Hong-Gang Luo

List of Publications by Year
in descending order

175	2,727	186265	243625
papers	citations	28 h-index	44 g-index

178	178	178	2087
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Generating many Majorana modes via periodic driving: A superconductor model. Physical Review B, 2013, 87, .	3.2	149
2	Mechanism of entanglement preservation. Physical Review A, 2010, 81, .	2.5	108
3	Universal Scaling and Critical Exponents of the Anisotropic Quantum Rabi Model. Physical Review Letters, 2017, 119, 220601.	7.8	98
4	Engineering integrable nonautonomous nonlinear SchrÃ¶dinger equations. Physical Review E, 2009, 79, 056610.	2.1	90
5	Exactly controllable transmission of nonautonomous optical solitons. Physical Review A, 2009, 79, .	2.5	71
6	Equation of motion approach to the solution of the Anderson model. Physical Review B, 1999, 59, 9710-9713.	3.2	69
7	Fano Resonance for Anderson Impurity Systems. Physical Review Letters, 2004, 92, 256602.	7.8	64
8	Comment on â€œTime-Dependent Density-Matrix Renormalization Group: A Systematic Method for the Study of Quantum Many-Body Out-of-Equilibrium Systemsâ€• Physical Review Letters, 2003, 91, 049701; author reply 049702.	7.8	60
9	Kondo Effect of Cobalt Adatoms on a Graphene Monolayer Controlled by Substrate-Induced Ripples. Nano Letters, 2014, 14, 4011-4015.	9.1	60
10	Superfluid Response in Electron-Doped Cuprate Superconductors. Physical Review Letters, 2005, 94, 027001.	7.8	56
11	Ground-state phase diagram of the quantum Rabi model. Physical Review A, 2015, 92, .	2.5	50
12	Tunable giant magnetoresistance in a single-molecule junction. Nature Communications, 2019, 10, 3599.	12.8	50
13	Integrability of the Grossâ€“Pitaevskii equation with Feshbach resonance management. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 5644-5650.	2.1	47
14	Kondo Effect in Carbon Nanotube Quantum Dots with Spin-Orbit Coupling. Physical Review Letters, 2008, 101, 246805.	7.8	45
15	Transformation from the nonautonomous to standard NLS equations. European Physical Journal D, 2009, 53, 213-216.	1.3	43
16	Dark and bright solitons in a quasi-one-dimensional Bose-Einstein condensate. Physical Review A, 2003, 68, .	2.5	42
17	Dynamics and modulation of ring dark solitons in two-dimensional Bose-Einstein condensates with tunable interaction. Physical Review A, 2009, 79, .	2.5	42
18	Polaron picture of the two-photon quantum Rabi model. Physical Review A, 2019, 99, .	2.5	42

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19	Optimizing Hartree-Fock orbitals by the density-matrix renormalization group. Physical Review B, 2010, 81, .	3.2	40
20	Retrieving Ideal Precision in Noisy Quantum Optical Metrology. Physical Review Letters, 2019, 123, 040402.	7.8	39
21	Scaling analysis of normal-state properties of high-temperature superconductors. Physical Review B, 2008, 77, .	3.2	38
22	Numerical method to compute optical conductivity based on pump-probe simulations. Physical Review B, 2016, 93, .	3.2	38
23	Ellipticity dependence transition induced by dynamical Bloch oscillations. Physical Review B, 2019, 99, .	3.2	38
24	Intrinsic electron and hole bands in electron-doped cuprate superconductors. Physical Review B, 2009, 79, .	3.2	37
25	AKNS hierarchy, Darboux transformation and conservation laws of the 1D nonautonomous nonlinear SchrÃ¶dinger equations. Journal of Mathematical Physics, 2011, 52, .	1.1	36
26	Floquet control of quantum dissipation in spin chains. Physical Review A, 2015, 91, .	2.5	36
27	Anomalous decoherence in a dissipative two-level system. Physical Review A, 2013, 87, .	2.5	33
28	Non-Markovian effect on the geometric phase of a dissipative qubit. Physical Review A, 2010, 81, .	2.5	32
29	Universal formalism of Fano resonance. AIP Advances, 2015, 5, .	1.3	29
30	Quantum criticality and state engineering in the simulated anisotropic quantum Rabi model. New Journal of Physics, 2018, 20, 053061.	2.9	29
31	Quantum Phases in a Quantum Rabi Triangle. Physical Review Letters, 2021, 127, 063602.	7.8	29
32	Canonical versus noncanonical equilibration dynamics of open quantum systems. Physical Review E, 2014, 90, 022122.	2.1	28
33	Quantum phase transition in the delocalized regime of the spin-boson model. Physical Review B, 2011, 84, .	3.2	26
34	Entanglement dynamics of qubits in a common environment. Physica A: Statistical Mechanics and Its Applications, 2007, 382, 753-764.	2.6	24
35	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
36	Topological nature of magnetization plateaus in periodically modulated quantum spin chains. Physical Review B, 2014, 90, .	3.2	24

