

# Jiangbin Gong

## List of Publications by Year in descending order

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199  
papers

6,020  
citations

57758

44  
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106344

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202  
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202  
docs citations

202  
times ranked

2816  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybrid Higher-Order Skin-Topological Modes in Nonreciprocal Systems. <i>Physical Review Letters</i> , 2019, 123, 016805.	7.8	284
2	Critical non-Hermitian skin effect. <i>Nature Communications</i> , 2020, 11, 5491.	12.8	205
3	Topological Switch for Non-Hermitian Skin Effect in Cold-Atom Systems with Loss. <i>Physical Review Letters</i> , 2020, 124, 250402.	7.8	160
4	Generating many Majorana modes via periodic driving: A superconductor model. <i>Physical Review B</i> , 2013, 87, .	3.2	149
5	Many-Body Coherent Destruction of Tunneling. <i>Physical Review Letters</i> , 2009, 103, 133002.	7.8	122
6	Boosting work characteristics and overall heat-engine performance via shortcuts to adiabaticity: Quantum and classical systems. <i>Physical Review E</i> , 2013, 88, 062122.	2.1	116
7	Thermal-motion-induced non-reciprocal quantum optical system. <i>Nature Photonics</i> , 2018, 12, 744-748.	31.4	116
8	Quantized Adiabatic Transport In Momentum Space. <i>Physical Review Letters</i> , 2012, 109, 010601.	7.8	102
9	Non-Hermitian Floquet topological phases with arbitrarily many real-quasienergy edge states. <i>Physical Review B</i> , 2018, 98, .	3.2	97
10	Time-dependent $\{P\}$ - $\{T\}$ -symmetric quantum mechanics. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2013, 46, 485302.	2.1	92
11	Coupled-wire construction of static and Floquet second-order topological insulators. <i>Physical Review B</i> , 2019, 99, .	3.2	89
12	Dynamical quantum phase transitions in non-Hermitian lattices. <i>Physical Review A</i> , 2018, 98, .	2.5	88
13	Symmetry breaking and self-trapping of a dipolar Bose-Einstein condensate in a double-well potential. <i>Physical Review A</i> , 2009, 79, .	2.5	78
14	Topological effects in chiral symmetric driven systems. <i>Physical Review B</i> , 2014, 90, .	3.2	78
15	Formation and transformation of vector solitons in two-species Bose-Einstein condensates with a tunable interaction. <i>Physical Review A</i> , 2009, 79, .	2.5	74
16	Towards large-Chern-number topological phases by periodic quenching. <i>Physical Review B</i> , 2016, 93, .	3.2	73
17	Unraveling non-Hermitian pumping: Emergent spectral singularities and anomalous responses. <i>Physical Review B</i> , 2020, 102, .	3.2	70
18	Simulation of Non-Abelian Braiding in Majorana Time Crystals. <i>Physical Review Letters</i> , 2018, 120, 230405.	7.8	69

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19	Non-Hermitian Floquet topological phases: Exceptional points, coalescent edge modes, and the skin effect. Physical Review B, 2020, 101, .	3.2	67
20	Floquet topological semimetal phases of an extended kicked Harper model. Physical Review E, 2016, 93, 022209.	2.1	66
21	Floquet dynamical quantum phase transitions. Physical Review B, 2019, 100, .	3.2	63
22	Geometric characterization of non-Hermitian topological systems through the singularity ring in pseudospin vector space. Physical Review B, 2019, 100, .	3.2	61
23	Nonreciprocal Amplification with Four-Level Hot Atoms. Physical Review Letters, 2019, 123, 033902.	7.8	61
24	Emergent Fermi surface in a many-body non-Hermitian fermionic chain. Physical Review B, 2020, 102, .	3.2	61
25	Geometric phase in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mrow} \langle \text{mml:mi mathvariant="script"} \rangle \text{PT} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \text{-symmetric quantum mechanics. Physical Review A, 2010, 82, .}$	2.5	60
26	Simulation of Chemical Isomerization Reaction Dynamics on a NMR Quantum Simulator. Physical Review Letters, 2011, 107, 020501.	7.8	60
27	Experimental Observation of a Generalized Thouless Pump with a Single Spin. Physical Review Letters, 2018, 120, 120501.	7.8	59
28	Realistic Floquet Semimetal with Exotic Topological Linkages between Arbitrarily Many Nodal Loops. Physical Review Letters, 2018, 121, 036401.	7.8	58
29	Floquet topological phases in a spin- $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 1 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle / \langle \text{mml:mo} \rangle \times \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:math} \rangle$ double kicked rotor. Physical Review A, 2018, 97, .	7.8	58
30	Measurement-only quantum computation with Floquet Majorana corner modes. Physical Review B, 2020, 101, .	3.2	54
31	Simple Three-Parameter Model Potential for Diatomic Systems: From Weakly and Strongly Bound Molecules to Metastable Molecular Ions. Physical Review Letters, 2005, 95, 263202.	7.8	53
32	Recipe for creating an arbitrary number of Floquet chiral edge states. Physical Review B, 2018, 97, .	3.2	53
33	Proposal of a cold-atom realization of quantum maps with Hofstadter's butterfly spectrum. Physical Review A, 2008, 77, .	2.5	52
34	Controlling the Ratchet Effect for Cold Atoms. Physical Review Letters, 2008, 100, 044104.	7.8	52
35	Impurity induced scale-free localization. Communications Physics, 2021, 4, .	5.3	52
36	Generic Quantum Ratchet Accelerator with Full Classical Chaos. Physical Review Letters, 2006, 97, 240602.	7.8	51

