Harald Weinfurter

List of Publications by Year
in descending order

239 papers	35,444 citations	9234 74 h-index	3394 183 g-index
243 all docs	243 docs citations	243 times ranked	12401 citing authors

#	Article	IF	Citations
1	Entangling single atoms over 33â€‰km telecom fibre. Nature, 2022, 607, 69-73.	13.7	62
2	Event-Ready Entanglement of Distant Atoms Distributed at Telecom Wavelength. , 2021, , .		0
3	A portable and compact decoy-state QKD sender. , 2021, , .		1
4	Cooperation and dependencies in multipartite systems. New Journal of Physics, 2021, 23, 063057.	1.2	0
5	Multipartite entanglement analysis from random correlations. Npj Quantum Information, 2020, 6, .	2.8	30
6	Extending Quantum Links: Modules for Fiberâ€•and Memoryâ€Based Quantum Repeaters. Advanced Quantum Technologies, 2020, 3, 1900141.	1.8	43
7	Long-Distance Distribution of Atom-Photon Entanglement at Telecom Wavelength. Physical Review Letters, 2020, 124, 010510.	2.9	66
8	Higher dimensional entanglement without correlations. European Physical Journal D, 2019, 73, 1.	0.6	8
9	Universality of local weak interactions and its application for interferometric alignment. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 2881-2890.	3.3	42
10	Towards a Suburban Quantum Network Link. , 2019, , .		0
11	Demonstration of Device-Independent Certification of a 398 M Link for Future Quantum Networks. , 2019, , .		0
12	Efficient Solid-State Single-Photon Sources Based on Diamond Colour Centers Coupled to Plasmonic Bullseye Resonators. , 2019, , .		0
13	Stratospheric QKD: feasibility analysis and free-space optics system concept. , 2019, , .		4
14	Towards a Suburban Quantum Network Link. , 2019, , .		0
15	Space QUEST mission proposal: experimentally testing decoherence due to gravity. New Journal of Physics, 2018, 20, 063016.	1.2	36
16	Challenging local realism with human choices. Nature, 2018, 557, 212-216.	13.7	136
17	Handheld Quantum Key Distribution. , 2018, , .		1
18	Rigorous Tests of Bell's Inequality and Beyond. , 2018, , .		0

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19	An Improved Experiment to Determine the â€˜Past of a Particleâ€™ in the Nested Machâ€“Zehnder Interferometer. Chinese Physics Letters, 2017, 34, 020301.	1.3	15
20	CubeSat quantum communications mission. EPJ Quantum Technology, 2017, 4, .	2.9	86
21	Weak value beyond conditional expectation value of the pointer readings. Physical Review A, 2017, 96, .	1.0	59
22	Event-Ready Bell Test Using Entangled Atoms Simultaneously Closing Detection and Locality Loopholes. Physical Review Letters, 2017, 119, 010402.	2.9	278
23	Genuine <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>N</mml:mi></mml:math> -partite entanglement without <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>N</mml:mi></mml:math> -partite correlation functions. Physical Review A, 2017, 95, .	1.0	9
24	Handheld Quantum Key Distribution. , 2017, , .		2
25	QIPS: quantum information and quantum physics in space. , 2017, , .		0
26	Aerospace laser communications technology as enabler for worldwide quantum key distribution. , 2016, , .		3
27	Quantum technology: from research to application. Applied Physics B: Lasers and Optics, 2016, 122, 1.	1.1	42
28	Multipartite Entanglement Detection with Minimal Effort. Physical Review Letters, 2016, 117, 210504.	2.9	24
29	Photonic multipartite entanglement conversion using nonlocal operations. Physical Review A, 2016, 94, .	1.0	21
30	Integrated quantum key distribution sender unit for daily-life implementations. Proceedings of SPIE, 2016, , .	0.8	7
31	Impact of the slit geometry on the performance of wire-grid polarisers. Optics Express, 2015, 23, 32171.	1.7	10
32	Spatial Mode Side Channels in Free-Space QKD Implementations. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 187-191.	1.9	22
33	Design and Evaluation of a Handheld Quantum Key Distribution Sender module. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 131-137.	1.9	46
34	Systematic Errors in Current Quantum State Tomography Tools. Physical Review Letters, 2015, 114, 080403.	2.9	82
35	Genuine Multipartite Entanglement without Multipartite Correlations. Physical Review Letters, 2015, 114, 180501.	2.9	22
36	Free space quantum key distribution over 500 meters using electrically driven quantum dot single-photon sourcesâ€”a proof of principle experiment. New Journal of Physics, 2014, 16, 043003.	1.2	41

