

# Barry C Sanders

## List of Publications by Year in Descending Order

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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.

342  
papers

12,969  
citations

56  
h-index

102  
g-index

411  
ext. papers

15,055  
ext. citations

3.6  
avg, IF

6.75  
L-index

#	Paper	IF	Citations
342	Sub-Planck structures: Analogies between the Heisenberg-Weyl and SU(2) groups. <i>Physical Review A</i> , <b>2021</b> , 103,	2.6	1
341	Microwave-driven generation and group delay control of optical pulses from an ultra-dilute atomic ensemble. <i>Optics Express</i> , <b>2021</b> , 29, 15940-15952	3.3	0
340	Broadband quantum memory in a cavity via zero spectral dispersion. <i>New Journal of Physics</i> , <b>2021</b> , 23, 063071	2.9	1
339	Squeezed comb states. <i>Physical Review A</i> , <b>2021</b> , 103,	2.6	6
338	Channel discord and distortion. <i>New Journal of Physics</i> , <b>2021</b> , 23, 083025	2.9	
337	Symmetric Rydberg controlled-Z gates with adiabatic pulses. <i>Physical Review A</i> , <b>2020</b> , 101,	2.6	23
336	Interferometrically estimating a quadratic form for any immanant of a matrix and its permutations. <i>Physical Review A</i> , <b>2020</b> , 101,	2.6	1
335	Surface-polaritonic phase singularities and multimode polaritonic frequency combs via dark rogue-wave excitation in hybrid plasmonic waveguide. <i>New Journal of Physics</i> , <b>2020</b> , 22, 033008	2.9	10
334	Two-colour interferometry and switching through optomechanical dark mode excitation. <i>Nature Communications</i> , <b>2020</b> , 11, 2208	17.4	12
333	Experimental quantum cloning in a pseudo-unitary system. <i>Physical Review A</i> , <b>2020</b> , 101,	2.6	10
332	Nonlinear frequency conversions via weak surface polaritonic wave breaking in a hybrid plasmonic waveguide. <i>Optics Letters</i> , <b>2020</b> , 45, 5432-5435	3	6
331	Multiple uncertainty relation for accelerated quantum information. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	1
330	Randomized benchmarking for qudit Clifford gates. <i>New Journal of Physics</i> , <b>2020</b> , 22, 063014	2.9	4
329	Quasi-fine-grained uncertainty relations. <i>New Journal of Physics</i> , <b>2020</b> , 22, 073063	2.9	0
328	Criticality in two-mode interferometers. <i>Physical Review A</i> , <b>2020</b> , 102,	2.6	1
327	Cloning of Quantum Entanglement. <i>Physical Review Letters</i> , <b>2020</b> , 125, 210502	7.4	2
326	Qudits and High-Dimensional Quantum Computing. <i>Frontiers in Physics</i> , <b>2020</b> , 8,	3.9	18