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37	Frequency-renormalized multipolaron expansion for the quantum Rabi model. Physical Review A, 2017, 95, .	2.5	24
38	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
39	Pattern formation of indirect excitons in coupled quantum wells. Journal of Physics Condensed Matter, 2006, 18, 9659-9668.	1.8	22
40	Two-band model of Raman scattering on electron-doped high-Tcsuperconductors. Physical Review B, 2006, 73, .	3.2	21
41	Tuning the Kondo and Fano effects in double quantum dots. Physical Review B, 2010, 81, .	3.2	21
42	Phonon-assisted transport through suspended carbon nanotube quantum dots. Physical Review B, 2011, 84, .	3.2	21
43	Thermoelectric-induced unitary Cooper pair splitting efficiency. Applied Physics Letters, 2015, 107, .	3.3	20
44	Universal scaling behavior of thec-axis resistivity of high-temperature superconductors. Physical Review B, 2006, 73, .	3.2	18
45	Frozen Gaussian quantum discord in photonic crystal cavity array system. Physical Review A, 2013, 88, .	2.5	18
46	Coexistence of ferromagnetism and superconductivity in YBCO nanoparticles. Physical Chemistry Chemical Physics, 2012, 14, 3859.	2.8	17
47	Mean photon number dependent variational method to the Rabi model. New Journal of Physics, 2015, 17, 043001.	2.9	17
48	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
49	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
50	Spin susceptibility of Anderson impurities in arbitrary conduction bands. Physical Review B, 2015, 92, .	3.2	15
51	Variational generalized rotating-wave approximation in the two-qubit quantum Rabi model. Physical Review A, 2019, 99, .	2.5	15
52	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
53	Alternative Kondo breakdown mechanism: Orbital-selective orthogonal metal transition. Physical Review B, 2012, 86, .	3.2	14
54	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Z</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>fractionalized Chern/topological insulators in an exactly soluble correlated model. Physical Review B, 2013, 88, .	3.2	14

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55	The Kondo effect of an adatom in graphene and its scanning tunneling spectroscopy. New Journal of Physics, 2013, 15, 053018.	2.9	14
56	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
57	Thermodynamic properties of tetrameric bond-alternating spin chains. Physical Review B, 2005, 71, .	3.2	13
58	Correlated metallic state in honeycomb lattice: Orthogonal Dirac semimetal. Physical Review B, 2012, 86, .	3.2	13
59	Multi-soliton management by the integrable nonautonomous nonlinear integro-differential SchrÃ¶dinger equation. Annals of Physics, 2014, 350, 112-123.	2.8	13
60	Kondo screening of Andreev bound states in a normal metalâ€“quantum dotâ€“superconductor system. Physical Review B, 2016, 94, .	3.2	13
61	Charge Kondo effect in negative- U quantum dots with superconducting electrodes. Physical Review B, 2017, 96, .	3.2	13
62	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
63	Topological incommensurate magnetization plateaus in quasi-periodic quantum spin chains. Scientific Reports, 2015, 5, 8433.	3.3	12
64	Coexistence of antiferromagnetism and superconductivity of <mml:math altimg="si0006.gif" 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:sb="http://www.elsevier.com/xml/co	2.7	12
65	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
66	Higher-order correlation effects to the solution of the Hubbard model. Physical Review B, 2000, 61, 5158-5168.	3.2	11
67	Simulating Zeno physics by a quantum quench with superconducting circuits. Physical Review A, 2014, 89, .	2.5	11
68	Fundamental Models in the Lightâ€“Matter Interaction: Quantum Phase Transitions and the Polaron Picture. Advanced Quantum Technologies, 2021, 4, 2000139.	3.9	11
69	Specific heat of the periodic Anderson model at finiteU. Physical Review B, 2000, 62, 1485-1488.	3.2	10
70	Magnetic flux effects in an Aharonov-Bohm ring with an inserted quantum dot. Physical Review B, 2002, 66, .	3.2	10
71	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
72	Magnetic states and Kondo screening in Weyl semimetals with chiral anomaly. Physical Review B, 2018, 98, .	3.2	10