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37	Stabilizing non-Hermitian systems by periodic driving. <i>Physical Review A</i> , 2015, 91, .	2.5	49
38	Directed anomalous diffusion without a biased field: A ratchet accelerator. <i>Physical Review E</i> , 2004, 70, 016202.	2.1	48
39	Noncanonical statistics of a spin-boson model: Theory and exact Monte Carlo simulations. <i>Physical Review E</i> , 2012, 86, 021109.	2.1	48
40	Aspects of Floquet bands and topological phase transitions in a continuously driven superlattice. <i>European Physical Journal B</i> , 2014, 87, 1.	1.5	48
41	Single-atom energy-conversion device with a quantum load. <i>Npj Quantum Information</i> , 2020, 6, .	6.7	47
42	Time-periodic corner states from Floquet higher-order topology. <i>Nature Communications</i> , 2022, 13, 11.	12.8	47
43	Families of vortex solitons in periodic media. <i>Physical Review A</i> , 2008, 77, .	2.5	46
44	Intrinsic decoherence dynamics in smooth Hamiltonian systems: Quantum-classical correspondence. <i>Physical Review A</i> , 2003, 68, .	2.5	45
45	Quantum computation via Floquet topological edge modes. <i>Physical Review B</i> , 2018, 98, .	3.2	45
46	Two-mode Bose-Einstein condensate in a high-frequency driving field that directly couples the two modes. <i>Physical Review A</i> , 2008, 77, .	2.5	43
47	Preservation of Bipartite Pseudoentanglement in Solids Using Dynamical Decoupling. <i>Physical Review Letters</i> , 2011, 106, 040501.	7.8	43
48	Floquet semimetal with Floquet-band holonomy. <i>Physical Review B</i> , 2016, 94, .	3.2	42
49	Coherent Control of Quantum Chaotic Diffusion. <i>Physical Review Letters</i> , 2001, 86, 1741-1744.	7.8	41
50	Quantized classical response from spectral winding topology. <i>Nature Communications</i> , 2021, 12, 5294.	12.8	40
51	Adiabatic quantum transport in a spin chain with a moving potential. <i>Physical Review A</i> , 2008, 77, .	2.5	38
52	Nonlinearity induced topological physics in momentum space and real space. <i>Physical Review B</i> , 2020, 102, .	3.2	38
53	When is Quantum Decoherence Dynamics Classical?. <i>Physical Review Letters</i> , 2003, 90, 050402.	7.8	37
54	Measurement-assisted coherent control. <i>Journal of Chemical Physics</i> , 2004, 120, 9984-9988.	3.0	37

