

# L-C Kwek

## 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.

192  
papers

4,117  
citations

35  
h-index

57  
g-index

209  
ext. papers

5,150  
ext. citations

3.6  
avg, IF

5.52  
L-index

#	Paper	IF	Citations
192	Kinematic approach to the mixed state geometric phase in nonunitary evolution. <i>Physical Review Letters</i> , <b>2004</b> , 93, 080405	7.4	240
191	Direct estimations of linear and nonlinear functionals of a quantum state. <i>Physical Review Letters</i> , <b>2002</b> , 88, 217901	7.4	225
190	Nonadiabatic holonomic quantum computation in decoherence-free subspaces. <i>Physical Review Letters</i> , <b>2012</b> , 109, 170501	7.4	166
189	Nonadiabatic geometric quantum computation. <i>Physical Review A</i> , <b>2007</b> , 76,	2.6	117
188	Experimental quantum cloning with prior partial information. <i>Physical Review Letters</i> , <b>2005</b> , 94, 040505	7.4	106
187	Quantitative conditions do not guarantee the validity of the adiabatic approximation. <i>Physical Review Letters</i> , <b>2005</b> , 95, 110407	7.4	104
186	Coherent quantum transport in photonic lattices. <i>Physical Review A</i> , <b>2013</b> , 87,	2.6	103
185	Optically induced spin-Hall effect in atoms. <i>Physical Review Letters</i> , <b>2007</b> , 98, 026602	7.4	98
184	An integrated silicon photonic chip platform for continuous-variable quantum key distribution. <i>Nature Photonics</i> , <b>2019</b> , 13, 839-842	33.9	93
183	Quantum state discrimination and its applications. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2015</b> , 48, 083001	2	86
182	Clauser-Horne inequality for three-state systems. <i>Physical Review A</i> , <b>2002</b> , 65,	2.6	81
181	Sufficiency criterion for the validity of the adiabatic approximation. <i>Physical Review Letters</i> , <b>2007</b> , 98, 150402	7.4	79
180	Security of quantum key distributions with entangled qudits. <i>Physical Review A</i> , <b>2004</b> , 69,	2.6	72
179	Fast non-Abelian geometric gates via transitionless quantum driving. <i>Scientific Reports</i> , <b>2015</b> , 5, 18414	4.9	69
178	Gisin's theorem for three qubits. <i>Physical Review Letters</i> , <b>2004</b> , 93, 140407	7.4	68
177	Focus on atomtronics-enabled quantum technologies. <i>New Journal of Physics</i> , <b>2017</b> , 19, 020201	2.9	66
176	Quantum computation in noiseless subsystems with fast non-Abelian holonomies. <i>Physical Review A</i> , <b>2014</b> , 89,	2.6	62

175	An optical neural chip for implementing complex-valued neural network. <i>Nature Communications</i> , <b>2021</b> , 12, 457	17.4	58
174	Statistical reconstruction of qutrits. <i>Physical Review A</i> , <b>2004</b> , 70,	2.6	56
173	Quantum nonlocality of four-qubit entangled states. <i>Physical Review A</i> , <b>2007</b> , 75,	2.6	55
172	Quantum cryptography based on qutrit Bell inequalities. <i>Physical Review A</i> , <b>2003</b> , 67,	2.6	52
171	Scalable quantum memory in the ultrastrong coupling regime. <i>Scientific Reports</i> , <b>2015</b> , 5, 8621	4.9	51
170	Coherent superposition of current flows in an atomtronic quantum interference device. <i>New Journal of Physics</i> , <b>2015</b> , 17, 045023	2.9	49
169	Entangled three-state systems violate local realism more strongly than qubits: An analytical proof. <i>Physical Review A</i> , <b>2001</b> , 64,	2.6	49
168	Noisy intermediate-scale quantum algorithms. <i>Reviews of Modern Physics</i> , <b>2022</b> , 94,	40.5	49
167	Topological insulator and particle pumping in a one-dimensional shaken optical lattice. <i>Physical Review A</i> , <b>2014</b> , 90,	2.6	48
166	Scheme for unconventional geometric quantum computation in cavity QED. <i>Physical Review A</i> , <b>2007</b> , 75,	2.6	48
165	Geometric phase in open two-level system. <i>Europhysics Letters</i> , <b>2006</b> , 74, 958-964	1.6	47
164	All-versus-nothing proof of Einstein-Podolsky-Rosen steering. <i>Scientific Reports</i> , <b>2013</b> , 3, 2143	4.9	46
163	Squeezing Enhances Quantum Synchronization. <i>Physical Review Letters</i> , <b>2018</b> , 120, 163601	7.4	41
162	Geometric phase for entangled states of two spin-1/2 particles in rotating magnetic field. <i>Journal of Physics A</i> , <b>2003</b> , 36, 1149-1157		40
161	Relation between geometric phases of entangled bipartite systems and their subsystems. <i>Physical Review A</i> , <b>2003</b> , 68,	2.6	39
160	Effects of a squeezed-vacuum reservoir on geometric phase. <i>Physical Review A</i> , <b>2007</b> , 75,	2.6	36
159	Electronic entanglement purification scheme enhanced by charge detections. <i>Physical Review A</i> , <b>2005</b> , 71,	2.6	36
158	Geometric phase in open systems: Beyond the Markov approximation and weak-coupling limit. <i>Physical Review A</i> , <b>2006</b> , 73,	2.6	35