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37	Free Space Quantum Key Distribution over 500 Meters using Electrically Triggered Quantum Dot Single-Photon Sources. , 2014, , .		0
38	Experimental Comparison of Efficient Tomography Schemes for a Six-Qubit State. Physical Review Letters, 2014, 113, 040503.	2.9	52
39	Tapered fiber coupling of single photons emitted by a deterministically positioned single nitrogen vacancy center. Applied Physics Letters, 2014, 104, 031101.	1.5	105
40	Using quantum key distribution for cryptographic purposes: A survey. Theoretical Computer Science, 2014, 560, 62-81.	0.5	116
41	Optimized state-independent entanglement detection based on a geometrical threshold criterion. Physical Review A, 2013, 88, .	1.0	6
42	Air-to-ground quantum communication. Nature Photonics, 2013, 7, 382-386.	15.6	243
43	Experimental multipartner quantum communication complexity employing just one qubit. Natural Computing, 2013, 12, 19-26.	1.8	2
44	Breaking the diffraction limit using entanglement based microscopy. Proceedings of SPIE, 2013, , .	0.8	1
45	Free space quantum key distribution over 500 meters using electrically driven quantum dot single photon sources. , 2013, , .		0
46	Teleportation of the polarization state of a coherent light pulse onto a single atom. , 2013, , .		0
47	Air to ground quantum key distribution. Proceedings of SPIE, 2012, , .	0.8	5
48	A high-brightness source of polarization-entangled photons optimized for applications in free space. Optics Express, 2012, 20, 9640.	1.7	79
49	Interferometric autocorrelation in the ultraviolet utilizing spontaneous parametric down-conversion inside an enhancement cavity. Optics Letters, 2012, 37, 1223.	1.7	2
50	Communication system technology for demonstration of BB84 quantum key distribution in optical aircraft downlinks. Proceedings of SPIE, 2012, , .	0.8	5
51	Permutationally invariant state reconstruction. New Journal of Physics, 2012, 14, 105001.	1.2	73
52	Quantum key distribution using quantum dot single-photon emitting diodes in the red and near infrared spectral range. New Journal of Physics, 2012, 14, 083001.	1.2	80
53	Fisher information and multiparticle entanglement. Physical Review A, 2012, 85, .	1.0	376
54	Experimental Schmidt Decomposition and State Independent Entanglement Detection. Physical Review Letters, 2012, 108, 240501.	2.9	20

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55	Multiphoton entanglement and interferometry. Reviews of Modern Physics, 2012, 84, 777-838.	16.4	1,007
56	Heralded Entanglement Between Widely Separated Atoms. Science, 2012, 337, 72-75.	6.0	351
57	Experimental implementation of higher dimensional timeâ€“energy entanglement. Applied Physics B: Lasers and Optics, 2012, 106, 543-550.	1.1	34
58	Entangling Two Remote Rb-87 Atoms. , 2012, , .		0
59	Multi-Photon Entanglement for Sub Shot-Noise Sensitivity. , 2012, , .		0
60	Useful Multiparticle Entanglement and Sub-Shot-Noise Sensitivity in Experimental Phase Estimation. Physical Review Letters, 2011, 107, 080504.	2.9	95
61	Towards high-fidelity interference of photons emitted by two remotely trapped Rb-87 atoms. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2011, 111, 535-539.	0.2	5
62	Quantum eavesdropping without interception: an attack exploiting the dead time of single-photon detectors. New Journal of Physics, 2011, 13, 073024.	1.2	155
63	Loophole-free Bell test with one atom and less than one photon on average. Physical Review A, 2011, 84, .	1.0	19
64	Coherence of a qubit stored in Zeeman levels of a single optically trapped atom. Physical Review A, 2011, 84, .	1.0	15
65	Spot size measurement and focusing of momentum entangled photon pairs. , 2011, , .		0
66	Entanglement enhanced quantum sensing. Proceedings of SPIE, 2010, , .	0.8	0
67	Six-photon entangled Dicke state enabled by a UV enhancement cavity as novel SPDC photon source. , 2010, , .		0
68	Quantum memories. European Physical Journal D, 2010, 58, 1-22.	0.6	420
69	Ultraviolet enhancement cavity for ultrafast nonlinear optics and high-rate multiphoton entanglement experiments. Nature Photonics, 2010, 4, 170-173.	15.6	77
70	Permutationally Invariant Quantum Tomography. Physical Review Letters, 2010, 105, 250403.	2.9	157
71	Nonclassicality thresholds for multiqubit states: Numerical analysis. Physical Review A, 2010, 82, .	1.0	28
72	Operational multipartite entanglement classes for symmetric photonic qubit states. Physical Review A, 2010, 81, .	1.0	16

