text{mml:math altimg="si0006.gif"} \rangle$ <small>overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sh="http://www.elsevier.com/xml/co</small>	2.7	12
89	Topological defects and inhomogeneous spin patterns induced by the quadratic Zeeman effect in spin-1 Bose-Einstein condensates. Physical Review A, 2015, 91, .	2.5	12
90	Mean photon number dependent variational method to the Rabi model. New Journal of Physics, 2015, 17, 043001.	2.9	17

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91	Currents and current correlations in a topological superconducting nanowire beam splitter. Europhysics Letters, 2015, 111, 57002.	2.0	2
92	Pressure effect on structural, elastic, and thermodynamic properties of tetragonal B4C4. AIP Advances, 2015, 5, .	1.3	8
93	Absence of coherent peaks in a Z2 fractionalized BCS superconducting state. Physica B: Condensed Matter, 2015, 456, 221-226.	2.7	0
94	Phase separation induced by density-spin interaction in one-dimensional extended t-J model. Wuli Xuebao/Acta Physica Sinica, 2015, 64, 187105.	0.5	0
95	Topological nature of magnetization plateaus in periodically modulated quantum spin chains. Physical Review B, 2014, 90, .	3.2	24
96	$0 \leq \nu < 1$ characteristic of the Josephson current in a carbon nanotube quantum dot. Physical Review B, 2014, 89, .	3.2	9
97	Canonical versus noncanonical equilibration dynamics of open quantum systems. Physical Review E, 2014, 90, 022122.	2.1	28
98	Multi-soliton management by the integrable nonautonomous nonlinear integro-differential Schrödinger equation. Annals of Physics, 2014, 350, 112-123.	2.8	13
99	Mechanical anisotropy and origin of shear plastic deformation of tetragonal B ₄ C ₄ . Europhysics Letters, 2014, 108, 16001.	2.0	4
100	Kondo Effect of Cobalt Adatoms on a Graphene Monolayer Controlled by Substrate-Induced Ripples. Nano Letters, 2014, 14, 4011-4015.	9.1	60
101	Kondo spin liquid in the Kondo necklace model: Classical disordered phase versus symmetry-protected topological state. Physica B: Condensed Matter, 2014, 446, 22-27.	2.7	1
102	Simulating Zeno physics by a quantum quench with superconducting circuits. Physical Review A, 2014, 89, .	2.5	11
103	Z^2 fractionalized Chern/topological insulators in an exactly soluble correlated model. Physical Review B, 2013, 88, .	2.5	14
104	ORTHOGONAL DIRAC SEMIMETAL ON HONEYCOMB LATTICE. International Journal of Modern Physics B, 2013, 27, 1361002.	2.0	0
105	Anomalous decoherence in a dissipative two-level system. Physical Review A, 2013, 87, .	2.5	33
106	Half-filled Kondo lattice on the honeycomb lattice. European Physical Journal B, 2013, 86, 1.	1.5	7
107	Generating many Majorana modes via periodic driving: A superconductor model. Physical Review B, 2013, 87, .	3.2	149
108	Gap solitons of a super-Tonks-Girardeau gas in a one-dimensional periodic potential. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 035301.	1.5	1