157	A dual-colored bio-marker made of doped ZnO nanocrystals. <i>Nanotechnology</i> , <b>2008</b> , 19, 345605	3.4	33
156	Coincidence bell inequality for three three-dimensional systems. <i>Physical Review Letters</i> , <b>2004</b> , 92, 250404	2.4	33
155	Quasideterministic realization of a universal quantum gate in a single scattering process. <i>Physical Review A</i> , <b>2012</b> , 85,	2.6	30
154	Noisy quantum game. <i>Physical Review A</i> , <b>2002</b> , 65,	2.6	30
153	Simulation and detection of photonic Chern insulators in a one-dimensional circuit-QED lattice. <i>Physical Review A</i> , <b>2015</b> , 92,	2.6	29
152	Effective dynamics of cold atoms flowing in two ring-shaped optical potentials with tunable tunneling. <i>Physical Review A</i> , <b>2013</b> , 88,	2.6	29
151	Geometric phase and entanglement for massive spin-1 particles. <i>European Physical Journal D</i> , <b>2005</b> , 33, 285-296	1.3	29
150	Violating Bell inequalities maximally for two d-dimensional systems. <i>Physical Review A</i> , <b>2006</b> , 74,	2.6	28
149	Direct estimation of functionals of density operators by local operations and classical communication. <i>Physical Review A</i> , <b>2003</b> , 68,	2.6	28
148	Adiabatic approximation in open systems: an alternative approach. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2007</b> , 40, 281-291	1.3	26
147	Non-classical effects of two-mode photon-added displaced squeezed states. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2001</b> , 34, 1059-1078	1.3	26
146	Creation of quantum error correcting codes in the ultrastrong coupling regime. <i>Physical Review B</i> , <b>2015</b> , 91,	3.3	25
145	Photon transport mediated by an atomic chain trapped along a photonic crystal waveguide. <i>Physical Review A</i> , <b>2018</b> , 98,	2.6	25
144	Hardy's paradox for high-dimensional systems. <i>Physical Review A</i> , <b>2013</b> , 88,	2.6	25
143	Chip-based quantum key distribution. <i>AAPPS Bulletin</i> , <b>2021</b> , 31, 1		24
142	Photon scattering by an atomic ensemble coupled to a one-dimensional nanophotonic waveguide. <i>Physical Review A</i> , <b>2017</b> , 96,	2.6	22
141	Application of Active Force Control and Iterative Learning in a 5-Link Biped Robot. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , <b>2003</b> , 37, 143-162	2.9	22
140	Three-qutrit correlations violate local realism more strongly than those of three qubits. <i>Physical Review A</i> , <b>2002</b> , 66,	2.6	21