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73	Highly Efficient State-Selective Submicrosecond Photoionization Detection of Single Atoms. Physical Review Letters, 2010, 105, 253001.	2.9	29
74	High speed optical quantum random number generation. Optics Express, 2010, 18, 13029.	1.7	131
75	Experimental implementation of a four-player quantum game. New Journal of Physics, 2010, 12, 063031.	1.2	32
76	Multiqubit entanglement engineering via projective measurements. Physical Review A, 2009, 79, .	1.0	30
77	Focussing of momentum entangled photon pairs. , 2009, , .		0
78	Long-distance atom-photon entanglement. , 2009, , .		0
79	Information leakage via side channels in freespace BB84 quantum cryptography. New Journal of Physics, 2009, 11, 065001.	1.2	91
80	Revealing anyonic features in a toric code quantum simulation. New Journal of Physics, 2009, 11, 083010.	1.2	57
81	Practical methods for witnessing genuine multi-qubit entanglement in the vicinity of symmetric states. New Journal of Physics, 2009, 11, 083002.	1.2	34
82	Quantum teleportation and entanglement swapping with linear optics logic gates. New Journal of Physics, 2009, 11, 033008.	1.2	31
83	Interference contrast in multisource few-photon optics. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 114004.	0.6	16
84	Multiphoton Interference as a Tool to Observe Families of Multiphoton Entangled States. IEEE Journal of Selected Topics in Quantum Electronics, 2009, 15, 1704-1712.	1.9	4
85	The SECOQC quantum key distribution network in Vienna. New Journal of Physics, 2009, 11, 075001.	1.2	619
86	A single photon source based on NV centers in diamond nanocrystals. , 2009, , .		1
87	Experimental Entanglement of a Six-Photon Symmetric Dicke State. Physical Review Letters, 2009, 103, 020504.	2.9	211
88	Space-quest, experiments with quantum entanglement in space. Europhysics News, 2009, 40, 26-29.	0.1	77
89	Towards a Loophole-Free Test of Bell's Inequality with Entangled Pairs of Neutral Atoms. Advanced Science Letters, 2009, 2, 469-474.	0.2	34
90	Quantum communications at ESA: Towards a space experiment on the ISS. Acta Astronautica, 2008, 63, 165-178.	1.7	63