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109	The Kondo effect of an adatom in graphene and its scanning tunneling spectroscopy. <i>New Journal of Physics</i> , 2013, 15, 053018.	2.9	14
110	Topological antiferromagnetic spin-density-wave phase in an extended Kondo lattice model. <i>Physical Review B</i> , 2013, 87, .	3.2	9
111	Frozen Gaussian quantum discord in photonic crystal cavity array system. <i>Physical Review A</i> , 2013, 88, .	2.5	18
112	Topological quantum phase transition in Kane-Mele-Kondo lattice model. <i>Physical Review B</i> , 2013, 88, .	3.2	5
113	Interplay between periodicity and nonlinearity of indirect excitons in coupled quantum wells. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 455301.	1.8	1
114	Inhomogeneity of the phase space of the damped harmonic oscillator under Lévy noise. <i>Physical Review E</i> , 2012, 85, 042101.	2.1	4
115	Penetration depth study of LaOs ₄ Sb ₁₂ : Multiband-wave superconductivity. <i>Physical Review B</i> , 2012, 86, .	3.2	5
116	Alternative Kondo breakdown mechanism: Orbital-selective orthogonal metal transition. <i>Physical Review B</i> , 2012, 86, .	3.2	14
117	Extended dual description of Mott transition beyond two-dimensional space. <i>Physical Review B</i> , 2012, 85, .	3.2	3
118	Coexistence of ferromagnetism and superconductivity in YBCO nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 3859.	2.8	17
119	Painlevé integrability of two-component nonautonomous nonlinear Schrödinger equations. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2012, 45, 115203.	2.1	4
120	Correlated metallic state in honeycomb lattice: Orthogonal Dirac semimetal. <i>Physical Review B</i> , 2012, 86, .	3.2	13
121	Compensation effect in carbon nanotube quantum dots coupled to polarized electrodes in the presence of spin-orbit coupling. <i>Physical Review B</i> , 2011, 84, .	3.2	7
122	Phonon-assisted transport through suspended carbon nanotube quantum dots. <i>Physical Review B</i> , 2011, 84, .	3.2	21
123	Quantum phase transition in the delocalized regime of the spin-boson model. <i>Physical Review B</i> , 2011, 84, .	3.2	26
124	Matter-wave solitons in heteronuclear atomic Bose-Einstein condensates with synchronously controllable interactions and potentials. <i>Physical Review A</i> , 2011, 84, .	2.5	9
125	AKNS hierarchy, Darboux transformation and conservation laws of the 1D nonautonomous nonlinear Schrödinger equations. <i>Journal of Mathematical Physics</i> , 2011, 52, .	1.1	36
126	Entanglement distribution over the subsystems and its invariance. <i>Quantum Information and Computation</i> , 2011, 11, 874-884.	0.3	3

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127	Decoherence suppression of a dissipative qubit by the non-Markovian effect. Journal of Physics B: Atomic, Molecular and Optical Physics, 2010, 43, 155501.	1.5	24
128	Optimizing Hartree-Fock orbitals by the density-matrix renormalization group. Physical Review B, 2010, 81, .	3.2	40
129	On the Nonautonomous Nonlinear Schrödinger Equations and Soliton Management. , 2010, , .		2
130	Non-Markovian effect on the geometric phase of a dissipative qubit. Physical Review A, 2010, 81, .	2.5	32
131	Mechanism of entanglement preservation. Physical Review A, 2010, 81, .	2.5	108
132	Tuning the Kondo and Fano effects in double quantum dots. Physical Review B, 2010, 81, .	3.2	21
133	Engineering integrable nonautonomous nonlinear Schrödinger equations. Physical Review E, 2009, 79, 056610.	2.1	90
134	Dynamics and modulation of ring dark solitons in two-dimensional Bose-Einstein condensates with tunable interaction. Physical Review A, 2009, 79, .	2.5	42
135	Theoretical modeling of spatial- and temperature-dependent exciton energy in coupled quantum wells. Physical Review B, 2009, 80, .	3.2	9
136	Intrinsic electron and hole bands in electron-doped cuprate superconductors. Physical Review B, 2009, 79, .	3.2	37
137	Exactly controllable transmission of nonautonomous optical solitons. Physical Review A, 2009, 79, .	2.5	71
138	Transformation from the nonautonomous to standard NLS equations. European Physical Journal D, 2009, 53, 213-216.	1.3	43
139	Integrability of the Gross-Pitaevskii equation with Feshbach resonance management. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 5644-5650.	2.1	47
140	Scaling analysis of normal-state properties of high-temperature superconductors. Physical Review B, 2008, 77, .	3.2	38
141	Differential Representations of SO(4) Dynamical Group. Communications in Theoretical Physics, 2008, 50, 63-68.	2.5	0
142	Kondo Effect in Carbon Nanotube Quantum Dots with Spin-Orbit Coupling. Physical Review Letters, 2008, 101, 246805.	7.8	45
143	Entanglement dynamics of qubits in a common environment. Physica A: Statistical Mechanics and Its Applications, 2007, 382, 753-764.	2.6	24
144	Pattern formation of indirect excitons in coupled quantum wells. Journal of Physics Condensed Matter, 2006, 18, 9659-9668.	1.8	22

