

# Paolo Facchi

## List of Publications by Citations

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174  
papers

3,734  
citations

30  
h-index

56  
g-index

190  
ext. papers

4,352  
ext. citations

2.6  
avg, IF

5.51  
L-index

#	Paper	IF	Citations
174	Quantum Zeno subspaces. <i>Physical Review Letters</i> , <b>2002</b> , 89, 080401	7.4	367
173	From the quantum zeno to the inverse quantum zeno effect. <i>Physical Review Letters</i> , <b>2001</b> , 86, 2699-7037	7.4	241
172	Quantum Zeno dynamics: mathematical and physical aspects. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2008</b> , 41, 493001	2	239
171	Unification of dynamical decoupling and the quantum Zeno effect. <i>Physical Review A</i> , <b>2004</b> , 69,	2.6	215
170	Control of decoherence: Analysis and comparison of three different strategies. <i>Physical Review A</i> , <b>2005</b> , 71,	2.6	163
169	Quantum Zeno dynamics. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2000</b> , 275, 12-19	2.3	113
168	Maximally multipartite entangled states. <i>Physical Review A</i> , <b>2008</b> , 77,	2.6	111
167	Temporal behavior and quantum Zeno time of an excited state of the hydrogen atom. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1998</b> , 241, 139-144	2.3	83
166	Phase transitions of bipartite entanglement. <i>Physical Review Letters</i> , <b>2008</b> , 101, 050502	7.4	68
165	Quantum Zeno and inverse quantum Zeno effects. <i>Progress in Optics</i> , <b>2001</b> , 147-217	3.4	62
164	Statistical mechanics of the cluster Ising model. <i>Physical Review A</i> , <b>2011</b> , 84,	2.6	61
163	Quantum Zeno dynamics of a field in a cavity. <i>Physical Review A</i> , <b>2012</b> , 86,	2.6	60
162	Quantum Zeno dynamics and quantum Zeno subspaces. <i>Journal of Physics: Conference Series</i> , <b>2009</b> , 196, 012017	0.3	60
161	Zeno dynamics yields ordinary constraints. <i>Physical Review A</i> , <b>2001</b> , 65,	2.6	58
160	Classical and quantum Fisher information in the geometrical formulation of quantum mechanics. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2010</b> , 374, 4801-4803	2.3	56
159	Phase space tweezers for tailoring cavity fields by quantum Zeno dynamics. <i>Physical Review Letters</i> , <b>2010</b> , 105, 213601	7.4	54
158	Probability-density-function characterization of multipartite entanglement. <i>Physical Review A</i> , <b>2006</b> , 74,	2.6	51

157	Robust gates for holonomic quantum computation. <i>Physical Review A</i> , <b>2006</b> , 73,	2.6	48
156	Bound states and entanglement generation in waveguide quantum electrodynamics. <i>Physical Review A</i> , <b>2016</b> , 94,	2.6	47
155	Discrete Abelian gauge theories for quantum simulations of QED. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2015</b> , 48, 30FT01	2	45
154	Spontaneous emission and lifetime modification caused by an intense electromagnetic field. <i>Physical Review A</i> , <b>2000</b> , 62,	2.6	43
153	Tricriticalities and Quantum Phases in Spin-Orbit-Coupled Spin-1 Bose Gases. <i>Physical Review Letters</i> , <b>2016</b> , 117, 125301	7.4	42
152	Phase transitions and metastability in the distribution of the bipartite entanglement of a large quantum system. <i>Physical Review A</i> , <b>2010</b> , 81,	2.6	41
151	Deviations from exponential law and Van Hove's limit. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>1999</b> , 271, 133-146	3.3	39
150	Bang-bang control of a qubit coupled to a quantum critical spin bath. <i>Physical Review A</i> , <b>2008</b> , 77,	2.6	38
149	Direct experimental evidence of free-fermion antibunching. <i>Physical Review Letters</i> , <b>2006</b> , 96, 080402	7.4	35
148	Slow relaxation, confinement, and solitons. <i>Physical Review Letters</i> , <b>2002</b> , 88, 224101	7.4	34
147	Generalized tomographic maps. <i>Physical Review A</i> , <b>2008</b> , 77,	2.6	32
146	Entanglement of two blocks of spins in the critical Ising model. <i>Physical Review A</i> , <b>2008</b> , 78,	2.6	32
145	Hausdorff clustering of financial time series. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2007</b> , 379, 635-644	3.3	30
144	Quantum Zeno Phenomena: Pulsed versus Continuous Measurement. <i>Fortschritte Der Physik</i> , <b>2001</b> , 49, 941	5.7	30
143	Berry phase from a quantum Zeno effect. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1999</b> , 257, 232-240	2.3	30
142	Measurement-Induced Quantum Diffusion. <i>Physical Review Letters</i> , <b>1999</b> , 83, 61-64	7.4	29
141	Real Time Dynamics and Confinement in the Zn Schwinger-Weyl lattice model for 1+1 QED. <i>Quantum - the Open Journal for Quantum Science</i> , 4, 281		29
140	Phase transitions in Zn gauge models: Towards quantum simulations of the Schwinger-Weyl QED. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	29