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73	Exactly solvable Kondo lattice model in the anisotropic limit. Physical Review B, 2019, 100, .	3.2	10
74	Spin Fano Resonances and Control in Two-Dimensional Mesoscopic Transport. Physical Review Applied, 2020, 13, .	3.8	10
75	Effect of bilayer coupling on tunneling conductance of double-layer high-Tccuprates. Physical Review B, 2003, 68, .	3.2	9
76	Theoretical modeling of spatial- and temperature-dependent exciton energy in coupled quantum wells. Physical Review B, 2009, 80, .	3.2	9
77	Matter-wave solitons in heteronuclear atomic Bose-Einstein condensates with synchronously controllable interactions and potentials. Physical Review A, 2011, 84, .	2.5	9
78	Topological antiferromagnetic spin-density-wave phase in an extended Kondo lattice model. Physical Review B, 2013, 87, .	3.2	9
79	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mn>0</mml:mn><mml:mtext>â^'</mml:mtext><mml:mi>Ï€</mml:mi></ characteristic of the Josephson current in a carbon nanotube quantum dot. Physical Review B, 2014, 89, .	3.2	9
80	Photoinduced enhancement of bond order in the one-dimensional extended Hubbard model. Physical Review B, 2019, 100, .	3.2	9
81	Fano resonance in a normal metal/ferromagnet-quantum dot-superconductor device. Physical Review B, 2015, 92, .	3.2	8
82	Pressure effect on structural, elastic, and thermodynamic properties of tetragonal B4C4. AIP Advances, 2015, 5, .	1.3	8
83	The asymmetric quantum Rabi model in the polaron picture. Journal of Physics A: Mathematical and Theoretical, 2017, 50, 084003.	2.1	8
84	Corrected Kondo temperature beyond the conventional Kondo scaling limit. Journal of Physics Condensed Matter, 2017, 29, 175601.	1.8	8
85	Inelastic Kondo-Andreev tunneling in a vibrating quantum dot. Physical Review B, 2017, 95, .	3.2	8
86	Application of the polaron picture in the two-qubit quantum Rabi model. Physical Review A, 2020, 101, .	2.5	8
87	Compensation effect in carbon nanotube quantum dots coupled to polarized electrodes in the presence of spin-orbit coupling. Physical Review B, 2011, 84, .	3.2	7
88	Half-filled Kondo lattice on the honeycomb lattice. European Physical Journal B, 2013, 86, 1.	1.5	7
89	Kondo peak splitting and Kondo dip induced by a local moment. Scientific Reports, 2015, 5, 18021.	3.3	7
90	Phase diagram of the one-dimensional t-J model with long-range dipolar interactions. Europhysics Letters, 2015, 110, 37002.	2.0	7