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55	QUANTUM CHAOS MEETS COHERENT CONTROL. Annual Review of Physical Chemistry, 2005, 56, 1-23.	10.8	37
56	Protecting unknown two-qubit entangled states by nesting Uhrig's dynamical decoupling sequences. Physical Review A, 2010, 82, .	2.5	37
57	Role of initial system-environment correlations: A master equation approach. Physical Review A, 2013, 88, .	2.5	36
58	Direct prediction of corner state configurations from edge winding numbers in two- and three-dimensional chiral-symmetric lattice systems. Physical Review B, 2018, 98, .	3.2	36
59	Amplification and suppression of system-bath-correlation effects in an open many-body system. Physical Review A, 2013, 87, .	2.5	35
60	Floquet higher-order topological insulator in a periodically driven bipartite lattice. Physical Review B, 2021, 103, .	3.2	35
61	Generating controllable type-II Weyl points via periodic driving. Physical Review B, 2016, 94, .	3.2	34
62	Quantum ratchet accelerator without a bichromatic lattice potential. Physical Review E, 2008, 78, 036219.	2.1	33
63	Emergence and full 3D-imaging of nodal boundary Seifert surfaces in 4D topological matter. Communications Physics, 2019, 2, .	5.3	33
64	Dual topological characterization of non-Hermitian Floquet phases. Physical Review B, 2021, 103, .	3.2	33
65	Quantum Hyperdiffusion in One-Dimensional Tight-Binding Lattices. Physical Review Letters, 2012, 108, 070603.	7.8	32
66	Computational study of the two-terminal transport of Floquet quantum Hall insulators. Physical Review B, 2017, 96, .	3.2	32
67	Time-dependent $\langle \text{PT} \rangle$ -symmetric quantum mechanics in generic non-Hermitian systems. Physical Review A, 2019, 100, .	2.5	32
68	Decoherence control: Universal protection of two-qubit states and two-qubit gates using continuous driving fields. Physical Review A, 2012, 85, .	2.5	31
69	Quantum geometric tensor in $\langle \text{PT} \rangle$ -symmetric quantum mechanics. Physical Review A, 2019, 99, .	2.5	31
70	Controlling the population imbalance of a Bose-Einstein condensate by a symmetry-breaking driving field. Physical Review A, 2008, 78, .	2.5	30
71	Dynamical creation of complex vector solitons in spinor Bose-Einstein condensates. Physical Review A, 2010, 81, .	2.5	30
72	Universal dynamical decoupling: Two-qubit states and beyond. Physical Review A, 2010, 81, .	2.5	30

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73	Long-Lasting Exponential Spreading in Periodically Driven Quantum Systems. <i>Physical Review Letters</i> , 2011, 107, 234104.	7.8	29
74	Kicked-Harper model versus on-resonance double-kicked rotor model: From spectral difference to topological equivalence. <i>Physical Review E</i> , 2013, 88, 052920.	2.1	29
75	Finite-time Landau-Zener processes and counterdiabatic driving in open systems: Beyond Born, Markov, and rotating-wave approximations. <i>Physical Review A</i> , 2016, 93, .	2.5	29
76	Line nodes and surface Majorana flat bands in static and kicked p -wave superconducting Harper model. <i>Physical Review B</i> , 2017, 95, .	3.2	29
77	Delocalization of topological edge states. <i>Physical Review B</i> , 2021, 103, .	3.2	29
78	Entanglement-induced decoherence and energy eigenstates. <i>Physical Review A</i> , 2008, 77, .	2.5	27
79	Suppression of work fluctuations by optimal control: An approach based on Jarzynski's equality. <i>Physical Review E</i> , 2014, 90, 052132.	2.1	27
80	Zeno and anti-Zeno effects on dephasing. <i>Physical Review A</i> , 2014, 90, .	2.5	27
81	Coherent control of quantum chaotic diffusion: Diatomic molecules in a pulsed microwave field. <i>Journal of Chemical Physics</i> , 2001, 115, 3590-3597.	3.0	26
82	Dissipationless directed transport in rocked single-band quantum dynamics. <i>Physical Review A</i> , 2007, 75, .	2.5	26
83	Wave-scattering formalism for thermal conductance in thin wires with surface disorder. <i>Physical Review B</i> , 2009, 80, .	3.2	26
84	Driven Dirac-like equation via mirror oscillation: Controlled cold-atom Zitterbewegung. <i>Physical Review A</i> , 2010, 81, .	2.5	26
85	Interband coherence induced correction to adiabatic pumping in periodically driven systems. <i>Physical Review B</i> , 2015, 91, .	3.2	26
86	Isomerization and dissociation dynamics of HCN in a picosecond infrared laser field: A full-dimensional classical study. <i>Journal of Chemical Physics</i> , 2005, 122, 144311.	3.0	25
87	Photoinduced half-integer quantized conductance plateaus in topological-insulator/superconductor heterostructures. <i>Physical Review B</i> , 2018, 97, .	3.2	25
88	Decoherence and correspondence in conservative chaotic dynamics. <i>Physical Review E</i> , 1999, 60, 1643-1647.	2.1	24
89	Controlled quantum-state transfer in a spin chain. <i>Physical Review A</i> , 2007, 75, .	2.5	24
90	Nonlinear Landau-Zener processes in a periodic driving field. <i>New Journal of Physics</i> , 2008, 10, 073008.	2.9	24

