

# Jiangbin Gong

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

187 papers	3,901 citations	36 h-index	49 g-index
202 ext. papers	5,204 ext. citations	3.8 avg, IF	6.36 L-index

#	Paper	IF	Citations
187	Hybrid Higher-Order Skin-Topological Modes in Nonreciprocal Systems. <i>Physical Review Letters</i> , <b>2019</b> , 123, 016805	7.4	134
186	Generating many Majorana modes via periodic driving: A superconductor model. <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	114
185	Many-body coherent destruction of tunneling. <i>Physical Review Letters</i> , <b>2009</b> , 103, 133002	7.4	110
184	Boosting work characteristics and overall heat-engine performance via shortcuts to adiabaticity: quantum and classical systems. <i>Physical Review E</i> , <b>2013</b> , 88, 062122	2.4	102
183	Quantized adiabatic transport in momentum space. <i>Physical Review Letters</i> , <b>2012</b> , 109, 010601	7.4	77
182	Symmetry breaking and self-trapping of a dipolar Bose-Einstein condensate in a double-well potential. <i>Physical Review A</i> , <b>2009</b> , 79,	2.6	69
181	Time-dependent $\mathcal{P}\mathcal{T}$ -symmetric quantum mechanics. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2013</b> , 46, 485302	2	66
180	Thermal-motion-induced non-reciprocal quantum optical system. <i>Nature Photonics</i> , <b>2018</b> , 12, 744-748	33.9	66
179	Formation and transformation of vector solitons in two-species Bose-Einstein condensates with a tunable interaction. <i>Physical Review A</i> , <b>2009</b> , 79,	2.6	62
178	Topological effects in chiral symmetric driven systems. <i>Physical Review B</i> , <b>2014</b> , 90,	3.3	61
177	Non-Hermitian Floquet topological phases with arbitrarily many real-quasienergy edge states. <i>Physical Review B</i> , <b>2018</b> , 98,	3.3	61
176	Dynamical quantum phase transitions in non-Hermitian lattices. <i>Physical Review A</i> , <b>2018</b> , 98,	2.6	51
175	Geometric phase in $\mathcal{P}\mathcal{T}$ -symmetric quantum mechanics. <i>Physical Review A</i> , <b>2010</b> , 82,	2.6	51
174	Simulation of chemical isomerization reaction dynamics on a NMR quantum simulator. <i>Physical Review Letters</i> , <b>2011</b> , 107, 020501	7.4	51
173	Floquet topological semimetal phases of an extended kicked Harper model. <i>Physical Review E</i> , <b>2016</b> , 93, 022209	2.4	49
172	Simple three-parameter model potential for diatomic systems: from weakly and strongly bound molecules to metastable molecular ions. <i>Physical Review Letters</i> , <b>2005</b> , 95, 263202	7.4	49
171	Topological Switch for Non-Hermitian Skin Effect in Cold-Atom Systems with Loss. <i>Physical Review Letters</i> , <b>2020</b> , 124, 250402	7.4	48

170	Generic quantum ratchet accelerator with full classical chaos. <i>Physical Review Letters</i> , <b>2006</b> , 97, 240602	7.4	48
169	Coupled-wire construction of static and Floquet second-order topological insulators. <i>Physical Review B</i> , <b>2019</b> , 99,	3.3	46
168	Critical non-Hermitian skin effect. <i>Nature Communications</i> , <b>2020</b> , 11, 5491	17.4	46
167	Families of vortex solitons in periodic media. <i>Physical Review A</i> , <b>2008</b> , 77,	2.6	45
166	Directed anomalous diffusion without a biased field: a ratchet accelerator. <i>Physical Review E</i> , <b>2004</b> , 70, 016202	2.4	44
165	Controlling the ratchet effect for cold atoms. <i>Physical Review Letters</i> , <b>2008</b> , 100, 044104	7.4	43
164	Proposal of a cold-atom realization of quantum maps with Hofstadter's butterfly spectrum. <i>Physical Review A</i> , <b>2008</b> , 77,	2.6	42
163	Towards large-Chern-number topological phases by periodic quenching. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	41
162	Intrinsic decoherence dynamics in smooth Hamiltonian systems: Quantum-classical correspondence. <i>Physical Review A</i> , <b>2003</b> , 68,	2.6	41
161	Simulation of Non-Abelian Braiding in Majorana Time Crystals. <i>Physical Review Letters</i> , <b>2018</b> , 120, 230405	7.4	40
160	Stabilizing non-Hermitian systems by periodic driving. <i>Physical Review A</i> , <b>2015</b> , 91,	2.6	39
159	Preservation of bipartite pseudoentanglement in solids using dynamical decoupling. <i>Physical Review Letters</i> , <b>2011</b> , 106, 040501	7.4	39
158	Geometric characterization of non-Hermitian topological systems through the singularity ring in pseudospin vector space. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	38
157	Protecting unknown two-qubit entangled states by nesting Uhrig's dynamical decoupling sequences. <i>Physical Review A</i> , <b>2010</b> , 82,	2.6	37
156	Non-Hermitian Floquet topological phases: Exceptional points, coalescent edge modes, and the skin effect. <i>Physical Review B</i> , <b>2020</b> , 101,	3.3	36
155	Aspects of Floquet bands and topological phase transitions in a continuously driven superlattice. <i>European Physical Journal B</i> , <b>2014</b> , 87, 1	1.2	36
154	Noncanonical statistics of a spin-boson model: theory and exact Monte Carlo simulations. <i>Physical Review E</i> , <b>2012</b> , 86, 021109	2.4	36
153	Two-mode Bose-Einstein condensate in a high-frequency driving field that directly couples the two modes. <i>Physical Review A</i> , <b>2008</b> , 77,	2.6	36