139	Experimental quantum multimeter and one-qubit fingerprinting. <i>Physical Review A</i> , <b>2006</b> , 74,	2.6	20
138	Multipartite bound entanglement and three-setting Bell inequalities. <i>Physical Review A</i> , <b>2002</b> , 66,	2.6	20
137	Robust Self-Testing of Quantum Systems via Noncontextuality Inequalities. <i>Physical Review Letters</i> , <b>2019</b> , 122, 250403	7.4	19
136	Optimal irreversible stimulated emission. <i>New Journal of Physics</i> , <b>2012</b> , 14, 083029	2.9	19
135	Noncyclic phase for neutrino oscillation. <i>Physical Review D</i> , <b>2001</b> , 63,	4.9	19
134	Requirement of dissonance in assisted optimal state discrimination. <i>Scientific Reports</i> , <b>2013</b> , 3, 2134	4.9	18
133	Unconventional geometric quantum computation in a two-mode cavity. <i>Physical Review A</i> , <b>2007</b> , 76,	2.6	17
132	Nonlinear squeezed states. <i>Journal of Optics B: Quantum and Semiclassical Optics</i> , <b>2003</b> , 5, 383-386		17
131	Operator-sum representation of time-dependent density operators and its applications. <i>Physical Review A</i> , <b>2004</b> , 69,	2.6	16
130	Quartic anharmonic oscillator and non-Hermiticity. <i>Physical Review A</i> , <b>2003</b> , 67,	2.6	16
129	Uncertainty relation of mixed states by means of Wigner-Yanase-Dyson information. <i>Physical Review A</i> , <b>2009</b> , 79,	2.6	15
128	Quantum nonlocality of N-qubit W states. <i>Physical Review A</i> , <b>2006</b> , 73,	2.6	15
127	Readout of the atomtronic quantum interference device. <i>Physical Review A</i> , <b>2018</b> , 97,	2.6	14
126	Excitonic Character in Optical Properties of Tetrahedral CdX (X = S, Se, Te) Clusters. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 29171-29177	3.8	14
125	Engineering quantum cloning through maximal entanglement between boundary qubits in an open spin chain. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2010</b> , 43, 035302	2	14
124	Bell inequalities for three particles. <i>Physical Review A</i> , <b>2008</b> , 78,	2.6	14
123	An atomtronic flux qubit: a ring lattice of Bose-Einstein condensates interrupted by three weak links. <i>New Journal of Physics</i> , <b>2016</b> , 18, 075013	2.9	14
122	Quantum synchronization in nanoscale heat engines. <i>Physical Review E</i> , <b>2020</b> , 101, 020201	2.4	13

121	Mesoscopic Vortex Meissner currents in ring ladders. <i>Quantum Science and Technology</i> , <b>2018</b> , 3, 035006	5.5	13
120	Hydrogen-plasma-induced Rapid, Low-Temperature Crystallization of $\hbar$ -thick a-Si:H Films. <i>Scientific Reports</i> , <b>2016</b> , 6, 32716	4.9	13
119	Universal optimal broadband photon cloning and entanglement creation in one-dimensional atoms. <i>Physical Review A</i> , <b>2012</b> , 86,	2.6	13
118	Coherent control of long-distance steady-state entanglement in lossy resonator arrays. <i>Europhysics Letters</i> , <b>2010</b> , 91, 10003	1.6	13
117	Dynamical symmetry and geometric phase. <i>Physica Scripta</i> , <b>2007</b> , 75, 494-499	2.6	13
116	WRINGING OUT NEW BELL INEQUALITIES FOR THREE-DIMENSIONAL SYSTEMS (QUTRITS). <i>Modern Physics Letters A</i> , <b>2002</b> , 17, 2231-2237	1.3	13
115	Quantum and classical geometric phase of the time-dependent harmonic oscillator. <i>Physical Review A</i> , <b>2000</b> , 62,	2.6	13
114	Bures fidelity of displaced squeezed thermal states. <i>Physical Review A</i> , <b>1998</b> , 58, 4186-4190	2.6	13
113	Roadmap on Atomtronics: State of the art and perspective. <i>AVS Quantum Science</i> , <b>2021</b> , 3, 039201	10.3	13
112	Microwave transmission through an artificial atomic chain coupled to a superconducting photonic crystal. <i>Physical Review A</i> , <b>2019</b> , 99,	2.6	12
111	Dynamical quantum phase transitions and non-Markovian dynamics. <i>Physical Review A</i> , <b>2020</b> , 101,	2.6	12
110	Fractional spin Hall effect in atomic Bose gases. <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	12
109	Berry's phase under the Dzyaloshinskii-Moriya interaction. <i>Physical Review A</i> , <b>2008</b> , 77,	2.6	12
108	Averaged Wigner-Yanase-Dyson information as a quantum uncertainty measure. <i>European Physical Journal D</i> , <b>2011</b> , 64, 147-153	1.3	11
107	Kinematic approach to off-diagonal geometric phases of nondegenerate and degenerate mixed states. <i>Physical Review A</i> , <b>2005</b> , 71,	2.6	11
106	Quantum tunneling time. <i>Physical Review A</i> , <b>2004</b> , 69,	2.6	11
105	Buz ek-Hillery cloning revisited using the bures metric and trace norm. <i>Physical Review A</i> , <b>2000</b> , 62,	2.6	11
104	General approach to functional forms for the exponential quadratic operators in coordinate-momentum space. <i>Journal of Physics A</i> , <b>1998</b> , 31, 4329-4336		11