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91	Localization behavior of Dirac particles in disordered graphene superlattices. Physical Review B, 2012, 85, .	3.2	24
92	Floquet Mechanism for Non-Abelian Fractional Quantum Hall States. Physical Review Letters, 2018, 121, 237401.	7.8	23
93	Butterfly Floquet Spectrum in Driven SU(2) Systems. Physical Review Letters, 2009, 102, 244102.	7.8	22
94	Controlled subnanosecond isomerization of HCN to CNH in solution. Journal of Chemical Physics, 2005, 122, 204505.	3.0	21
95	Imaging the geometrical structure of the $H^2$ molecular ion by high-order above-threshold ionization in an intense laser field. Physical Review A, 2009, 80, .	2.5	21
96	Entanglement-assisted coherent control in nonreactive diatom-diatom scattering. Journal of Chemical Physics, 2003, 118, 2626.	3.0	20
97	General method for complete population transfer in degenerate systems. Physical Review A, 2004, 69, .	2.5	20
98	Preferred States of Decoherence under Intermediate System-Environment Coupling. Physical Review Letters, 2012, 108, 070403.	7.8	20
99	Nonlinear Dirac cones. Physical Review B, 2017, 96, .	3.2	20
100	Direct dynamical characterization of higher-order topological phases with nested band inversion surfaces. Science Bulletin, 2021, 66, 1502-1510.	9.0	20
101	Chaos and quantum-classical correspondence via phase-space distribution functions. Physical Review A, 2003, 68, .	2.5	19
102	Born rule in quantum and classical mechanics. Physical Review A, 2006, 73, .	2.5	19
103	Quantum control of ultra-cold atoms: uncovering a novel connection between two paradigms of quantum nonlinear dynamics. Journal of Modern Optics, 2009, 56, 722-728.	1.3	18
104	Protecting and enhancing spin squeezing via continuous dynamical decoupling. Physical Review A, 2012, 86, .	2.5	18
105	Construction and optimization of a quantum analog of the Carnot cycle. Physical Review E, 2015, 92, 012118.	2.1	18
106	Symmetry analysis of anomalous Floquet topological phases. Physical Review B, 2021, 104, .	3.2	17
107	Control of dynamical localization. Physical Review E, 2003, 68, 056202.	2.1	16
108	Complete quantum control of the population transfer branching ratio between two degenerate target states. Journal of Chemical Physics, 2004, 121, 1364-1372.	3.0	16