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91	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
92	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
93	Real-space parallel density matrix renormalization group with adaptive boundaries*. Chinese Physics B, 2021, 30, 080202.	1.4	7
94	Magnetization of the spin- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mfrac><mml:mn>1</mml:mn><mml:mn>2</mml:mn></mml:mfrac></mml Heisenberg antiferromagnet on the triangular lattice. Physical Review B, 2022, 105, .	3.2	6
95	LuoetÂal.Reply:. Physical Review Letters, 2006, 96, .	7.8	6
96	Phonon-Assisted Spin Current in Single Molecular Magnet Junctions. Chinese Physics Letters, 2015, 32, 117201.	3.3	6
97	Lateral manipulation and interplay of local Kondo resonances in a two-impurity Kondo system. Applied Physics Letters, 2015, 107, 071604.	3.3	6
98	Simulating heavy fermion physics in optical lattice: Periodic Anderson model with harmonic trapping potential. Frontiers of Physics, 2017, 12, 1.	5.0	6
99	Rashba-induced Kondo screening of a magnetic impurity in a two-dimensional superconductor. Physical Review B, 2018, 97, .	3.2	6
100	Spin Seebeck effect in a metal-single-molecule-magnet-metal junction. AIP Advances, 2018, 8, 015215.	1.3	6
101	$mathcal{Z}_2$ 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
102	Spin current generator in a single molecular magnet with spin bias. Journal of Magnetism and Magnetic Materials, 2018, 465, 9-13.	2.3	6
103	Resilience of the superradiant phase against <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow><mml:mi mathvariant="normal">A</mml:mi></mml:mrow><mml:mn>2</mml:mn></mml:msup></mml:math> effects in the quantum Rabi dimer. Physical Review A, 2020, 101, .	2.5	6
104	Damping of collective nuclear motion and thermodynamic properties of nuclei beyond mean field. Nuclear Physics A, 1999, 652, 164-185.	1.5	5
105	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
106	Penetration depth study of LaOs4Sb12: Multibands-wave superconductivity. Physical Review B, 2012, 86, .	3.2	5
107	Topological quantum phase transition in Kane-Mele-Kondo lattice model. Physical Review B, 2013, 88, .	3.2	5
108	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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109	Magnetization jump in one dimensional Jâ€‰â€™â€‰Q 2 model with anisotropic exchange. Scientific Reports, 2017, 7, 18104.	3.3	5
110	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
111	Analysis of time-resolved single-particle spectrum on the one-dimensional extended Hubbard model. Physical Review B, 2020, 101, .	3.2	5
112	Improved hybrid parallel strategy for density matrix renormalization group method*. Chinese Physics B, 2020, 29, 070202.	1.4	5
113	Extended high-harmonic spectra through a cascade resonance in confined quantum systems. Physical Review Research, 2022, 4, .	3.6	5
114	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
115	A direct truncation method for finding abundant exact solutions and application to the one-dimensional higher-order SchrÃ¶dinger equation. Chaos, Solitons and Fractals, 2005, 24, 533-547.	5.1	4
116	Inhomogeneity of the phase space of the damped harmonic oscillator under LÃ©vy noise. Physical Review E, 2012, 85, 042101.	2.1	4
117	PainlevÃ© integrability of two-component nonautonomous nonlinear SchrÃ¶dinger equations. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 115203.	2.1	4
118	Mechanical anisotropy and origin of shear plastic deformation of tetragonal B ₄ C ₄. Europhysics Letters, 2014, 108, 16001.	2.0	4
119	Fermionology in the Kondo-Heisenberg model: the case of CeCoIn5. European Physical Journal B, 2015, 88, 1.	1.5	4
120	Kondo peak splitting and Kondo dip in single molecular magnet junctions. Journal of Magnetism and Magnetic Materials, 2016, 398, 131-136.	2.3	4
121	Photoinduced charge carrier dynamics in Hubbard two-leg ladders and chains. Physical Review B, 2019, 99, .	3.2	4
122	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
123	Kondo effect in monolayer transition metal dichalcogenide Ising superconductors. Physical Review B, 2020, 101, .	3.2	4
124	Performance of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>T</mml:mi></mml:math> -matrix based master equation for Coulomb drag in double quantum dots. Physical Review B, 2020, 101, .	3.2	4
125	Universality class and exact phase boundary in the superradiant phase transition. Physical Review A, 2021, 104, .	2.5	4
126	Strain-induced phase diagram of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mfrac><mml:m Kitaev material <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>CrSiTe</mml:mi></mml:mrow><mml:mn>3< Physical Review B, 2021, 104, .	3.2	4

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127	Electron spin transport through an Aharonovâ€“Bohm ringâ€”a spin switch. Journal of Physics Condensed Matter, 2004, 16, 2043-2052.	1.8	3
128	Extended dual description of Mott transition beyond two-dimensional space. Physical Review B, 2012, 85, .	3.2	3
129	Shear-Induced Structural Transformation for Tetragonal BC₄. Journal of Physical Chemistry C, 2016, 120, 581-586.	3.1	3
130	Superfluid response in heavy fermion superconductors. Frontiers of Physics, 2017, 12, 1.	5.0	3
131	Benchmarking the simplest slave-particle theory with Hubbard dimer*. Chinese Physics B, 2019, 28, 107103.	1.4	3
132	Kondo resonance assisted thermoelectric transport through strongly correlated quantum dots. Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	5.1	3
133	Non-Markovian effect on quantum optical metrology under a dissipative environment. Physical Review A, 2020, 101, .	2.5	3
134	Hybrid parallel optimization of density matrix renormalization group method. Wuli Xuebao/Acta Physica Sinica, 2019, 68, 120202.	0.5	3
135	Entanglement distribution over the subsystems and its invariance. Quantum Information and Computation, 2011, 11, 874-884.	0.3	3
136	Doping a Mott insulator in an Ising-Kondo lattice: Strange metal and Mott criticality. Physical Review B, 2021, 104, .	3.2	3
137	Orbital projection technique to explore the materials genomes of optical susceptibilities. AIP Advances, 2022, 12, .	1.3	3
138	Nonlocal effects in the metal-insulator transition beyond the Hubbard III approximation. Physical Review B, 2002, 65, .	3.2	2
139	Effect of impurity resonance states on the NMR spectra of high-Tccuprates. Physical Review B, 2004, 70, .	3.2	2
140	On the Nonautonomous Nonlinear Schrol̂dinger Equations and Soliton Management. , 2010, , .		2
141	Extended s-wave pairing symmetry on the triangular lattice heavy fermion system. European Physical Journal B, 2015, 88, 1.	1.5	2
142	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
143	Currents and current correlations in a topological superconducting nanowire beam splitter. Europhysics Letters, 2015, 111, 57002.	2.0	2
144	Superfluid density in the slave-boson theory. European Physical Journal B, 2016, 89, 1.	1.5	2