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91	Free-Space Decoy-State Quantum Key Distribution. , 2008, , .		0
92	Experimental Demonstration of a Quantum Protocol for Byzantine Agreement and Liar Detection. Physical Review Letters, 2008, 100, 070504.	2.9	30
93	GaertneretÂal.Reply:. Physical Review Letters, 2008, 101, .	2.9	2
94	Experimental Direct Observation of Mixed State Entanglement. Physical Review Letters, 2008, 101, 260505.	2.9	50
95	Collinear source of polarization-entangled photon pairs at nondegenerate wavelengths. Applied Physics Letters, 2008, 92, .	1.5	57
96	Towards Long-Distance Atom-Photon Entanglement. Physical Review Letters, 2008, 101, 260403.	2.9	49
97	Discriminating Multipartite Entangled States. Physical Review Letters, 2008, 100, 200407.	2.9	27
98	Experimental Observation of an Entire Family of Four-Photon Entangled States. Physical Review Letters, 2008, 101, 010503.	2.9	62
99	Long-Distance Entanglement between a Photon and a Single Trapped Atom. , 2008, , .		0
100	Remote preparation of an atomic quantum memory. , 2007, , .		0
101	A solid state single photon source based on SiV centers in diamond. , 2007, , .		3
102	The entanglement of the four-photon cluster state. New Journal of Physics, 2007, 9, 236-236.	1.2	11
103	Two-Photon Optics: Imaging below the diffraction limit. , 2007, , .		0
104	SchmidetÂal.Reply:. Physical Review Letters, 2007, 98, .	2.9	18
105	Experimental Demonstration of Four-Party Quantum Secret Sharing. Physical Review Letters, 2007, 98, 020503.	2.9	120
106	EXPERIMENTAL ANALYSIS OF A SIMPLE LINEAR OPTICS PHASE GATE. International Journal of Quantum Information, 2007, 05, 235-240.	0.6	0
107	Multiphoton entanglement engineering via projective measurements. Proceedings of SPIE, 2007, , .	0.8	1
108	Experimental Demonstration of Free-Space Decoy-State Quantum Key Distribution over 144Âkm. Physical Review Letters, 2007, 98, 010504.	2.9	589

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109	Remote Preparation of an Atomic Quantum Memory. Physical Review Letters, 2007, 98, 050504.	2.9	167
110	Experimental Observation of Four-Photon Entangled Dicke State with High Fidelity. Physical Review Letters, 2007, 98, 063604.	2.9	187
111	Entanglement-based quantum communication over 144â€‰km. Nature Physics, 2007, 3, 481-486.	6.5	866
112	An atom and a photon. Laser Physics, 2007, 17, 1007-1016.	0.6	13
113	Single photon emission from SiV centres in diamond produced by ion implantation. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, 37-41.	0.6	251
114	Observation of Entanglement of a Single Photon with a Trapped Atom. Physical Review Letters, 2006, 96, 030404.	2.9	276
115	Free-space quantum key distribution over 144 km. , 2006, , .		2
116	Experimental quantum secret sharing. Fortschritte Der Physik, 2006, 54, 831-839.	1.5	8
117	Free space quantum key distribution: Towards a real life application. Fortschritte Der Physik, 2006, 54, 840-845.	1.5	30
118	Complete Deterministic Linear Optics Bell State Analysis. Physical Review Letters, 2006, 96, 190501.	2.9	246
119	Analysis of a single-atom dipole trap. Physical Review A, 2006, 73, .	1.0	57
120	Entanglement Persistency of Multiphoton Entangled States. Physical Review Letters, 2006, 96, 100502.	2.9	26
121	A Single Photon Source Based on SiV Centers in Diamond. , 2006, , .		1
122	Two-Photon Optics: Imaging below the diffraction limit. , 2006, , .		0
123	Free-space quantum cryptography for metropolitan areas. , 2006, , .		0
124	The power of entanglement. Physics World, 2005, 18, 47-51.	0.0	2
125	Optical implementation of quantum computers. Journal of Optics B: Quantum and Semiclassical Optics, 2005, 7, S127-S127.	1.4	0
126	Experimental one-way quantum computing. Nature, 2005, 434, 169-176.	13.7	1,027