325	qkdSim, a Simulation Toolkit for Quantum Key Distribution Including Imperfections: Performance Analysis and Demonstration of the B92 Protocol Using Heralded Photons. <i>Physical Review Applied</i> , <b>2020</b> , 14,	4.3	5
324	Analog-Quantum Feature Mapping for Machine-Learning Applications. <i>Physical Review Applied</i> , <b>2020</b> , 14,	4.3	1
323	Experimental Demonstration of Quantum Fully Homomorphic Encryption with Application in a Two-Party Secure Protocol. <i>Physical Review X</i> , <b>2020</b> , 10,	9.1	2
322	Efficient verification of bosonic quantum channels via benchmarking. <i>New Journal of Physics</i> , <b>2019</b> , 21, 073026	2.9	5
321	Quantum tetrachotomous states: Superposition of four coherent states on a line in phase space. <i>Physical Review A</i> , <b>2019</b> , 99,	2.6	4
320	Observation of emergent momentum-time skyrmions in parity-time-symmetric non-unitary quench dynamics. <i>Nature Communications</i> , <b>2019</b> , 10, 2293	17.4	53
319	Polaritonic frequency-comb generation and breather propagation in a negative-index metamaterial with a cold four-level atomic medium. <i>Physical Review A</i> , <b>2019</b> , 99,	2.6	17
318	Experimental Quantum Switching for Exponentially Superior Quantum Communication Complexity. <i>Physical Review Letters</i> , <b>2019</b> , 122, 120504	7.4	41
317	Topological quantum walks: Theory and experiments. <i>Frontiers of Physics</i> , <b>2019</b> , 14, 1	3.7	5
316	Near-100% two-photon-like coincidence-visibility dip with classical light and the role of complementarity. <i>Physical Review A</i> , <b>2019</b> , 100,	2.6	6
315	Robustness of quantum-enhanced adaptive phase estimation. <i>Physical Review A</i> , <b>2019</b> , 100,	2.6	14
314	Continuous-variable ramp quantum secret sharing with Gaussian states and operations. <i>New Journal of Physics</i> , <b>2019</b> , 21, 113023	2.9	5
313	Phase-sensitive amplification of an optical field using microwaves. <i>Optics Express</i> , <b>2019</b> , 27, 32111-32121	3.3	7
312	Spectral singularities of a potential created by two coupled microring resonators. <i>Optics Letters</i> , <b>2019</b> , 44, 2024-2027	3	
311	Double-slit interferometry as a lossy beam splitter. <i>New Journal of Physics</i> , <b>2019</b> , 21, 113022	2.9	0
310	Entanglement-enhanced quantum metrology in a noisy environment. <i>Physical Review A</i> , <b>2018</b> , 97,	2.6	23
309	Ab initio characterization of coupling strength for all types of dangling-bond pairs on the hydrogen-terminated Si(100)-2 × 1 surface. <i>Journal of Chemical Physics</i> , <b>2018</b> , 148, 154701	3.9	2
308	Quantum walk on a chimera graph. <i>New Journal of Physics</i> , <b>2018</b> , 20, 053039	2.9	3

307	Fault-tolerant conversion between adjacent Reed-Muller quantum codes based on gauge fixing. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2018</b> , 51, 115305	2	4
306	Coincidence landscapes for polarized bosons. <i>Physical Review A</i> , <b>2018</b> , 98,	2.6	3
305	Excitation and propagation of surface polaritonic rogue waves and breathers. <i>Physical Review A</i> , <b>2018</b> , 98,	2.6	18
304	Permutational symmetries for coincidence rates in multimode multiphotonic interferometry. <i>Physical Review A</i> , <b>2018</b> , 97,	2.6	5
303	Quantification and manipulation of magic states. <i>Physical Review A</i> , <b>2018</b> , 97,	2.6	12
302	Quantum control for high-fidelity multi-qubit gates. <i>New Journal of Physics</i> , <b>2018</b> , 20, 113009	2.9	8
301	Higher winding number in a nonunitary photonic quantum walk. <i>Physical Review A</i> , <b>2018</b> , 98,	2.6	27
300	Uncover Topology by Quantum Quench Dynamics. <i>Physical Review Letters</i> , <b>2018</b> , 121, 250403	7.4	70
299	State-independent uncertainty relations. <i>Physical Review A</i> , <b>2018</b> , 98,	2.6	8
298	Observation of Topologically Protected Edge States in a Photonic Two-Dimensional Quantum Walk. <i>Physical Review Letters</i> , <b>2018</b> , 121, 100502	7.4	48
297	Reinforcement Learning for Quantum Metrology via Quantum Control <b>2018</b> ,		1
296	Efficient code for relativistic quantum summoning. <i>New Journal of Physics</i> , <b>2018</b> , 20, 063052	2.9	5
295	Learning in quantum control: High-dimensional global optimization for noisy quantum dynamics. <i>Neurocomputing</i> , <b>2017</b> , 268, 116-126	5.4	47
294	Unity-Efficiency Parametric Down-Conversion via Amplitude Amplification. <i>Physical Review Letters</i> , <b>2017</b> , 118, 123601	7.4	5
293	Cooperative light scattering in any dimension. <i>Physical Review A</i> , <b>2017</b> , 95,	2.6	6
292	Relativistic (2,3)-threshold quantum secret sharing. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	11
291	Detecting Topological Invariants in Nonunitary Discrete-Time Quantum Walks. <i>Physical Review Letters</i> , <b>2017</b> , 119, 130501	7.4	96
290	Decomposition of split-step quantum walks for simulating Majorana modes and edge states. <i>Physical Review A</i> , <b>2017</b> , 95,	2.6	8