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109	Quantum diffusion dynamics in nonlinear systems: A modified kicked-rotor model. <i>Physical Review E</i> , 2007, 76, 036217.	2.1	16
110	Exponential wave-packet spreading via self-interaction time modulation. <i>Physical Review A</i> , 2016, 94, .	2.5	16
111	Engineering topological phases with a three-dimensional nodal-loop semimetal. <i>Physical Review B</i> , 2017, 96, .	3.2	16
112	Enhanced higher harmonic generation from nodal topology. <i>Physical Review B</i> , 2020, 102, .	3.2	16
113	Adiabatic population transfer in a liquid: Taking advantage of a decaying target state. <i>Journal of Chemical Physics</i> , 2004, 120, 3777-3786.	3.0	15
114	Optimized dynamical decoupling sequences in protecting two-qubit states. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2011, 44, 175501.	1.5	15
115	Effects of dephasing on quantum adiabatic pumping with nonequilibrium initial states. <i>Physical Review B</i> , 2015, 92, .	3.2	15
116	Piecewise adiabatic following in non-Hermitian cycling. <i>Physical Review A</i> , 2018, 97, .	2.5	15
117	Development of quantum nonintegrability displayed in effective Hamiltonians: A three-level Lipkin model. <i>Physical Review E</i> , 1995, 51, 1770-1779.	2.1	14
118	Spectral relationships between kicked Harper and on-resonance double kicked rotor operators. <i>Journal of Mathematical Physics</i> , 2009, 50, 032103.	1.1	14
119	Generating a fractal butterfly Floquet spectrum in a class of driven $SU(2)$ systems: Eigenstate statistics. <i>Physical Review E</i> , 2010, 81, 066212.	2.1	14
120	Discrete time crystals in many-body quantum chaos. <i>Physical Review B</i> , 2019, 100, .	3.2	14
121	High-fidelity and long-distance entangled-state transfer with Floquet topological edge modes. <i>Physical Review A</i> , 2020, 102, .	2.5	14
122	Point-gap topology with complete bulk-boundary correspondence and anomalous amplification in the Fock space of dissipative quantum systems. <i>Physical Review B</i> , 2021, 103, .	3.2	14
123	Exponential quantum spreading in a class of kicked rotor systems near high-order resonances. <i>Physical Review E</i> , 2013, 88, 052919.	2.1	13
124	Counterpropagating edge states in Floquet topological insulating phases. <i>Physical Review B</i> , 2020, 101, .	3.2	13
125	Floquet higher-order Weyl and nexus semimetals. <i>Physical Review Research</i> , 2021, 3, .	3.6	13
126	Passive Nonlinear Optical Isolators Bypassing Dynamic Reciprocity. <i>Physical Review Applied</i> , 2021, 16, .	3.8	13



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127	Topological pumping assisted by Bloch oscillations. <i>Physical Review Research</i> , 2020, 2, .	3.6	13
128	Phase-space characterization of complexity in quantum many-body dynamics. <i>Physical Review E</i> , 2010, 82, 046216.	2.1	12
129	Wave packet dynamics in one-dimensional linear and nonlinear generalized Fibonacci lattices. <i>Physical Review E</i> , 2011, 83, 056205.	2.1	12
130	Quantum and classical superballistic transport in a relativistic kicked-rotor system. <i>Physical Review E</i> , 2014, 90, 022921.	2.1	12
131	Topological characterization of non-Hermitian multiband systems using Majorana's stellar representation. <i>Physical Review B</i> , 2020, 101, .	3.2	12
132	Phase Control of Nonadiabaticity-Induced Quantum Chaos in an Optical Lattice. <i>Physical Review Letters</i> , 2002, 88, 203001.	7.8	11
133	Selective photochemistry via adiabatic passage: Degenerate product states with different lifetimes. <i>Journal of Chemical Physics</i> , 2004, 120, 5117-5127.	3.0	11
134	Conductance properties of rough quantum wires with colored surface disorder. <i>Physical Review B</i> , 2008, 78, .	3.2	11
135	Spin-dependent electron transport in two-dimensional waveguides of arbitrary geometry. <i>Physical Review B</i> , 2008, 77, .	3.2	11
136	Generating a fractal butterfly Floquet spectrum in a class of driven SU(2) systems. <i>Physical Review E</i> , 2010, 81, 026204.	2.1	11
137	Coherent manipulation of quantum $\hat{I}$ -kicked dynamics: Faster-than-classical anomalous diffusion. <i>Physical Review E</i> , 2003, 68, 026209.	2.1	10
138	Indistinguishability and interference in the coherent control of atomic and molecular processes. <i>Journal of Chemical Physics</i> , 2010, 132, 054306.	3.0	10
139	Merits and qualms of work fluctuations in classical fluctuation theorems. <i>Physical Review E</i> , 2017, 95, 012106.	2.1	10
140	Floquet engineering with particle swarm optimization: Maximizing topological invariants. <i>Physical Review B</i> , 2019, 100, .	3.2	10
141	Non-Hermitian pseudo mobility edge in a coupled chain system. <i>Physical Review B</i> , 2022, 105, .	3.2	10
142	Tunable two-dimensional laser arrays with zero-phase locking. <i>Physical Review B</i> , 2022, 105, .	3.2	10
143	Chaos and correspondence in classical and quantum Hamiltonian ratchets: A Heisenberg approach. <i>Physical Review E</i> , 2009, 79, 066207.	2.1	9
144	The effect of state preparation in a many-body system. <i>Canadian Journal of Chemistry</i> , 2014, 92, 119-127.	1.1	9