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127	From EPR to quantum computing: experiments on entangled quantum systems. Journal of Physics B: Atomic, Molecular and Optical Physics, 2005, 38, S579-S588.	0.6	2
128	Linear Optics Controlled-Phase Gate Made Simple. Physical Review Letters, 2005, 95, 210505.	2.9	244
129	Fast and compact multichannel photon coincidence unit for quantum information processing. Review of Scientific Instruments, 2005, 76, 123108.	0.6	18
130	Experimental Analysis of a Four-Qubit Photon Cluster State. Physical Review Letters, 2005, 95, 210502.	2.9	238
131	Experimental quantum communication complexity. Physical Review A, 2005, 72, .	1.0	43
132	Experimental Single Qubit Quantum Secret Sharing. Physical Review Letters, 2005, 95, 230505.	2.9	172
133	Satellite-based quantum communication terminal employing state-of-the-art technology. Journal of Optical Networking, 2005, 4, 549.	2.5	54
134	Distributing entanglement and single photons through an intra-city, free-space quantum channel. Optics Express, 2005, 13, 202.	1.7	112
135	Experimental Detection of Multipartite Entanglement using Witness Operators. Physical Review Letters, 2004, 92, 087902.	2.9	371
136	FOUR PHOTON POLARIZATION ENTANGLEMENT TESTS AND APPLICATIONS. International Journal of Quantum Information, 2004, 02, 133-147.	0.6	1
137	Quantum communications in space. , 2004, 5161, 240.		7
138	Experimental Realization of a Three-Qubit EntangledWState. Physical Review Letters, 2004, 92, 077901.	2.9	321
139	Decoherence-Free Quantum Information Processing with Four-Photon Entangled States. Physical Review Letters, 2004, 92, 107901.	2.9	175
140	Compact source of polarization-entangled photon pairs. Optics Express, 2004, 12, 276.	1.7	48
141	Practical quantum key distribution with polarization entangled photons. Optics Express, 2004, 12, 3865.	1.7	178
142	Multiphoton entanglement and interferometry. Fortschritte Der Physik, 2003, 51, 273-279.	1.5	1
143	Experimental demonstration of complementarity with single photons. Applied Physics B: Lasers and Optics, 2003, 76, 113-116.	1.1	22
144	High-fidelity source of four-photon entanglement. Applied Physics B: Lasers and Optics, 2003, 77, 803-807.	1.1	27

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145	Three-photon W-state. Journal of Modern Optics, 2003, 50, 1131-1138.	0.6	29
146	Ascertaining the Values ofÏƒx,Ïƒy, andÏƒzof a Polarization Qubit. Physical Review Letters, 2003, 90, 177901.	2.9	18
147	Experimental Observation of Four-Photon Entanglement from Parametric Down-Conversion. Physical Review Letters, 2003, 90, 200403.	2.9	155
148	Stable Solid-State Source of Single Photons. , 2002, , 307-310.		0
149	Secure communication with single-photon two-qubit states. Journal of Physics A, 2002, 35, L407-L413.	1.6	109
150	Long-distance free-space quantum cryptography. , 2002, 4917, 25.		31
151	Multiphoton entanglement. , 2002, 4917, 45.		1
152	Quantum-State Transmission Via Quantum Teleportation. , 2002, , 261-275.		0
153	A step towards global key distribution. Nature, 2002, 419, 450-450.	13.7	282
154	Secure Communication with a Publicly Known Key. Acta Physica Polonica A, 2002, 101, 357-368.	0.2	378
155	Efficient Generation of Polarization-Entangled Photon Pairs with a Laser Diode Source. , 2002, , 449-458.		0
156	Communicating with qubit pairs. Computational Mathematics Series, 2002, , .	0.0	0
157	The breakdown flash of silicon avalanche photodiodes-back door for eavesdropper attacks?. Journal of Modern Optics, 2001, 48, 2039-2047.	0.6	88
158	Universal unitary gate for single-photon two-qubit states. Physical Review A, 2001, 63, .	1.0	113
159	Generation of correlated photon pairs in type-II parametric down conversionâ€"revisited. Journal of Modern Optics, 2001, 48, 1997-2007.	0.6	18
160	Generation of correlated photon pairs in type-II parametric down conversion--revisited. Journal of Modern Optics, 2001, 48, 1997-2007.	0.6	32
161	The breakdown flash of silicon avalanche photodiodes--back door for eavesdropper attacks?. Journal of Modern Optics, 2001, 48, 2039-2047.	0.6	38
162	High-efficiency entangled photon pair collection in type-II parametric fluorescence. Physical Review A, 2001, 64, .	1.0	203