139	Clustering stock market companies via chaotic map synchronization. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2005</b> , 345, 196-206	3.3	27
138	Multipartite entanglement and frustration. <i>New Journal of Physics</i> , <b>2010</b> , 12, 025015	2.9	26
137	XY model on the circle: Diagonalization, spectrum, and forerunners of the quantum phase transition. <i>Physical Review A</i> , <b>2009</b> , 80,	2.6	25
136	Universality of the third-order phase transition in the constrained Coulomb gas. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , <b>2017</b> , 2017, 053303	1.9	23
135	Exponential rise of dynamical complexity in quantum computing through projections. <i>Nature Communications</i> , <b>2014</b> , 5, 5173	17.4	22
134	Quantum Zeno effect in a probed down-conversion process. <i>Physical Review A</i> , <b>2000</b> , 62,	2.6	22
133	A shortcut through the Coulomb gas method for spectral linear statistics on random matrices. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2016</b> , 49, 135202	2	22
132	Quantum parameter estimation affected by unitary disturbance. <i>Physical Review A</i> , <b>2013</b> , 88,	2.6	21
131	Classical statistical mechanics approach to multipartite entanglement. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2010</b> , 43, 225303	2	21
130	Statistical mechanics of multipartite entanglement. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2009</b> , 42, 055304	2	21
129	A quantum particle in a box with moving walls. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2013</b> , 46, 365301	2	20
128	Radon transform on the cylinder and tomography of a particle on the circle. <i>Physical Review A</i> , <b>2007</b> , 76,	2.6	20
127	Entropy-driven phase transitions of entanglement. <i>Physical Review A</i> , <b>2013</b> , 87,	2.6	19
126	XX model on the circle. <i>European Physical Journal: Special Topics</i> , <b>2008</b> , 160, 127-138	2.3	19
125	Distributed quantum metrology with a single squeezed-vacuum source. <i>Physical Review Research</i> , <b>2019</b> , 1,	3.9	19
124	Quantum Zeno effect and dynamics. <i>Journal of Mathematical Physics</i> , <b>2010</b> , 51, 022103	1.2	18
123	Statistical distribution of the local purity in a large quantum system. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2012</b> , 45, 015308	2	18
122	On the assumption of initial factorization in the master equation for weakly coupled systems I: General framework. <i>Annals of Physics</i> , <b>2007</b> , 322, 631-656	2.5	16