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145	Universal scaling behavior of the c-axis resistivity of high-temperature superconductors. Physical Review B, 2006, 73, .	3.2	18
146	Luo et al. Reply. Physical Review Letters, 2006, 96, .	7.8	6
147	Two-band model of Raman scattering on electron-doped high-Tc superconductors. Physical Review B, 2006, 73, .	3.2	21
148	A direct truncation method for finding abundant exact solutions and application to the one-dimensional higher-order Schrödinger equation. Chaos, Solitons and Fractals, 2005, 24, 533-547.	5.1	4
149	Constraint Dynamics and Tracking Control to Coherence of a Thermal Dissipative Qubit. Chinese Physics Letters, 2005, 22, 3009-3012.	3.3	1
150	Geometrical Structure Effect on Localization Length of Carbon Nanotubes. Chinese Physics Letters, 2005, 22, 2375-2378.	3.3	1
151	Thermodynamic properties of tetrameric bond-alternating spin chains. Physical Review B, 2005, 71, .	3.2	13
152	Superfluid Response in Electron-Doped Cuprate Superconductors. Physical Review Letters, 2005, 94, 027001.	7.8	56
153	Entanglement production and decoherence-free subspace of two single-mode cavities embedded in a common environment. Journal of Physics A, 2005, 38, 3579-3593.	1.6	22
154	Spin Switch and Qubit Register from a Spin Particle Controlled by a Time-Dependent Magnetic Field. Chinese Physics Letters, 2004, 21, 778-781.	3.3	5
155	Production of Squeezed State of Single Mode Cavity Field by the Coupling of Squeezed Vacuum Field Reservoir in Nonautonomous Case. Chinese Physics Letters, 2004, 21, 1-4.	3.3	10
156	Electron spin transport through an Aharonov-Bohm ring a spin switch. Journal of Physics Condensed Matter, 2004, 16, 2043-2052.	1.8	3
157	A two-level atom coupled to a controllable squeezed vacuum field reservoir. Journal of Optics B: Quantum and Semiclassical Optics, 2004, 6, 510-516.	1.4	4
158	Fano Resonance for Anderson Impurity Systems. Physical Review Letters, 2004, 92, 256602.	7.8	64
159	Effect of impurity resonance states on the NMR spectra of high-Tc cuprates. Physical Review B, 2004, 70, .	3.2	2
160	Dark and bright solitons in a quasi-one-dimensional Bose-Einstein condensate. Physical Review A, 2003, 68, .	2.5	42
161	Comment on "Time-Dependent Density-Matrix Renormalization Group: A Systematic Method for the Study of Quantum Many-Body Out-of-Equilibrium Systems": Physical Review Letters, 2003, 91, 049701; author reply 049702.	7.8	60
162	Effect of bilayer coupling on tunneling conductance of double-layer high-Tc cuprates. Physical Review B, 2003, 68, .	3.2	9

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163	Dynamical symmetry and analytical solutions of the non-autonomous quantum master equation of the dissipative two-level system: decoherence of the quantum register. Journal of Physics A, 2003, 36, 829-840.	1.6	16
164	Magnetic flux effects in an Aharonov-Bohm ring with an inserted quantum dot. Physical Review B, 2002, 66, .	3.2	10
165	Nonlocal effects in the metal-insulator transition beyond the Hubbard III approximation. Physical Review B, 2002, 65, .	3.2	2
166	Exact solution to the von Neumann equation of the quantum characteristic function of the two-level Jaynes-Cummings model. Physical Review A, 2001, 64, .	2.5	14
167	Complex version KdV equation and the periods solution. Physics Letters, Section A: General, Atomic and Solid State Physics, 2000, 267, 331-334.	2.1	12
168	Equation of motion approach to the anharmonic oscillator. Physical Review B, 2000, 62, 5341-5344.	3.2	1
169	Specific heat of the periodic Anderson model at finite U . Physical Review B, 2000, 62, 1485-1488.	3.2	10
170	Higher-order correlation effects to the solution of the Hubbard model. Physical Review B, 2000, 61, 5158-5168.	3.2	11
171	Equation of motion approach to the two-dimensional Hubbard model. Physical Review B, 2000, 61, 13418-13423.	3.2	0
172	Moment-conserving decoupling approach for many-body systems. Physical Review B, 1999, 60, 15480-15483.	3.2	1
173	Damping of collective nuclear motion and thermodynamic properties of nuclei beyond mean field. Nuclear Physics A, 1999, 652, 164-185.	1.5	5
174	Equation of motion approach to the solution of the Anderson model. Physical Review B, 1999, 59, 9710-9713.	3.2	69
175	Magnetic Field Dependent Kondo Transport through Double Quantum Dots System. Annalen Der Physik, 0, , 2100439.	2.4	0