103	Entanglement convertibility by sweeping through the quantum phases of the alternating bonds XXZ chain. <i>Scientific Reports</i> , <b>2016</b> , 6, 26453	4.9	10
102	Quantum cryptography: Security criteria reexamined. <i>Physical Review A</i> , <b>2004</b> , 70,	2.6	10
101	Relaxation oscillations and frequency entrainment in quantum mechanics. <i>Physical Review E</i> , <b>2020</b> , 102, 042213	2.4	10
100	Machine learning meets quantum foundations: A brief survey. <i>AVS Quantum Science</i> , <b>2020</b> , 2, 034101	10.3	10
99	Aharonov-Bohm effect in mesoscopic Bose-Einstein condensates. <i>Physical Review A</i> , <b>2019</b> , 100,	2.6	9
98	Beyond Gisin's Theorem and its Applications: Violation of Local Realism by Two-Party Einstein-Podolsky-Rosen Steering. <i>Scientific Reports</i> , <b>2015</b> , 5, 11624	4.9	9
97	Correlation-function Bell inequality with improved visibility for three qubits. <i>Physical Review A</i> , <b>2008</b> , 77,	2.6	9
96	Continuous multipartite entangled state in Wigner representation and violation of the $\square$ kowski-Brukner inequality. <i>Physical Review A</i> , <b>2005</b> , 71,	2.6	9
95	Multicomponent Bell inequality and its violation for continuous-variable systems. <i>Physical Review A</i> , <b>2005</b> , 71,	2.6	9
94	Bures fidelity for diagonalizable quadratic Hamiltonians in multi-mode systems. <i>Journal of Physics A</i> , <b>2000</b> , 33, 4925-4934		9
93	Quantum Jeffreys prior for displaced squeezed thermal states. <i>Journal of Physics A</i> , <b>1999</b> , 32, 6613-6618		9
92	Proton and pion structure functions in the improved valon model. <i>Physical Review D</i> , <b>1999</b> , 59,	4.9	9
91	Structure of Optimal State Discrimination in Generalized Probabilistic Theories. <i>Entropy</i> , <b>2016</b> , 18, 39	2.8	9
90	Topological pumping in AharonovBohm rings. <i>Communications Physics</i> , <b>2019</b> , 2,	5.4	9
89	Resolving unattainable CramerBao bounds for quantum sensors. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2019</b> , 52, 015503	1.3	9
88	Simulating Zeno physics by a quantum quench with superconducting circuits. <i>Physical Review A</i> , <b>2014</b> , 89,	2.6	8
87	Spin chain under next nearest neighbor interaction. <i>Journal of Physics: Conference Series</i> , <b>2009</b> , 143, 012014	0.14	8
86	Separable states and geometric phases of an interacting two-spin system. <i>Physical Review A</i> , <b>2010</b> , 81,	2.6	8