121	Optimal Gaussian metrology for generic multimode interferometric circuit. <i>New Journal of Physics</i> , <b>2019</b> , 21, 033014	2.9	15
120	Bound states in the continuum for an array of quantum emitters. <i>Physical Review A</i> , <b>2019</b> , 100,	2.6	14
119	Experimental Investigation of Quantum Decay at Short, Intermediate, and Long Times via Integrated Photonics. <i>Physical Review Letters</i> , <b>2019</b> , 122, 130401	7.4	14
118	Gaussian maximally multipartite-entangled states. <i>Physical Review A</i> , <b>2009</b> , 80,	2.6	14
117	On the assumption of initial factorization in the master equation for weakly coupled systems II: Solvable models. <i>Annals of Physics</i> , <b>2007</b> , 322, 657-676	2.5	14
116	Robustness of raw quantum tomography. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2011</b> , 375, 861-866	2.3	13
115	Greenberger-Horne-Zeilinger states and few-body Hamiltonians. <i>Physical Review Letters</i> , <b>2011</b> , 107, 260502	5.0	13
114	Hausdorff clustering. <i>Physical Review E</i> , <b>2008</b> , 78, 046112	2.4	13
113	CHARACTERIZING AND MEASURING MULTIPARTITE ENTANGLEMENT. <i>International Journal of Quantum Information</i> , <b>2007</b> , 05, 97-103	0.8	13
112	Two-mode bosonic quantum metrology with number fluctuations. <i>Physical Review A</i> , <b>2015</b> , 92,	2.6	12
111	Wave-function-renormalization effects in resonantly enhanced tunneling. <i>Physical Review A</i> , <b>2012</b> , 85,	2.6	12
110	Generalized Adiabatic Theorem and Strong-Coupling Limits. <i>Quantum - the Open Journal for Quantum Science</i> , 3, 152		12
109	Joint statistics of quantum transport in chaotic cavities. <i>Europhysics Letters</i> , <b>2015</b> , 110, 50002	1.6	11
108	Optical resolution from Fisher information. <i>European Physical Journal Plus</i> , <b>2016</b> , 131, 1	3.1	11
107	Dynamical imperfections in quantum computers. <i>Physical Review A</i> , <b>2005</b> , 71,	2.6	11
106	Moving walls and geometric phases. <i>Annals of Physics</i> , <b>2016</b> , 372, 201-214	2.5	11
105	Universality of the weak pushed-to-pulled transition in systems with repulsive interactions. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2018</b> , 51, 35LT01	2	11
104	Universal control induced by noise. <i>Physical Review A</i> , <b>2016</b> , 93,	2.6	10

103	Binary mixtures of condensates in generic confining potentials. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2011</b> , 44, 505305	2	10
102	Domain wall suppression in trapped mixtures of Bose-Einstein condensates. <i>Physical Review A</i> , <b>2012</b> , 86,	2.6	10
101	Control of decoherence: Dynamical decoupling versus quantum Zeno effect: A case study for trapped ions. <i>International Journal of Quantum Chemistry</i> , <b>2004</b> , 98, 160-172	2.1	10
100	Long-lived entanglement of two multilevel atoms in a waveguide. <i>Journal of Physics Communications</i> , <b>2018</b> , 2, 035006	1.2	9
99	Dynamical decoupling of unbounded Hamiltonians. <i>Journal of Mathematical Physics</i> , <b>2018</b> , 59, 032203	1.2	9
98	Invariant measures on multimode quantum Gaussian states. <i>Journal of Mathematical Physics</i> , <b>2012</b> , 53, 122209	1.2	9
97	Simulations of Lévy flights. <i>Physica Scripta</i> , <b>2009</b> , T135, 014036	2.6	9
96	Zeno dynamics and constraints. <i>Journal of Optics B: Quantum and Semiclassical Optics</i> , <b>2004</b> , 6, S492-S501		9
95	Van Hove's limit in nonrelativistic and relativistic field-theoretical models. <i>Chaos, Solitons and Fractals</i> , <b>2001</b> , 12, 2777-2787	9.3	9
94	Quantum Zeno tomography. <i>Physical Review A</i> , <b>2002</b> , 66,	2.6	9
93	Non-Abelian phases from quantum Zeno dynamics. <i>Physical Review A</i> , <b>2013</b> , 88,	2.6	8
92	Classical and quantum aspects of tomography <b>2010</b> ,		8
91	Quantumness and entanglement witnesses. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2012</b> , 45, 105302	2	8
90	Neutron wave-packet tomography. <i>Physical Review A</i> , <b>2006</b> , 73,	2.6	8
89	Multipartite entanglement characterization of a quantum phase transition. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2007</b> , 40, 8009-8018	2	8
88	Phase space Heisenberg-limited estimation of the average phase shift in a Mach-Zehnder interferometer. <i>International Journal of Quantum Information</i> , <b>2020</b> , 18, 1941019	0.8	7
87	Quantum systems with time-dependent boundaries. <i>International Journal of Geometric Methods in Modern Physics</i> , <b>2015</b> , 12, 1560003	1.5	7
86	Polarized ensembles of random pure states. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2013</b> , 46, 315306	2	7