152	Measurement-assisted coherent control. <i>Journal of Chemical Physics</i> , <b>2004</b> , 120, 9984-8	3.9	36
151	Coherent control of quantum chaotic diffusion. <i>Physical Review Letters</i> , <b>2001</b> , 86, 1741-4	7.4	36
150	Nonreciprocal Amplification with Four-Level Hot Atoms. <i>Physical Review Letters</i> , <b>2019</b> , 123, 033902	7.4	35
149	Quantum chaos meets coherent control. <i>Annual Review of Physical Chemistry</i> , <b>2005</b> , 56, 1-23	15.7	34
148	Realistic Floquet Semimetal with Exotic Topological Linkages between Arbitrarily Many Nodal Loops. <i>Physical Review Letters</i> , <b>2018</b> , 121, 036401	7.4	33
147	When is quantum decoherence dynamics classical?. <i>Physical Review Letters</i> , <b>2003</b> , 90, 050402	7.4	33
146	Experimental Observation of a Generalized Thouless Pump with a Single Spin. <i>Physical Review Letters</i> , <b>2018</b> , 120, 120501	7.4	32
145	Floquet topological phases in a spin-1/2 double kicked rotor. <i>Physical Review A</i> , <b>2018</b> , 97,	2.6	32
144	Recipe for creating an arbitrary number of Floquet chiral edge states. <i>Physical Review B</i> , <b>2018</b> , 97,	3.3	32
143	Quantum ratchet accelerator without a bichromatic lattice potential. <i>Physical Review E</i> , <b>2008</b> , 78, 036219	2.4	31
142	Floquet semimetal with Floquet-band holonomy. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	29
141	Universal dynamical decoupling: Two-qubit states and beyond. <i>Physical Review A</i> , <b>2010</b> , 81,	2.6	29
140	Unraveling non-Hermitian pumping: Emergent spectral singularities and anomalous responses. <i>Physical Review B</i> , <b>2020</b> , 102,	3.3	29
139	Role of initial system-environment correlations: A master equation approach. <i>Physical Review A</i> , <b>2013</b> , 88,	2.6	28
138	Long-lasting exponential spreading in periodically driven quantum systems. <i>Physical Review Letters</i> , <b>2011</b> , 107, 234104	7.4	27
137	Amplification and suppression of system-bath-correlation effects in an open many-body system. <i>Physical Review A</i> , <b>2013</b> , 87,	2.6	26
136	Decoherence control: Universal protection of two-qubit states and two-qubit gates using continuous driving fields. <i>Physical Review A</i> , <b>2012</b> , 85,	2.6	26
135	Generating controllable type-II Weyl points via periodic driving. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	26