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145	Decoherence induced by a composite environment. <i>Physical Review A</i> , 2014, 89, .	2.5	9
146	From disordered quantum walk to physics of off-diagonal disorder. <i>Physical Review B</i> , 2015, 92, .	3.2	9
147	Principle of minimal work fluctuations. <i>Physical Review E</i> , 2015, 92, 022130.	2.1	9
148	Quantum work fluctuations in connection with the Jarzynski equality. <i>Physical Review E</i> , 2017, 96, 042119.	2.1	9
149	Piecewise adiabatic following: General analysis and exactly solvable models. <i>Physical Review A</i> , 2019, 99, .	2.5	9
150	Explicit designs of spin chains for perfect quantum state transfer. <i>European Physical Journal D</i> , 2008, 50, 193-199.	1.3	8
151	Quantum ratchet control—Harvesting on Landau-Zener transitions. <i>Europhysics Letters</i> , 2008, 83, 40005.	2.0	8
152	Equilibrium susceptibilities of superparamagnets: longitudinal and transverse, quantum and classical. <i>Journal of Physics Condensed Matter</i> , 2009, 21, 456006.	1.8	8
153	Sensitive frequency dependence of the carrier-envelope phase effect on bound-bound transitions: An interference perspective. <i>Physical Review A</i> , 2010, 82, .	2.5	8
154	Reexamination of measurement-induced chaos in entanglement-purification protocols. <i>Physical Review A</i> , 2013, 87, .	2.5	8
155	Optical cavity quantum electrodynamics with dark-state polaritons. <i>Physical Review A</i> , 2014, 89, .	2.5	8
156	Combating quasiparticle poisoning with multiple Majorana fermions in a periodically-driven quantum wire. <i>Journal of Physics Condensed Matter</i> , 2020, 32, 435301.	1.8	8
157	Dissipative adiabatic measurements: Beating the quantum Cram�r-Rao bound. <i>Physical Review Research</i> , 2020, 2, .	3.6	8
158	Dynamical characterization of Weyl nodes in Floquet Weyl semimetal phases. <i>Physical Review B</i> , 2021, 103, .	3.2	7
159	Quantum versus classical decoherence dynamics. <i>Journal of Modern Optics</i> , 2003, 50, 2411-2422.	1.3	6
160	Classical, Semiclassical, and Quantum Mechanical Unimolecular Reaction Rate Theory. <i>Advances in Chemical Physics</i> , 2005, , 1-142.	0.3	6
161	Infrared multiphoton induced isomerization and dissociation of FCN, ClCN, and BrCN in liquid Ar: A classical simulation study. <i>Journal of Chemical Physics</i> , 2007, 127, 144501.	3.0	6
162	Hierarchical theory of quantum adiabatic evolution. <i>New Journal of Physics</i> , 2014, 16, 123024.	2.9	6