85	On the inversion of the Radon transform: standard versus M 2 approach. <i>Journal of Modern Optics</i> , <b>2010</b> , 57, 239-243	1.1	7
84	The Observables of a Dissipative Quantum System. <i>Open Systems and Information Dynamics</i> , <b>2012</b> , 19, 1250002	0.4	7
83	Stability and instability in parametric resonance and quantum Zeno effect. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2001</b> , 279, 117-122	2.3	7
82	Typicality of Heisenberg scaling precision in multimode quantum metrology. <i>Physical Review Research</i> , <b>2021</b> , 3,	3.9	7
81	Dynamical algebra of observables in dissipative quantum systems. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2017</b> , 50, 065301	2	6
80	A dynamical composition law for boundary conditions. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2013</b> , 46, 102001	2	6
79	Spatial separation and entanglement of identical particles. <i>International Journal of Quantum Information</i> , <b>2014</b> , 12, 1461001	0.8	6
78	The classical limit of the quantum Zeno effect. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2010</b> , 43, 032001	2	6
77	Optimization of a neutron-spin test of the quantum Zeno effect. <i>Physical Review A</i> , <b>2003</b> , 68,	2.6	6
76	Decoherence and Fluctuations in Quantum Interference Experiments. <i>Fortschritte Der Physik</i> , <b>2001</b> , 49, 1033	5.7	6
75	Heisenberg scaling precision in multi-mode distributed quantum metrology. <i>New Journal of Physics</i> , <b>2021</b> , 23, 053002	2.9	6
74	Topological Order, Mixed States and Open Systems. <i>Open Systems and Information Dynamics</i> , <b>2019</b> , 26, 1950012	0.4	6
73	Self-adjoint extensions and unitary operators on the boundary. <i>Letters in Mathematical Physics</i> , <b>2018</b> , 108, 195-212	1.2	6
72	Can Decay Be Ascribed to Classical Noise?. <i>Open Systems and Information Dynamics</i> , <b>2017</b> , 24, 1750001	0.4	5
71	Large-time limit of the quantum Zeno effect. <i>Journal of Mathematical Physics</i> , <b>2017</b> , 58, 032103	1.2	5
70	Third-Order Phase Transition: Random Matrices and Screened Coulomb Gas with Hard Walls. <i>Journal of Statistical Physics</i> , <b>2019</b> , 175, 1262-1297	1.5	5
69	Nonexponential decay of Feshbach molecules. <i>Physical Review A</i> , <b>2020</b> , 101,	2.6	5
68	Typical entanglement. <i>European Physical Journal Plus</i> , <b>2013</b> , 128, 1	3.1	5

67	Hamiltonian purification. <i>Journal of Mathematical Physics</i> , <b>2015</b> , 56, 122104	1.2	5
66	Entanglement of electrons field-emitted from a superconductor. <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	5
65	Lateral effects in fermion antibunching. <i>Physical Review A</i> , <b>2008</b> , 77,	2.6	5
64	Multipartite entanglement in qubit systems. <i>Atti Della Accademia Nazionale Dei Lincei, Classe Di Scienze Fisiche, Matematiche E Naturali, Rendiconti Lincei Matematica E Applicazioni</i> , <b>2009</b> , 25-67	0.7	5
63	Quantum Zeno Subspaces and Decoherence. <i>Journal of the Physical Society of Japan</i> , <b>2003</b> , 72, 30-33	1.5	5
62	Quantum Zeno Dynamics from General Quantum Operations. <i>Quantum - the Open Journal for Quantum Science</i> , 4, 289		5
61	Spectral properties of the singular Friedrichs-Dee Hamiltonian. <i>Journal of Mathematical Physics</i> , <b>2021</b> , 62, 032102	1.2	5
60	Boundaries without boundaries. <i>Annals of Physics</i> , <b>2018</b> , 394, 139-154	2.5	5
59	Positive Hamiltonians can give purely exponential decay. <i>Physical Review A</i> , <b>2017</b> , 96,	2.6	4
58	Generalized tomographic maps and star-product formalism. <i>Physica Scripta</i> , <b>2015</b> , 90, 065101	2.6	4
57	Interference in a two-mode Bose system as a typical phenomenon. <i>Physical Review A</i> , <b>2014</b> , 89,	2.6	4
56	Local Hamiltonians for maximally multipartite-entangled states. <i>Physical Review A</i> , <b>2010</b> , 82,	2.6	4
55	Further evidence of antibunching of two coherent beams of fermions. <i>Physical Review A</i> , <b>2011</b> , 84,	2.6	4
54	Robustness of optimal working points for nonadiabatic holonomic quantum computation. <i>Laser Physics</i> , <b>2006</b> , 16, 1478-1485	1.2	4
53	Three Different Manifestations of the Quantum Zeno Effect. <i>Lecture Notes in Physics</i> , <b>2003</b> , 141-156	0.8	4
52	Decoherence versus entropy in neutron interferometry. <i>Physical Review A</i> , <b>2001</b> , 63,	2.6	4
51	Heisenberg scaling precision in the estimation of functions of parameters in linear optical networks. <i>Physical Review A</i> , <b>2021</b> , 104,	2.6	4
50	Hidden non-Markovianity in open quantum systems. <i>Physical Review A</i> , <b>2021</b> , 103,	2.6	4