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163	Four-photon entanglement from down-conversion. Physical Review A, 2001, 64, .	1.0	154
164	Compact all-solid-state source of polarization-entangled photon pairs. Applied Physics Letters, 2001, 79, 869-871.	1.5	25
165	Identification of nonclassical states in neutron spin precession experiments. Optics Communications, 2000, 179, 13-18.	1.0	10
166	Cavity-enhanced generation of polarization-entangled photon pairs. Optics Communications, 2000, 183, 133-137.	1.0	25
167	Experimental test of quantum nonlocality in three-photon Greenbergerâ€“Horneâ€“Zeilinger entanglement. Nature, 2000, 403, 515-519.	13.7	1,003
168	Feasible â€œKochen-Speckerâ€•Experiment with Single Particles. Physical Review Letters, 2000, 85, 1783-1786.	2.9	123
169	Quantum Cryptography with Entangled Photons. Physical Review Letters, 2000, 84, 4729-4732.	2.9	763
170	Experiments towards Falsification of Noncontextual Hidden Variable Theories. Physical Review Letters, 2000, 84, 5457-5461.	2.9	102
171	Quantum Communication with Entangled Photons. Advances in Atomic, Molecular and Optical Physics, 2000, 42, 489-533.	2.3	14
172	Stable Solid-State Source of Single Photons. Physical Review Letters, 2000, 85, 290-293.	2.9	1,261
173	A fast and compact quantum random number generator. Review of Scientific Instruments, 2000, 71, 1675-1680.	0.6	339
174	High-fidelity teleportation of independent qubits. Journal of Modern Optics, 2000, 47, 279-289.	0.6	23
175	Independent Photons and Entanglement. A Short Overview. International Journal of Theoretical Physics, 1999, 38, 501-517.	0.5	10
176	Towards practical quantum cryptography. Applied Physics B: Lasers and Optics, 1999, 69, 389-393.	1.1	8
177	High-Efficiency Quantum Interrogation Measurements via the Quantum Zeno Effect. Physical Review Letters, 1999, 83, 4725-4728.	2.9	178
178	Observation of Three-Photon Greenberger-Horne-Zeilinger Entanglement. Physical Review Letters, 1999, 82, 1345-1349.	2.9	894
179	Experimental Quantum Teleportation of Qubits and Entanglement Swapping. , 1999, , 127-140.		1
180	A Bell Experiment under Strict Einstein Locality Conditions. , 1999, , 267-269.		0

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181	Observation of Three-Particle Entanglement. , 1999, , 239-243.		0
182	A posteriori teleportation. Nature, 1998, 394, 841-841.	13.7	38
183	Experimental quantum teleportation of arbitrary quantum states. Applied Physics B: Lasers and Optics, 1998, 67, 749-752.	1.1	43
184	Experimental Entanglement Swapping: Entangling Photons That Never Interacted. Physical Review Letters, 1998, 80, 3891-3894.	2.9	1,054
185	Embedded Bell-state analysis. Physical Review A, 1998, 58, R2623-R2626.	1.0	245
186	Violation of Bell's Inequality under Strict Einstein Locality Conditions. Physical Review Letters, 1998, 81, 5039-5043.	2.9	1,150
187	Experimental quantum teleportation. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 1998, 356, 1733-1737.	1.6	25
188	Quest for Ghz States. Acta Physica Polonica A, 1998, 93, 187-195.	0.2	101
189	Experimental Separation of Geometric and Dynamical Phases Using Neutron Interferometry. Physical Review Letters, 1997, 78, 755-759.	2.9	73
190	Three-Particle Entanglements from Two Entangled Pairs. Physical Review Letters, 1997, 78, 3031-3034.	2.9	275
191	Experimental quantum teleportation. Nature, 1997, 390, 575-579.	13.7	4,321
192	Dense Coding in Experimental Quantum Communication. Physical Review Letters, 1996, 76, 4656-4659.	2.9	1,111
193	All-fiber three-path Machâ€“Zehnder interferometer. Optics Letters, 1996, 21, 302.	1.7	75
194	Polarization-entangled Photons and Quantum Dense Coding. Optics and Photonics News, 1996, 7, 14.	0.4	2
195	Interferometric Bell-state analysis. Physical Review A, 1996, 53, R1209-R1212.	1.0	120
196	Quantum Seeing in the Dark. Scientific American, 1996, 275, 72-78.	1.0	104
197	Two-photon interference in optical fiber multiports. Physical Review A, 1996, 54, 893-897.	1.0	39
198	Interaction-Free Measurement of a Quantum Object: On the Breeding of â€œSchrÃ¶dinger Catsâ€• , 1996, , 673-674.		3