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163	Deformed Jarzynski Equality. Entropy, 2017, 19, 419.	2.2	6
164	Topological characterization of one-dimensional open fermionic systems. Physical Review A, 2018, 98, .	2.5	6
165	Topological and dynamical features of periodically driven spin ladders. Physical Review B, 2021, 103, .	3.2	6
166	Nonequilibrium hybrid multi-Weyl semimetal phases. JPhys Materials, 2021, 4, 045003.	4.2	6
167	All-optical imprinting of geometric phases onto matter waves. Physical Review A, 2009, 79, .	2.5	5
168	$2\tilde{A}-2$ random matrix ensembles with reduced symmetry: from Hermitian to $\mathcal{PT}$ -symmetric matrices. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 444014.	2.1	5
169	Charge pumping in strongly coupled molecular quantum dots. Physical Review B, 2017, 96, .	3.2	5
170	Characterization of Lifshitz transitions in topological nodal line semimetals. European Physical Journal B, 2018, 91, 1.	1.5	5
171	Controlled measurement processes: Simple spin-chain model of controlled quantum-state amplification. Physical Review A, 2009, 79, .	2.5	4
172	Converting Zitterbewegung oscillation to directed motion. Europhysics Letters, 2011, 96, 10004.	2.0	4
173	Dynamical fluctuations in classical adiabatic processes: General description and their implications. Annals of Physics, 2012, 327, 1202-1213.	2.8	4
174	Intrinsic Dynamical Fluctuation Assisted Symmetry Breaking in Adiabatic Following. Physical Review Letters, 2013, 110, 130402.	7.8	4
175	Graph-theory treatment of one-dimensional strongly repulsive fermions. Physical Review Research, 2020, 2, .	3.6	4
176	Emergent $\mathcal{PT}$ -symmetry breaking of collective modes with topological critical phenomena. Communications Physics, 2021, 4, .	5.3	4
177	Unsupervised identification of Floquet topological phase boundaries. Physical Review Research, 2022, 4, .	3.6	4
178	Anomalous hybridization of spectral winding topology in quantized steady-state responses. Physical Review B, 2022, 105, .	3.2	4
179	Comment on "Reaction Imaging with Interferometry". Physical Review Letters, 2002, 89, 109301; author reply 109302.	7.8	3
180	Control of tripod-scheme cold-atom wavepackets by manipulating a non-Abelian vector potential. Annals of Physics, 2010, 325, 1219-1234.	2.8	3

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181	Interband coherence induced correction to Thouless pumping: possible observation in cold-atom systems. <i>European Physical Journal B</i> , 2017, 90, 1.	1.5	3
182	Coherence-preserving chaos in a mixed quantum classical description. <i>Physical Review E</i> , 1995, 52, 57-62.	2.1	2
183	Binding nonpolar molecules in an attractive inverse square potential. <i>Physical Review A</i> , 2005, 72, .	2.5	2
184	Scalable engineering of multipartite $W$ states in a spin chain. <i>Physical Review A</i> , 2012, 85, .	2.5	2
185	Statistical properties of power-law random banded unitary matrices in the delocalization-localization transition regime. <i>European Physical Journal B</i> , 2012, 85, 1.	1.5	2
186	Synthetic Spin-Orbit Coupling in Two-Level Cold Atoms. <i>Chinese Physics Letters</i> , 2013, 30, 080301.	3.3	2
187	Perfect Zitterbewegung oscillations in the Kitaev chain system. <i>Physical Review A</i> , 2016, 93, .	2.5	2
188	Criteria of existence for bounce solutions in false vacuum decay with gravity. <i>Classical and Quantum Gravity</i> , 2018, 35, 045016.	4.0	2
189	Probing higher-order band topology via spin texture measurements: quantum simulation. <i>Science Bulletin</i> , 2021, 66, 1817-1818.	9.0	2
190	Universal graph description for one-dimensional exchange models. <i>Physical Review Research</i> , 2020, 2, .	3.6	2
191	Variations on adiabatic passage in optical control of molecular processes. <i>Journal of Modern Optics</i> , 2004, 51, 2477-2484.	1.3	1
192	Reply to "Comment on "Wave-scattering formalism for thermal conductance in thin wires with surface disorder". <i>Physical Review B</i> , 2010, 81, .	3.2	1
193	Fokker-Planck equation with arbitrary dc and ac fields: Continued fraction method. <i>Physical Review E</i> , 2011, 84, 011104.	2.1	1
194	Protecting multi-qubit states in computational subspaces by nested dynamical decoupling sequences. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2012, 45, 045501.	1.5	1
195	Optimization of the environment for generating entanglement and spin squeezing. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2015, 48, 115505.	1.5	1
196	Revealing many-body effects on interband coherence through adiabatic charge pumping. <i>Physical Review B</i> , 2019, 100, .	3.2	1
197	Geometry of time-dependent $\mathcal{PT}$ -symmetric quantum mechanics. <i>Chinese Physics B</i> , 0, , .	1.4	1
198	<math>A</math> Special Section on <math>A</math> Chaos and Transport at the Nanoscale. <i>Journal of Computational and Theoretical Nanoscience</i> , 2010, 7, 2428-2429.	0.4	0

#	ARTICLE	IF	CITATIONS
199	Double Rabi model in the ultra-strong coupling regime: entanglement and chaos beyond the rotating wave approximation. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2013, 46, 235504.	1.5	0