49	Quantum cavities with alternating boundary conditions. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2018</b> , 51, 105301	2	3
48	Kick and Fix: The Roots of Quantum Control. <i>Proceedings (mdpi)</i> , <b>2019</b> , 12, 30	0.3	3
47	Phase diagram of bipartite entanglement. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2019</b> , 52, 414002	2	3
46	Defining quantumness via the Jordan product. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2014</b> , 47, 035301	2	3
45	Split and overlapped binary solitons in optical lattices. <i>Physical Review A</i> , <b>2015</b> , 92,	2.6	3
44	Phase randomization and typicality in the interference of two condensates. <i>International Journal of Quantum Information</i> , <b>2014</b> , 12, 1560019	0.8	3
43	Generalized quantum tomographic maps. <i>Physica Scripta</i> , <b>2012</b> , 85, 065001	2.6	3
42	Thermal decoherence in mesoscopic interference. <i>Journal of Modern Optics</i> , <b>2004</b> , 51, 1049-1055	1.1	3
41	Quantum Zeno effect in a nonlinear coupler. <i>Optics and Spectroscopy (English Translation of Optika i Spektroskopiya)</i> , <b>2001</b> , 91, 501-507	0.7	3
40	Decoherence in neutron interferometry. <i>Physica B: Condensed Matter</i> , <b>2000</b> , 276-278, 970-972	2.8	3
39	Heisenberg-limited estimation robust to photon losses in a Mach-Zehnder network with squeezed light. <i>Physical Review A</i> , <b>2022</b> , 105,	2.6	3
38	Correlated photon emission by two excited atoms in a waveguide. <i>Physical Review A</i> , <b>2018</b> , 98,	2.6	3
37	Typical observables in a two-mode Bose system. <i>Physical Review A</i> , <b>2015</b> , 91,	2.6	2
36	Quantum typicality and initial conditions. <i>Physica Scripta</i> , <b>2015</b> , 90, 074057	2.6	2
35	The Friedrichs-Lee Model and Its Singular Coupling Limit. <i>Proceedings (mdpi)</i> , <b>2019</b> , 12, 17	0.3	2
34	Generalized product formulas and quantum control. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2019</b> , 52, 435301	2	2
33	Quantum thermodynamics and canonical typicality. <i>International Journal of Geometric Methods in Modern Physics</i> , <b>2017</b> , 14, 1740001	1.5	2
32	Large-N approximated field theory for multipartite entanglement. <i>Physical Review A</i> , <b>2015</b> , 92,	2.6	2