134	Floquet dynamical quantum phase transitions. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	25
133	Quantum hyperdiffusion in one-dimensional tight-binding lattices. <i>Physical Review Letters</i> , <b>2012</b> , 108, 070603	7.4	25
132	Controlling the population imbalance of a Bose-Einstein condensate by a symmetry-breaking driving field. <i>Physical Review A</i> , <b>2008</b> , 78,	2.6	25
131	Adiabatic quantum transport in a spin chain with a moving potential. <i>Physical Review A</i> , <b>2008</b> , 77,	2.6	25
130	Dissipationless directed transport in rocked single-band quantum dynamics. <i>Physical Review A</i> , <b>2007</b> , 75,	2.6	25
129	Dynamical creation of complex vector solitons in spinor Bose-Einstein condensates. <i>Physical Review A</i> , <b>2010</b> , 81,	2.6	24
128	Measurement-only quantum computation with Floquet Majorana corner modes. <i>Physical Review B</i> , <b>2020</b> , 101,	3.3	23
127	Finite-time Landau-Zener processes and counterdiabatic driving in open systems: Beyond Born, Markov, and rotating-wave approximations. <i>Physical Review A</i> , <b>2016</b> , 93,	2.6	23
126	Computational study of the two-terminal transport of Floquet quantum Hall insulators. <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	23
125	Interband coherence induced correction to adiabatic pumping in periodically driven systems. <i>Physical Review B</i> , <b>2015</b> , 91,	3.3	23
124	Isomerization and dissociation dynamics of HCN in a picosecond infrared laser field: a full-dimensional classical study. <i>Journal of Chemical Physics</i> , <b>2005</b> , 122, 144311	3.9	23
123	Coherent control of quantum chaotic diffusion: Diatomic molecules in a pulsed microwave field. <i>Journal of Chemical Physics</i> , <b>2001</b> , 115, 3590-3597	3.9	23
122	Decoherence and correspondence in conservative chaotic dynamics. <i>Physical Review E</i> , <b>1999</b> , 60, 1643-7	2.4	23
121	Emergent Fermi surface in a many-body non-Hermitian fermionic chain. <i>Physical Review B</i> , <b>2020</b> , 102,	3.3	23
120	Localization behavior of Dirac particles in disordered graphene superlattices. <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	22
119	Driven Dirac-like equation via mirror oscillation: Controlled cold-atom Zitterbewegung. <i>Physical Review A</i> , <b>2010</b> , 81,	2.6	22
118	Wave-scattering formalism for thermal conductance in thin wires with surface disorder. <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	22
117	Entanglement-induced decoherence and energy eigenstates. <i>Physical Review A</i> , <b>2008</b> , 77,	2.6	22

116	Suppression of work fluctuations by optimal control: An approach based on Jarzynski's equality. <i>Physical Review E</i> , <b>2014</b> , 90, 052132	2.4	21
115	Zeno and anti-Zeno effects on dephasing. <i>Physical Review A</i> , <b>2014</b> , 90,	2.6	21
114	Line nodes and surface Majorana flat bands in static and kicked p-wave superconducting Harper model. <i>Physical Review B</i> , <b>2017</b> , 95,	3.3	21
113	Controlled quantum-state transfer in a spin chain. <i>Physical Review A</i> , <b>2007</b> , 75,	2.6	21
112	Direct prediction of corner state configurations from edge winding numbers in two- and three-dimensional chiral-symmetric lattice systems. <i>Physical Review B</i> , <b>2018</b> , 98,	3.3	21
111	Quantum computation via Floquet topological edge modes. <i>Physical Review B</i> , <b>2018</b> , 98,	3.3	21
110	Single-atom energy-conversion device with a quantum load. <i>Npj Quantum Information</i> , <b>2020</b> , 6,	8.6	20
109	Controlled subnanosecond isomerization of HCN to CNH in solution. <i>Journal of Chemical Physics</i> , <b>2005</b> , 122, 204505	3.9	20
108	Kicked-Harper model versus on-resonance double-kicked rotor model: from spectral difference to topological equivalence. <i>Physical Review E</i> , <b>2013</b> , 88, 052920	2.4	19
107	Imaging the geometrical structure of the H <sub>2</sub> <sup>+</sup> molecular ion by high-order above-threshold ionization in an intense laser field. <i>Physical Review A</i> , <b>2009</b> , 80,	2.6	19
106	Chaos and quantum-classical correspondence via phase-space distribution functions. <i>Physical Review A</i> , <b>2003</b> , 68,	2.6	19
105	Photoinduced half-integer quantized conductance plateaus in topological-insulator/superconductor heterostructures. <i>Physical Review B</i> , <b>2018</b> , 97,	3.3	18
104	General method for complete population transfer in degenerate systems. <i>Physical Review A</i> , <b>2004</b> , 69,	2.6	18
103	Construction and optimization of a quantum analog of the Carnot cycle. <i>Physical Review E</i> , <b>2015</b> , 92, 012118	1.8	17
102	Nonlinear Landau-Zener processes in a periodic driving field. <i>New Journal of Physics</i> , <b>2008</b> , 10, 073008	2.9	17
101	Born rule in quantum and classical mechanics. <i>Physical Review A</i> , <b>2006</b> , 73,	2.6	17
100	Butterfly Floquet spectrum in driven SU(2) systems. <i>Physical Review Letters</i> , <b>2009</b> , 102, 244102	7.4	16
99	Protecting and enhancing spin squeezing via continuous dynamical decoupling. <i>Physical Review A</i> , <b>2012</b> , 86,	2.6	16