85	Analytic expression for exact-ground-state energy based on an operator method for a class of anharmonic potentials. <i>Physical Review A</i> , <b>2000</b> , 62,	2.6	8
84	Space-efficient optical computing with an integrated chip diffractive neural network.. <i>Nature Communications</i> , <b>2022</b> , 13, 1044	17.4	8
83	Effects of noisy quantum channels on one-qubit rotation gate. <i>Science China: Physics, Mechanics and Astronomy</i> , <b>2012</b> , 55, 808-814	3.6	7
82	Manipulating atomic states via optical orbital angular-momentum. <i>Frontiers of Physics in China</i> , <b>2008</b> , 3, 113-125		7
81	A repeat-until-success quantum computing scheme. <i>New Journal of Physics</i> , <b>2007</b> , 9, 197-197	2.9	7
80	Entanglement purification based on photonic polarization parity measurements. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2005</b> , 38, 2827-2832	1.3	7
79	Solving the anharmonic oscillator problem with theSU(2) group. <i>Journal of Physics A</i> , <b>2001</b> , 34, 8889-8899		7
78	Unified approach for exactly solvable potentials in quantum mechanics using shift operators. <i>Physical Review A</i> , <b>2000</b> , 62,	2.6	7
77	Synchronization boost with single-photon dissipation in the deep quantum regime. <i>Physical Review Research</i> , <b>2020</b> , 2,	3.9	7
76	Optimal probes for global quantum thermometry. <i>Communications Physics</i> , <b>2021</b> , 4,	5.4	7
75	Andreev-reflection and AharonovBohm dynamics in atomtronic circuits. <i>Quantum Science and Technology</i> , <b>2019</b> , 4, 045001	5.5	6
74	Measurement-based quantum computation on two-body interacting qubits with adiabatic evolution. <i>Physical Review Letters</i> , <b>2014</b> , 113, 180501	7.4	6
73	Entanglement and discord in spin glass. <i>Laser Physics</i> , <b>2013</b> , 23, 025202	1.2	6
72	A single-interaction step implementation of a quantum search in coupled micro-cavities. <i>Europhysics Letters</i> , <b>2010</b> , 89, 20005	1.6	6
71	Photonic multiqubit states from a single atom. <i>Physical Review A</i> , <b>2011</b> , 83,	2.6	6
70	Tightly localized stationary pulses in a multilevel atomic system. <i>Physical Review A</i> , <b>2007</b> , 75,	2.6	6
69	High-sensitivity and specificity of laser-induced autofluorescence spectra for detection of colorectal cancer with an artificial neural network. <i>Applied Optics</i> , <b>2005</b> , 44, 4004-8	1.7	6
68	Kraus representation for the density operator of a qubit. <i>Laser Physics</i> , <b>2006</b> , 16, 1512-1516	1.2	6



67	Quantum tomographic cryptography with Bell diagonal states: Nonequivalence of classical and quantum distillation protocols. <i>Physical Review A</i> , <b>2005</b> , 71,	2.6	6
66	Synchronization of a self-sustained cold-atom oscillator. <i>Physical Review A</i> , <b>2018</b> , 97,	2.6	5
65	Security analysis with improved design of post-confirmation mechanism for quantum sealed-bid auction with single photons. <i>Quantum Information Processing</i> , <b>2018</b> , 17, 1	1.6	5
64	Cluster state generation in one-dimensional Kitaev honeycomb model via shortcut to adiabaticity. <i>New Journal of Physics</i> , <b>2018</b> , 20, 045007	2.9	5
63	Entanglement witness via symmetric two-body correlations. <i>Physical Review A</i> , <b>2016</b> , 93,	2.6	5
62	Monitoring currents in cold-atom circuits. <i>Physical Review A</i> , <b>2019</b> , 100,	2.6	5
61	Parity-preserving light-matter system mediates effective two-body interactions. <i>Quantum Science and Technology</i> , <b>2017</b> , 2, 025007	5.5	5
60	Quantum nonlocality of massive qubits in a moving frame. <i>Physical Review A</i> , <b>2013</b> , 88,	2.6	5
59	Realizing the multiparticle Hanbury Brown-Twiss interferometer using nitrogen-vacancy centers in diamond crystals. <i>Physical Review Letters</i> , <b>2012</b> , 108, 066803	7.4	5
58	Quantum dot as a resource for teleportation and state swapping. <i>Physical Review B</i> , <b>2007</b> , 75,	3.3	5
57	Generalized measure of quantum synchronization. <i>Physical Review Research</i> , <b>2020</b> , 2,	3.9	5
56	Floquet stroboscopic divisibility in non-Markovian dynamics. <i>New Journal of Physics</i> , <b>2018</b> , 20, 093004	2.9	5
55	Population mixing due to dipole-dipole interactions in a one-dimensional array of multilevel atoms. <i>Physical Review A</i> , <b>2018</b> , 98,	2.6	5
54	Yangians and transition operators. <i>European Physical Journal D</i> , <b>2000</b> , 50, 1229-1234		4
53	Long-distance dissipation-assisted transport of entangled states via a chiral waveguide. <i>Physical Review Research</i> , <b>2020</b> , 2,	3.9	4
52	Nonclassical states in strongly correlated bosonic ring ladders. <i>Physical Review A</i> , <b>2019</b> , 99,	2.6	3
51	Optimal scaling of persistent currents for interacting bosons on a ring. <i>European Physical Journal: Special Topics</i> , <b>2015</b> , 224, 519-524	2.3	3
50	Constant depth fault-tolerant Clifford circuits for multi-qubit large block codes. <i>Quantum Science and Technology</i> , <b>2020</b> , 5, 045007	5.5	3