31	ENTANGLEMENT FRUSTRATION IN MULTIMODE GAUSSIAN STATES. <i>International Journal of Geometric Methods in Modern Physics</i> , <b>2012</b> , 09, 1260022	1.5	2
30	CONTROL OF DECOHERENCE VIA QUANTUM ZENO SUBSPACES. <i>International Journal of Modern Physics B</i> , <b>2006</b> , 20, 1408-1420	1.1	2
29	Advanced Neutron Imaging and Sensing. <i>Advances in Imaging and Electron Physics</i> , <b>2006</b> , 142, 53-157	0.2	2
28	Non-adaptive Heisenberg-limited metrology with multi-channel homodyne measurements. <i>European Physical Journal Plus</i> , <b>2022</b> , 137, 1	3.1	2
27	QUANTUM ZENO SUBSPACES AND DYNAMICAL SUPERSELECTION RULES <b>2003</b> ,		2
26	Stationary excitation waves and multimerization in arrays of quantum emitters. <i>New Journal of Physics</i> , <b>2021</b> , 23, 103033	2.9	2
25	Tomography: mathematical aspects and applications. <i>Physica Scripta</i> , <b>2015</b> , 90, 074007	2.6	1
24	Feynman graphs and the large dimensional limit of multipartite entanglement. <i>Journal of Mathematical Physics</i> , <b>2018</b> , 59, 012201	1.2	1
23	Experimental Investigation of Quantum Decay via Integrated Photonics. <i>Proceedings (mdpi)</i> , <b>2019</b> , 12, 9	0.3	1
22	Quantum fluctuation relations. <i>International Journal of Geometric Methods in Modern Physics</i> , <b>2017</b> , 14, 1740002	1.5	1
21	Entanglement-assisted tomography of a quantum target. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2012</b> , 45, 105309	2	1
20	Quantum Zeno effect in a model multilevel molecule. <i>Journal of Physical Chemistry A</i> , <b>2009</b> , 113, 14875-868		1
19	Zeno Subspaces for Coupled Superconducting Qubits. <i>Foundations of Physics</i> , <b>2006</b> , 36, 500-511	1.2	1
18	Decoherence, fluctuations and Wigner function in neutron optics. <i>Journal of Optics B: Quantum and Semiclassical Optics</i> , <b>2003</b> , 5, S290-S298		1
17	Fractal entropy of a chain of nonlinear oscillators. <i>Physical Review E</i> , <b>2003</b> , 68, 026211	2.4	1
16	Eternal adiabaticity in quantum evolution. <i>Physical Review A</i> , <b>2021</b> , 103,	2.6	1
15	Kolmogorov-Arnold-Moser Stability for Conserved Quantities in Finite-Dimensional Quantum Systems. <i>Physical Review Letters</i> , <b>2021</b> , 126, 150401	7.4	1
14	Continuous and Pulsed Quantum Control. <i>Proceedings (mdpi)</i> , <b>2019</b> , 12, 15	0.3	0

13	On the Derivation of the GKLS Equation for Weakly Coupled Systems. <i>Open Systems and Information Dynamics</i> , <b>2017</b> , 24, 1740017	0.4	0
12	Light interaction with extended quantum systems in dispersive media. <i>New Journal of Physics</i> , <b>2020</b> , 22, 123047	2.9	0
11	Volume of the set of LOCC-convertible quantum states. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2020</b> , 53, 175303	2	0
10	Dimensional reduction of electromagnetism. <i>Journal of Mathematical Physics</i> , <b>2022</b> , 63, 022902	1.2	0
9	Quantum magnetic billiards: Boundary conditions and gauge transformations. <i>Annals of Physics</i> , <b>2022</b> , 168914	2.5	0
8	Unearthing wave-function renormalization effects in the time evolution of a Bose-Einstein condensate. <i>Physica Scripta</i> , <b>2013</b> , T153, 014024	2.6	
7	Singular densities, test particles and generalized Hamiltonian systems in general relativity. <i>Journal of Geometry and Physics</i> , <b>2011</b> , 61, 333-341	1.2	
6	THE GEOMETRY OF THE QUANTUM ZENO EFFECT. <i>International Journal of Geometric Methods in Modern Physics</i> , <b>2012</b> , 09, 1260024	1.5	
5	Interference of Mesoscopic Particles: Quantum-Classical Transition. <i>Open Systems and Information Dynamics</i> , <b>2007</b> , 14, 139-148	0.4	
4	Frame Independent Dynamics in the Newtonian Space-Time. <i>Qualitative Theory of Dynamical Systems</i> , <b>2008</b> , 7, 7-41	0.8	
3	Quantum Zeno Tomography. <i>Fortschritte Der Physik</i> , <b>2001</b> , 49, 1071	5.7	
2	Towards a quantum Zeno tomography <b>2003</b> , 529-530		
1	The Role of Auxiliary Stages in Gaussian Quantum Metrology. <i>Photonics</i> , <b>2022</b> , 9, 345	2.2	