98	Quantum diffusion dynamics in nonlinear systems: a modified kicked-rotor model. <i>Physical Review E</i> , <b>2007</b> , 76, 036217	2.4	16
97	Entanglement-assisted coherent control in nonreactive diatom-diatom scattering. <i>Journal of Chemical Physics</i> , <b>2003</b> , 118, 2626	3.9	16
96	Quantum geometric tensor in PT-symmetric quantum mechanics. <i>Physical Review A</i> , <b>2019</b> , 99,	2.6	15
95	Optimized dynamical decoupling sequences in protecting two-qubit states. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2011</b> , 44, 175501	1.3	15
94	Preferred states of decoherence under intermediate system-environment coupling. <i>Physical Review Letters</i> , <b>2012</b> , 108, 070403	7.4	15
93	Emergence and full 3D-imaging of nodal boundary Seifert surfaces in 4D topological matter. <i>Communications Physics</i> , <b>2019</b> , 2,	5.4	14
92	Quantum control of ultra-cold atoms: uncovering a novel connection between two paradigms of quantum nonlinear dynamics. <i>Journal of Modern Optics</i> , <b>2009</b> , 56, 722-728	1.1	14
91	Adiabatic population transfer in a liquid: taking advantage of a decaying target state. <i>Journal of Chemical Physics</i> , <b>2004</b> , 120, 3777-86	3.9	14
90	Control of dynamical localization. <i>Physical Review E</i> , <b>2003</b> , 68, 056202	2.4	14
89	Floquet Mechanism for Non-Abelian Fractional Quantum Hall States. <i>Physical Review Letters</i> , <b>2018</b> , 121, 237401	7.4	14
88	Effects of dephasing on quantum adiabatic pumping with nonequilibrium initial states. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	13
87	Complete quantum control of the population transfer branching ratio between two degenerate target states. <i>Journal of Chemical Physics</i> , <b>2004</b> , 121, 1364-72	3.9	13
86	Development of quantum nonintegrability displayed in effective Hamiltonians: A three-level Lipkin model. <i>Physical Review E</i> , <b>1995</b> , 51, 1770-1779	2.4	13
85	Exponential wave-packet spreading via self-interaction time modulation. <i>Physical Review A</i> , <b>2016</b> , 94,	2.6	13
84	Time-dependent PT-symmetric quantum mechanics in generic non-Hermitian systems. <i>Physical Review A</i> , <b>2019</b> , 100,	2.6	13
83	Piecewise adiabatic following in non-Hermitian cycling. <i>Physical Review A</i> , <b>2018</b> , 97,	2.6	12
82	Spectral relationships between kicked Harper and on-resonance double kicked rotor operators. <i>Journal of Mathematical Physics</i> , <b>2009</b> , 50, 032103	1.2	11
81	Spin-dependent electron transport in two-dimensional waveguides of arbitrary geometry. <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	11