289	Journeys from quantum optics to quantum technology. <i>Progress in Quantum Electronics</i> , <b>2017</b> , 54, 19-45	9.1	26
288	Observation of topological edge states in parity-time-symmetric quantum walks. <i>Nature Physics</i> , <b>2017</b> , 13, 1117-1123	16.2	267
287	Strong Coherent Light Amplification with Double Electromagnetically Induced Transparency Coherences. <i>Scientific Reports</i> , <b>2017</b> , 7, 5796	4.9	13
286	Demonstration of a high-contrast optical switching in an atomic Delta system. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2017</b> , 50, 165502	1.3	5
285	Experimental Blind Quantum Computing for a Classical Client. <i>Physical Review Letters</i> , <b>2017</b> , 119, 050503	3.4	45
284	Characterization of surface-plasmon polaritons at lossy interfaces. <i>Journal of Optics (United Kingdom)</i> , <b>2017</b> , 19, 125004	1.7	8
283	Detecting Topological Transitions in Two Dimensions by Hamiltonian Evolution. <i>Physical Review Letters</i> , <b>2017</b> , 119, 197401	7.4	4
282	Experimental quantum channel simulation. <i>Physical Review A</i> , <b>2017</b> , 95,	2.6	15
281	Robustness of learning-assisted adaptive quantum-enhanced metrology in the presence of noise <b>2017</b> ,		1
280	Enhanced nonlinear susceptibility via double-double electromagnetically induced transparency. <i>Physical Review A</i> , <b>2016</b> , 94,	2.6	19
279	Spacetime replication of continuous variable quantum information. <i>New Journal of Physics</i> , <b>2016</b> , 18, 083043	2.9	11
278	Propagation of radiation pulses through gas-plasma mixtures. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2016</b> , 49, 075501	1.3	
277	Precise space-time positioning for entanglement harvesting. <i>New Journal of Physics</i> , <b>2016</b> , 18, 043031	2.9	12
276	Realization of the Contextuality-Nonlocality Tradeoff with a Qubit-Qutrit Photon Pair. <i>Physical Review Letters</i> , <b>2016</b> , 116, 090401	7.4	34
275	Stability theorem of depolarizing channels for the minimal output quantum Rényi entropies. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2016</b> , 49, 115304	2	
274	Bounding quantum gate error rate based on reported average fidelity. <i>New Journal of Physics</i> , <b>2016</b> , 18, 012002	2.9	51
273	Accurate and precise characterization of linear optical interferometers. <i>Journal of Optics (United Kingdom)</i> , <b>2016</b> , 18, 035204	1.7	8
272	Quantum simulation of macro and micro quantum phase transition from paramagnetism to frustrated magnetism with a superconducting circuit. <i>New Journal of Physics</i> , <b>2016</b> , 18, 033015	2.9	4

271	Single-shot adaptive measurement for quantum-enhanced metrology <b>2016</b> ,		2
270	Commentary: Asked to speak in a developing country? Say yes!. <i>Physics Today</i> , <b>2016</b> , 69, 10-12	0.9	2
269	Designing High-Fidelity Single-Shot Three-Qubit Gates: A Machine-Learning Approach. <i>Physical Review Applied</i> , <b>2016</b> , 6,	4.3	50
268	Creating cat states in one-dimensional quantum walks using delocalized initial states. <i>New Journal of Physics</i> , <b>2016</b> , 18, 093025	2.9	13
267	Quantum computation with coherent spin states and the close Hadamard problem. <i>Quantum Information Processing</i> , <b>2016</b> , 15, 1361-1386	1.6	13
266	Experimental quantum-walk revival with a time-dependent coin. <i>Physical Review Letters</i> , <b>2015</b> , 114, 140502	7.4	65
265	High-Fidelity Single-Shot Toffoli Gate via Quantum Control. <i>Physical Review Letters</i> , <b>2015</b> , 114, 200502	7.4	66
264	Nonzero Classical Discord. <i>Physical Review Letters</i> , <b>2015</b> , 115, 030403	7.4	8
263	Slowing the probe field in the second window of double-double electromagnetically induced transparency. <i>Physical Review A</i> , <b>2015</b> , 91,	2.6	15
262	Realization of Single-Qubit Positive-Operator-Valued Measurement via a One-Dimensional Photonic Quantum Walk. <i>Physical Review Letters</i> , <b>2015</b> , 114, 203602	7.4	49
261	Quantum circuit design for accurate simulation of qudit channels. <i>New Journal of Physics</i> , <b>2015</b> , 17, 043004	7.4	13
260	Multiscale quantum simulation of quantum field theory using wavelets. <i>Physical Review A</i> , <b>2015</b> , 92,	2.6	19
259	Localized state in a two-dimensional quantum walk on a disordered lattice. <i>Physical Review A</i> , <b>2015</b> , 92,	2.6	21
258	Generalized Multiphoton Quantum Interference. <i>Physical Review X</i> , <b>2015</b> , 5,	9.1	66
257	Algorithms for SU(n) boson realizations and D-functions. <i>Journal of Mathematical Physics</i> , <b>2015</b> , 56, 111705	7.4	5
256	Practical long-distance quantum key distribution through concatenated entanglement swapping with parametric down-conversion sources. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2015</b> , 32, 2382	1.7	6
255	Connection between the NOON state and a superposition of SU(2) coherent states. <i>Physical Review A</i> , <b>2014</b> , 90,	2.6	7
254	Long-distance quantum communication through any number of entanglement-swapping operations. <i>Physical Review A</i> , <b>2014</b> , 90,	2.6	14