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145	Parity dependent phase diagrams in spin-cluster two-leg ladders. Physical Review B, 2019, 99, .	3.2	2
146	Studies on the Rabi Model. Journal of Physics: Conference Series, 2019, 1163, 012003.	0.4	2
147	Long-range overlapping of Kondo clouds in open triple quantum dots. Journal of Physics Condensed Matter, 2019, 31, 155302.	1.8	2
148	Spin-resolved transport physics induced by a Majorana-fermion zero mode. AIP Advances, 2019, 9, 125115.	1.3	2
149	Effect of systemâ€“reservoir correlations on temperature estimation. Chinese Physics B, 2020, 29, 020501.	1.4	2
150	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
151	Fraction conductivity induced by a Majorana zero mode in a nanomagnet. Journal of Magnetism and Magnetic Materials, 2020, 506, 166795.	2.3	2
152	Kondo effect in a hybrid superconductorâ€“quantum-dotâ€“superconductor junction with proximity-induced<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>p</mml:mi></mml:math>-wave pairing states. Physical Review B, 2021, 103, .	3.2	2
153	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
154	Moment-conserving decoupling approach for many-body systems. Physical Review B, 1999, 60, 15480-15483.	3.2	1
155	Equation of motion approach to the anharmonic oscillator. Physical Review B, 2000, 62, 5341-5344.	3.2	1
156	Constraint Dynamics and Tracking Control to Coherence of a Thermal Dissipative Qubit. Chinese Physics Letters, 2005, 22, 3009-3012.	3.3	1
157	Geometrical Structure Effect on Localization Length of Carbon Nanotubes. Chinese Physics Letters, 2005, 22, 2375-2378.	3.3	1
158	Interplay between periodicity and nonlinearity of indirect excitons in coupled quantum wells. Journal of Physics Condensed Matter, 2012, 24, 455301.	1.8	1
159	Gap solitons of a super-Tonksâ€“Girardeau gas in a one-dimensional periodic potential. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 035301.	1.5	1
160	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
161	Thermoelectric unipolar spin battery in a suspended carbon nanotube. Journal of Physics Condensed Matter, 2017, 29, 165302.	1.8	1
162	Hexagonal Ising-Kondo lattice: An implication for intrinsic antiferromagnetic topological insulator. Physical Review B, 2020, 102, .	3.2	1

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163	Interplay between Majorana fermion and impurity in thermal-driven transport model. Wuli Xuebao/Acta Physica Sinica, 2021, 70, 117401.	0.5	1
164	Enhanced superconductivity and various edge modes in modulated <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>t</mml:mi><mml:mtext>â^'</mml:mtext><mml:mi>J</mml:mi></mml:mrow></mml:math> chains. Physical Review B, 2022, 105, .	3.2	1
165	Equation of motion approach to the two-dimensional Hubbard model. Physical Review B, 2000, 61, 13418-13423.	3.2	0
166	Differential Representations of SO(4) Dynamical Group. Communications in Theoretical Physics, 2008, 50, 63-68.	2.5	0
167	ORTHOGONAL DIRAC SEMIMETAL ON HONEYCOMB LATTICE. International Journal of Modern Physics B, 2013, 27, 1361002.	2.0	0
168	Absence of coherent peaks in a Z2 fractionalized BCS superconducting state. Physica B: Condensed Matter, 2015, 456, 221-226.	2.7	0
169	Lifshitz transition in triangular lattice Kondo-Heisenberg model*. Chinese Physics B, 2020, 29, 077102.	1.4	0
170	Resistivity minimum emerges in Anderson impurity model modified with Sachdevâ€“Yeâ€“Kitaev interaction*. Chinese Physics B, 2021, 30, 047106.	1.4	0
171	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
172	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
173	Understanding Pairing Structures In Superconductivity. , 2018, , .		0
174	Many-body tunneling and nonequilibrium dynamics in double quantum dots with capacitive coupling. Journal of Physics Condensed Matter, 2020, 33, 075301.	1.8	0
175	Magnetic Field Dependent Kondo Transport through Double Quantum Dots System. Annalen Der Physik, 0, , 2100439.	2.4	0