80	Phase control of nonadiabaticity-induced quantum chaos in an optical lattice. <i>Physical Review Letters</i> , <b>2002</b> , 88, 203001	7.4	11
79	Nonlinear Dirac cones. <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	10
78	Exponential quantum spreading in a class of kicked rotor systems near high-order resonances. <i>Physical Review E</i> , <b>2013</b> , 88, 052919	2.4	10
77	Phase-space characterization of complexity in quantum many-body dynamics. <i>Physical Review E</i> , <b>2010</b> , 82, 046216	2.4	10
76	Conductance properties of rough quantum wires with colored surface disorder. <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	10
75	Quantum and classical superballistic transport in a relativistic kicked-rotor system. <i>Physical Review E</i> , <b>2014</b> , 90, 022921	2.4	9
74	Indistinguishability and interference in the coherent control of atomic and molecular processes. <i>Journal of Chemical Physics</i> , <b>2010</b> , 132, 054306	3.9	9
73	Wave packet dynamics in one-dimensional linear and nonlinear generalized Fibonacci lattices. <i>Physical Review E</i> , <b>2011</b> , 83, 056205	2.4	9
72	Selective photochemistry via adiabatic passage: degenerate product states with different lifetimes. <i>Journal of Chemical Physics</i> , <b>2004</b> , 120, 5117-27	3.9	9
71	Coherent manipulation of quantum delta-kicked dynamics: faster-than-classical anomalous diffusion. <i>Physical Review E</i> , <b>2003</b> , 68, 026209	2.4	9
70	Merits and qualms of work fluctuations in classical fluctuation theorems. <i>Physical Review E</i> , <b>2017</b> , 95, 012106	2.4	8
69	Decoherence induced by a composite environment. <i>Physical Review A</i> , <b>2014</b> , 89,	2.6	8
68	Engineering topological phases with a three-dimensional nodal-loop semimetal. <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	8
67	Generating a fractal butterfly Floquet spectrum in a class of driven SU(2) systems: eigenstate statistics. <i>Physical Review E</i> , <b>2010</b> , 81, 066212	2.4	8
66	Equilibrium susceptibilities of superparamagnets: longitudinal and transverse, quantum and classical. <i>Journal of Physics Condensed Matter</i> , <b>2009</b> , 21, 456006	1.8	8
65	Chaos and correspondence in classical and quantum Hamiltonian ratchets: a Heisenberg approach. <i>Physical Review E</i> , <b>2009</b> , 79, 066207	2.4	8
64	Explicit designs of spin chains for perfect quantum state transfer. <i>European Physical Journal D</i> , <b>2008</b> , 50, 193-199	1.3	8
63	Enhanced higher harmonic generation from nodal topology. <i>Physical Review B</i> , <b>2020</b> , 102,	3.3	8



62	Piecewise adiabatic following: General analysis and exactly solvable models. <i>Physical Review A</i> , <b>2019</b> , 99,	2.6	8
61	Floquet higher-order topological insulator in a periodically driven bipartite lattice. <i>Physical Review B</i> , <b>2021</b> , 103,	3.3	8
60	Topological characterization of non-Hermitian multiband systems using Majorana's stellar representation. <i>Physical Review B</i> , <b>2020</b> , 101,	3.3	7
59	Principle of minimal work fluctuations. <i>Physical Review E</i> , <b>2015</b> , 92, 022130	2.4	7
58	Reexamination of measurement-induced chaos in entanglement-purification protocols. <i>Physical Review A</i> , <b>2013</b> , 87,	2.6	7
57	Discrete time crystals in many-body quantum chaos. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	7
56	Quantum work fluctuations in connection with the Jarzynski equality. <i>Physical Review E</i> , <b>2017</b> , 96, 042119	2.4	6
55	Deformed Jarzynski Equality. <i>Entropy</i> , <b>2017</b> , 19, 419	2.8	6
54	From disordered quantum walk to physics of off-diagonal disorder. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	6
53	Sensitive frequency dependence of the carrier-envelope phase effect on bound-bound transitions: An interference perspective. <i>Physical Review A</i> , <b>2010</b> , 82,	2.6	6
52	Generating a fractal butterfly Floquet spectrum in a class of driven SU(2) systems. <i>Physical Review E</i> , <b>2010</b> , 81, 026204	2.4	6
51	Quantum ratchet control harvesting on Landau-Zener transitions. <i>Europhysics Letters</i> , <b>2008</b> , 83, 40005	1.6	6
50	Infrared multiphoton induced isomerization and dissociation of FCN, ClCN, and BrCN in liquid Ar: a classical simulation study. <i>Journal of Chemical Physics</i> , <b>2007</b> , 127, 144501	3.9	6
49	Dual topological characterization of non-Hermitian Floquet phases. <i>Physical Review B</i> , <b>2021</b> , 103,	3.3	6
48	Optical cavity quantum electrodynamics with dark-state polaritons. <i>Physical Review A</i> , <b>2014</b> , 89,	2.6	5
47	Hierarchical theory of quantum adiabatic evolution. <i>New Journal of Physics</i> , <b>2014</b> , 16, 123024	2.9	5
46	The effect of state preparation in a many-body system. <i>Canadian Journal of Chemistry</i> , <b>2014</b> , 92, 119-127	0.9	5
45	All-optical imprinting of geometric phases onto matter waves. <i>Physical Review A</i> , <b>2009</b> , 79,	2.6	5