253	Double-double electromagnetically induced transparency with amplification. <i>Physical Review A</i> , <b>2014</b> , 89,	2.6	32
252	Evolutionary algorithms for hard quantum control. <i>Physical Review A</i> , <b>2014</b> , 90,	2.6	34
251	Stability of the Trotter-Suzuki decomposition. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2014</b> , 47, 265206	2	12
250	Quantum resource theory for charge-parity-time inversion. <i>Physical Review A</i> , <b>2014</b> , 90,	2.6	3
249	Characterizing the rate and coherence of single-electron tunneling between two dangling bonds on the surface of silicon. <i>Physical Review B</i> , <b>2014</b> , 89,	3.3	10
248	Nonlinear phase shifts of light trapped in a two-component Bose-Einstein condensate. <i>Physical Review A</i> , <b>2014</b> , 89,	2.6	2
247	Coincidence landscapes for three-channel linear optical networks. <i>Physical Review A</i> , <b>2014</b> , 89,	2.6	28
246	Effects of temperature and ground-state coherence decay on enhancement and amplification in a $\Lambda$ atomic system. <i>Physical Review A</i> , <b>2014</b> , 90,	2.6	16
245	Observation of quasiperiodic dynamics in a one-dimensional quantum walk of single photons in space. <i>New Journal of Physics</i> , <b>2014</b> , 16, 053009	2.9	34
244	Gaussian quantum computation with oracle-decision problems. <i>Quantum Information Processing</i> , <b>2013</b> , 12, 1759-1779	1.6	3
243	Discrete-time quantum walk with nitrogen-vacancy centers in diamond coupled to a superconducting flux qubit. <i>Physical Review A</i> , <b>2013</b> , 88,	2.6	10
242	Efficient Algorithms for Universal Quantum Simulation. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 1-10	0.9	3
241	Quantum frameness for CPT symmetry. <i>Physical Review Letters</i> , <b>2013</b> , 111, 020504	7.4	14
240	Input-output theory for waveguide QED with an ensemble of inhomogeneous atoms. <i>Physical Review A</i> , <b>2013</b> , 88,	2.6	143
239	Solovay-Kitaev decomposition strategy for single-qubit channels. <i>Physical Review Letters</i> , <b>2013</b> , 111, 130504	7.4	31
238	Slow light with three-level atoms in metamaterial waveguides. <i>Physical Review A</i> , <b>2013</b> , 88,	2.6	9
237	Practical long-distance quantum communication using concatenated entanglement swapping. <i>Physical Review A</i> , <b>2013</b> , 88,	2.6	8
236	Fermionized photons in the ground state of one-dimensional coupled cavities. <i>Physical Review A</i> , <b>2013</b> , 88,	2.6	7