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199	Elementary gates for quantum computation. Physical Review A, 1995, 52, 3457-3467.	1.0	2,958
200	Interaction-Free Measurement. Physical Review Letters, 1995, 74, 4763-4766.	2.9	493
201	New High-Intensity Source of Polarization-Entangled Photon Pairs. Physical Review Letters, 1995, 75, 4337-4341.	2.9	2,612
202	Brillouin scattering and dynamical diffraction of entangled photon pairs. Physical Review A, 1995, 52, R2531-R2534.	1.0	7
203	Multiphoton Exchange Amplitudes Observed by Neutron Interferometry. Physical Review Letters, 1995, 75, 3206-3209.	2.9	52
204	Complementarity and the Quantum Eraser. Physical Review Letters, 1995, 75, 3034-3037.	2.9	289
205	Realizable Universal Quantum Logic Gates. Physical Review Letters, 1995, 74, 4087-4090.	2.9	463
206	Frustrated Downconversion: Virtual or Real Photons?a. Annals of the New York Academy of Sciences, 1995, 755, 61-72.	1.8	10
207	Entangling Photons Radiated by Independent Pulsed Sourcesa. Annals of the New York Academy of Sciences, 1995, 755, 91-102.	1.8	184
208	Experimental Realization of Interaction-free Measurementsa. Annals of the New York Academy of Sciences, 1995, 755, 383-393.	1.8	38
209	Quantum Teleportation and Quantum Computation Based on Cavity QED. Annals of the New York Academy of Sciences, 1995, 755, 715-725.	1.8	15
210	On the field-dependent magnetic structures of CsCuCl3. Journal of Physics Condensed Matter, 1994, 6, 10105-10119.	0.7	18
211	Frustrated two-photon creation via interference. Physical Review Letters, 1994, 72, 629-632.	2.9	148
212	Herzoget al.Reply. Physical Review Letters, 1994, 73, 3041-3041.	2.9	5
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214	Ultrasound effects and neutron scattering in UPt3. Physica B: Condensed Matter, 1993, 186-188, 258-260.	1.3	9
215	Nondispersive phase of the Aharonov-Bohm effect. Physical Review Letters, 1993, 71, 307-311.	2.9	107
216	Neutron-diffraction studies of the nuclear magnetic phase diagram of copper. Physical Review B, 1992, 45, 7772-7788.	1.1	14

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218	Is Haldane's singletâ€"triplet transition found in CsNiCl3?. Journal of Magnetism and Magnetic Materials, 1992, 104-107, 809-810.	1.0	11
219	Inelastic neutron scattering measurements on Nd2Fe14B and Y2Fe14B single crystals. Journal of Magnetism and Magnetic Materials, 1992, 104-107, 1295-1297.	1.0	17
220	Magnetic domain structure of K2CuxZn1â^'xF4. Journal of Magnetism and Magnetic Materials, 1992, 104-107, 357-358.	1.0	0
221	Influence of Ce-doping and preparation conditions on antiferromagnetism, superconductivity and electronic properties of Ln2-ï‡Ceï‡CuO4-Î´ (Ln=Nd, Sm). Physica B: Condensed Matter, 1991, 169, 695-696.	1.3	5
222	Inelastic neutron scattering measurements on Nd2Fe14B single crystals. Journal of Magnetism and Magnetic Materials, 1991, 97, 210-218.	1.0	17
223	Nuclear order in copper: New type of antiferromagnetism in an ideal fcc system. Physical Review Letters, 1990, 64, 1421-1424.	2.9	42
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