44	2D random matrix ensembles with reduced symmetry: from Hermitian to $\beta$ -symmetric matrices. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2012</b> , 45, 444014	2	5
43	Quantum versus classical decoherence dynamics. <i>Journal of Modern Optics</i> , <b>2003</b> , 50, 2411-2422	1.1	5
42	Topological pumping assisted by Bloch oscillations. <i>Physical Review Research</i> , <b>2020</b> , 2,	3.9	5
41	Nonlinearity induced topological physics in momentum space and real space. <i>Physical Review B</i> , <b>2020</b> , 102,	3.3	5
40	Floquet engineering with particle swarm optimization: Maximizing topological invariants. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	5
39	Quantized classical response from spectral winding topology. <i>Nature Communications</i> , <b>2021</b> , 12, 5294	17.4	5
38	Counterpropagating edge states in Floquet topological insulating phases. <i>Physical Review B</i> , <b>2020</b> , 101,	3.3	4
37	Dynamical fluctuations in classical adiabatic processes: General description and their implications. <i>Annals of Physics</i> , <b>2012</b> , 327, 1202-1213	2.5	4
36	Converting Zitterbewegung oscillation to directed motion. <i>Europhysics Letters</i> , <b>2011</b> , 96, 10004	1.6	4
35	Controlled measurement processes: Simple spin-chain model of controlled quantum-state amplification. <i>Physical Review A</i> , <b>2009</b> , 79,	2.6	4
34	Classical, Semiclassical, and Quantum Mechanical Unimolecular Reaction Rate Theory. <i>Advances in Chemical Physics</i> , <b>2005</b> , 1-142		4
33	Time-periodic corner states from Floquet higher-order topology.. <i>Nature Communications</i> , <b>2022</b> , 13, 11	17.4	4
32	Impurity induced scale-free localization. <i>Communications Physics</i> , <b>2021</b> , 4,	5.4	4
31	Intrinsic dynamical fluctuation assisted symmetry breaking in adiabatic following. <i>Physical Review Letters</i> , <b>2013</b> , 110, 130402	7.4	3
30	Dissipative adiabatic measurements: Beating the quantum Cram�r-Rao bound. <i>Physical Review Research</i> , <b>2020</b> , 2,	3.9	3
29	High-fidelity and long-distance entangled-state transfer with Floquet topological edge modes. <i>Physical Review A</i> , <b>2020</b> , 102,	2.6	3
28	Symmetry analysis of anomalous Floquet topological phases. <i>Physical Review B</i> , <b>2021</b> , 104,	3.3	3
27	Passive Nonlinear Optical Isolators Bypassing Dynamic Reciprocity. <i>Physical Review Applied</i> , <b>2021</b> , 16,	4.3	3

26	Direct dynamical characterization of higher-order topological phases with nested band inversion surfaces. <i>Science Bulletin</i> , <b>2021</b> , 66, 1502-1510	10.6	3
25	Characterization of Lifshitz transitions in topological nodal line semimetals. <i>European Physical Journal B</i> , <b>2018</b> , 91, 1	1.2	2
24	Perfect Zitterbewegung oscillations in the Kitaev chain system. <i>Physical Review A</i> , <b>2016</b> , 93,	2.6	2
23	Charge pumping in strongly coupled molecular quantum dots. <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	2
22	Scalable engineering of multipartite W states in a spin chain. <i>Physical Review A</i> , <b>2012</b> , 85,	2.6	2
21	Control of tripod-scheme cold-atom wavepackets by manipulating a non-Abelian vector potential. <i>Annals of Physics</i> , <b>2010</b> , 325, 1219-1234	2.5	2
20	Binding nonpolar molecules in an attractive inverse square potential. <i>Physical Review A</i> , <b>2005</b> , 72,	2.6	2
19	Comment on "Reaction imaging with interferometry". <i>Physical Review Letters</i> , <b>2002</b> , 89, 109301; author reply 109302	7.4	2
18	Coherence-preserving chaos in a mixed quantum classical description. <i>Physical Review E</i> , <b>1995</b> , 52, 57-62	2.4	2
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