235	Stabilizer formalism for generalized concatenated quantum codes <b>2013</b> ,		1
234	Differential evolution for many-particle adaptive quantum metrology. <i>Physical Review Letters</i> , <b>2013</b> , 110, 220501	7.4	36
233	Photon-mediated interactions between distant artificial atoms. <i>Science</i> , <b>2013</b> , 342, 1494-6	33.3	304
232	Accessing quantum secrets via local operations and classical communication. <i>Physical Review A</i> , <b>2013</b> , 88,	2.6	20
231	SU(3) quantum interferometry with single-photon input pulses. <i>Physical Review Letters</i> , <b>2013</b> , 110, 113603	7.4	34
230	Controlling and reversing the transition from classical diffusive to quantum ballistic transport in a quantum walk by driving the coin. <i>Physical Review A</i> , <b>2013</b> , 87,	2.6	10
229	Entanglement sharing protocol via quantum error-correcting codes. <i>Physical Review A</i> , <b>2013</b> , 87,	2.6	4
228	Enhanced Feedback Iterative Decoding of Sparse Quantum Codes. <i>IEEE Transactions on Information Theory</i> , <b>2012</b> , 58, 1231-1241	2.8	46
227	Low-loss surface modes and lossy hybrid modes in metamaterial waveguides. <i>Photonics and Nanostructures - Fundamentals and Applications</i> , <b>2012</b> , 10, 602-614	2.6	13
226	Coherent control of microwave pulse storage in superconducting circuits. <i>Physical Review Letters</i> , <b>2012</b> , 109, 253603	7.4	36
225	Probing multipartite entanglement in a coupled Jaynes-Cummings system. <i>Physical Review A</i> , <b>2012</b> , 86,	2.6	11
224	Limitations to sharing entanglement. <i>Contemporary Physics</i> , <b>2012</b> , 53, 417-432	3.3	39
223	Review of entangled coherent states. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2012</b> , 45, 244002	10.2	116
222	Quantum effects in biological electron transfer. <i>Physical Chemistry Chemical Physics</i> , <b>2012</b> , 14, 5902-18	3.6	30
221	Entanglement creation with negative index metamaterials. <i>Physical Review A</i> , <b>2012</b> , 85,	2.6	35
220	Quantum-circuit design for efficient simulations of many-body quantum dynamics. <i>New Journal of Physics</i> , <b>2012</b> , 14, 103017	2.9	31
219	Two quantum walkers sharing coins. <i>Physical Review A</i> , <b>2012</b> , 85,	2.6	35
218	Quantum Cryptography for Information-Theoretic Security. <i>NATO Science for Peace and Security Series A: Chemistry and Biology</i> , <b>2012</b> , 335-343	0.1	1



217	Unified entropy, entanglement measures and monogamy of multi-party entanglement. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2011</b> , 44, 295303	2	42
216	Quantum optics in superconducting circuits <b>2011</b> ,		2
215	Quantum process tomography with coherent states. <i>New Journal of Physics</i> , <b>2011</b> , 13, 013006	2.9	39
214	Long-distance practical quantum key distribution by entanglement swapping. <i>Optics Express</i> , <b>2011</b> , 19, 3004-18	3.3	30
213	Monogamy of Multi-qubit Entanglement in Terms of Rényi and Tsallis Entropies. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 159-167	0.9	1
212	Efficient algorithm for optimizing adaptive quantum metrology processes. <i>Physical Review Letters</i> , <b>2011</b> , 107, 233601	7.4	53
211	Transmission coefficients for chemical reactions with multiple states: role of quantum decoherence. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 3883-94	16.4	22
210	Simulating quantum dynamics on a quantum computer. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2011</b> , 44, 445308	2	48
209	Distribution and dynamics of entanglement in high-dimensional quantum systems using convex-roof extended negativity. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2011</b> , 375, 411-414	2.3	4
208	Objectively discerning Autler-Townes splitting from electromagnetically induced transparency. <i>Physical Review Letters</i> , <b>2011</b> , 107, 163604	7.4	174
207	Constructing monotones for quantum phase references in totally dephasing channels. <i>Physical Review A</i> , <b>2011</b> , 84,	2.6	21
206	Ordered measurements of permutationally-symmetric qubit strings. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2011</b> , 44, 115301	2	8
205	QUANTUM INFORMATICS WITH PLASMONIC META-MATERIALS. <i>International Journal of Quantum Information</i> , <b>2011</b> , 09, 263-279	0.8	8
204	Machine learning for precise quantum measurement. <i>Physical Review Letters</i> , <b>2010</b> , 104, 063603	7.4	118
203	Nearest-neighbor coupling asymmetry in the generation of cluster states in a charge-qubit structure. <i>Physical Review B</i> , <b>2010</b> , 82,	3.3	4
202	Dangling-bond charge qubit on a silicon surface. <i>New Journal of Physics</i> , <b>2010</b> , 12, 083018	2.9	46
201	Machine Learning for Adaptive Quantum Measurement <b>2010</b> ,		2
200	Graph state secret sharing in higher-dimensional systems <b>2010</b> ,		1