49	Z2quantum memory implemented on circuit quantum electrodynamics <b>2014</b> ,		3
48	Repeat-until-success distributed quantum computation by using single-photon interference at a beam splitter. <i>Physical Review A</i> , <b>2008</b> , 78,	2.6	3
47	GEOMETRIC PHASE OF DICKE STATE OF EXCITONS IN N COUPLED QUANTUM DOTS. <i>Modern Physics Letters B</i> , <b>2004</b> , 18, 1433-1440	1.6	3
46	Cohomologies and peripheric chains. <i>European Physical Journal D</i> , <b>2001</b> , 51, 1374-1379		3
45	Topological pumping of quantum correlations. <i>Physical Review Research</i> , <b>2020</b> , 2,	3.9	3
44	Phase diffusion and the small-noise approximation in linear amplifiers: Limitations and beyond. <i>Quantum - the Open Journal for Quantum Science</i> , 3, 200		3
43	Robust semi-device-independent certification of all pure bipartite maximally entangled states via quantum steering. <i>Physical Review Research</i> , <b>2021</b> , 3,	3.9	3
42	Machine-learning engineering of quantum currents. <i>Physical Review Research</i> , <b>2021</b> , 3,	3.9	3
41	Optical properties of a waveguide-mediated chain of randomly positioned atoms. <i>Optics Express</i> , <b>2021</b> , 29, 1903-1917	3.3	3
40	Universal Quantum Multi-Qubit Entangling Gates with Auxiliary Spaces. <i>Advanced Quantum Technologies</i> , 2100136	4.3	3
39	Non-Classical Correlations in $\gamma$ -Cycle Setting. <i>Entropy</i> , <b>2019</b> , 21,	2.8	2
38	Beating the Clauser-Horne-Shimony-Holt and the Svetlichny games with optimal states. <i>Physical Review A</i> , <b>2016</b> , 93,	2.6	2
37	Quantum contextuality for a relativistic spin-1/2 particle. <i>Physical Review A</i> , <b>2013</b> , 87,	2.6	2
36	Composition-Dependent Structural and Electronic Properties of $(\text{Si}_{1-x}\text{C}_x)_3\text{N}_4$ . <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 2448-2453	3.8	2
35	Some comments on q-deformed oscillators and q-deformed $\text{su}(2)$ algebras. <i>European Physical Journal C</i> , <b>1998</b> , 5, 189-193	4.2	2
34	CLUSTER STATE QUANTUM COMPUTATION AND THE REPEAT-UNTIL-SUCCESS SCHEME. <i>International Journal of Modern Physics B</i> , <b>2008</b> , 22, 33-43	1.1	2
33	Generalized flying-qudit scheme in arbitrary dimensions. <i>Physical Review A</i> , <b>2008</b> , 77,	2.6	2
32	Quantum computation based on a quantum switch in cavity QED. <i>Laser Physics</i> , <b>2006</b> , 16, 1508-1511	1.2	2

31	General formalism of Hamiltonians for realizing a prescribed evolution of a qubit. <i>Physical Review A</i> , <b>2003</b> , 68,	2.6	2
30	Quantum nonlocality of Heisenberg XX model with site-dependent coupling strength. <i>Journal of Physics A</i> , <b>2004</b> , 37, 11475-11483		2
29	Distance and angular dependence of intensity ratios in laser-induced autofluorescence techniques. <i>Medical Physics</i> , <b>2004</b> , 31, 1072-5	4.4	2
28	On-Chip Continuous-Variable Quantum Key Distribution(CV-QKD) and Homodyne Detection <b>2020</b> ,		2
27	Rising Above the Quantum Noise. <i>Physics Magazine</i> , <b>2018</b> , 11,	1.1	2
26	Two-dimensional network of atomtronic qubits. <i>Physical Review A</i> , <b>2018</b> , 97,	2.6	1
25	Probing multipartite entanglement in spin chain via structure factors. <i>Laser Physics</i> , <b>2011</b> , 21, 1511-1517	1.2	1
24	Coherent manipulation of light pulses in a multilevel atomic system. <i>Laser Physics</i> , <b>2007</b> , 17, 1089-1097	1.2	1
23	Entanglement of three qubits. <i>Laser Physics</i> , <b>2007</b> , 17, 1098-1102	1.2	1
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