199	Surface residues dynamically organize water bridges to enhance electron transfer between proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 11799-8045	11.5	45
198	Superradiance, subradiance, and suppressed superradiance of dipoles near a metal interface. <i>Physical Review A</i> , <b>2010</b> , 82,	2.6	28
197	Uniform cross-phase modulation for nonclassical radiation pulses. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2010</b> , 27, A36	1.7	19
196	Monogamy of multi-qubit entanglement using Rényi entropy. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2010</b> , 43, 445305	2	66
195	Electromagnetically induced transparency with amplification in superconducting circuits. <i>Physical Review Letters</i> , <b>2010</b> , 105, 073601	7.4	64
194	Quantum secret sharing with qudit graph states. <i>Physical Review A</i> , <b>2010</b> , 82,	2.6	93
193	Low-loss nonlinear polaritonics. <i>Physical Review A</i> , <b>2010</b> , 81,	2.6	24
192	Higher order decompositions of ordered operator exponentials. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2010</b> , 43, 065203	2	76
191	On the Geometric Distance Between Quantum States with Positive Partial Transposition and Private States. <i>Letters in Mathematical Physics</i> , <b>2010</b> , 92, 67-79	1.2	1
190	Time-reversal frameness and superselection. <i>Journal of Mathematical Physics</i> , <b>2009</b> , 50, 102105	1.2	2
189	Quantum walk on a line for a trapped ion. <i>Physical Review Letters</i> , <b>2009</b> , 103, 183602	7.4	61
188	Correlation effects in a discrete quantum random walk. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2009</b> , 42, 175304	2	2
187	A heralded two-qutrit entangled state. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2009</b> , 42, 114007	1.3	9
186	Limitations on continuous variable quantum algorithms with Fourier transforms. <i>New Journal of Physics</i> , <b>2009</b> , 11, 103035	2.9	24
185	Distributed authentication for randomly compromised networks. <i>New Journal of Physics</i> , <b>2009</b> , 11, 085005	2.9	24
184	Optical quantum memory. <i>Nature Photonics</i> , <b>2009</b> , 3, 706-714	33.9	800
183	Tripartite entanglement dynamics for an atom interacting with nonlinear couplers. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2009</b> , 373, 315-319	2.3	18
182	Quantum states prepared by realistic entanglement swapping. <i>Physical Review A</i> , <b>2009</b> , 80,	2.6	19

181	Entanglement monogamy of multipartite higher-dimensional quantum systems using convex-roof extended negativity. <i>Physical Review A</i> , <b>2009</b> , 79,	2.6	115
180	Complete characterization of quantum-optical processes. <i>Science</i> , <b>2008</b> , 322, 563-6	33.3	92
179	Graph states for quantum secret sharing. <i>Physical Review A</i> , <b>2008</b> , 78,	2.6	229
178	Quantum walks on circles in phase space via superconducting circuit quantum electrodynamics. <i>Physical Review A</i> , <b>2008</b> , 78,	2.6	34
177	Coherent control of low loss surface polaritons. <i>Physical Review Letters</i> , <b>2008</b> , 101, 263601	7.4	38
176	Generalized W-class state and its monogamy relation. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2008</b> , 41, 495301	2	39
175	SU(1,1) symmetry of multimode squeezed states. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2008</b> , 41, 055309	2	14
174	Quantum quincunx for walk on circles in phase space with indirect coin flip. <i>New Journal of Physics</i> , <b>2008</b> , 10, 053025	2.9	17
173	Entangling identical bosons in optical tweezers via exchange interaction. <i>Canadian Journal of Physics</i> , <b>2008</b> , 86, 549-555	1.1	5
172	Visualizing a silicon quantum computer. <i>New Journal of Physics</i> , <b>2008</b> , 10, 125005	2.9	4
171	Super- and subradiant emission of two-level systems in the near-Dicke limit. <i>Physical Review A</i> , <b>2008</b> , 77,	2.6	19
170	Entanglement of group-II-like atoms with fast measurement for quantum information processing. <i>Physical Review A</i> , <b>2008</b> , 78,	2.6	19
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- 3 Layer-by-Layer 3D Photonic Crystal Waveguides and Components --- Theoretical Analysis for Microwave Implementation 1
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