

Jan Peřina

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6307658/publications.pdf>

Version: 2024-02-01

179
papers

3,028
citations

201674

27
h-index

302126

39
g-index

184
all docs

184
docs citations

184
times ranked

1128
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum Statistics of Linear and Nonlinear Optical Phenomena. , 1991, , .		228
2	Quantum Statistics of Linear and Nonlinear Optical Phenomena. , 1984, , .		207
3	Direct measurement and reconstruction of nonclassical features of twin beams generated in spontaneous parametric down-conversion. Physical Review A, 2005, 71, .	2.5	81
4	Multiphoton absorption cross section and virtual-state spectroscopy for the entangledn-photon state. Physical Review A, 1998, 57, 3972-3986.	2.5	65
5	Higher-order nonclassicalities in a codirectional nonlinear optical coupler: Quantum entanglement, squeezing, and antibunching. Physical Review A, 2014, 90, .	2.5	64
6	Photon-number distributions of twin beams generated in spontaneous parametric down-conversion and measured by an intensified CCD camera. Physical Review A, 2012, 85, .	2.5	61
7	Statistical mixtures of states can be more quantum than their superpositions: Comparison of nonclassicality measures for single-qubit states. Physical Review A, 2015, 91, .	2.5	61
8	Dispersion in femtosecond entangled two-photon interference. Physical Review A, 1999, 59, 2359-2368.	2.5	56
9	Entropic uncertainty in two two-level atoms interacting with a cavity field in presence of degenerate parametric amplifier. Journal of the Optical Society of America B: Optical Physics, 2010, 27, 266.	2.1	49
10	Photon-number entangled states generated in Kerr media with optical parametric pumping. Physical Review A, 2011, 83, .	2.5	48
11	Revealing Hidden Coherence in Partially Coherent Light. Physical Review Letters, 2015, 115, 220501.	7.8	48
12	Quantum statistics of nonlinear optical couplers. Progress in Optics, 2000, , 361-419.	0.6	47
13	Experimental multi-photon-resolving detector using a single avalanche photodiode. European Physical Journal D, 2004, 28, 149-154.	1.3	47
14	Optimal two-qubit tomography based on local and global measurements: Maximal robustness against errors as described by condition numbers. Physical Review A, 2014, 90, .	2.5	44
15	Two-photon blockade and photon-induced tunneling generated by squeezing. Physical Review A, 2019, 100, .	2.5	44
16	Transverse coherence of photon pairs generated in spontaneous parametric down-conversion. Physical Review A, 2010, 81, .	2.5	40
17	State reconstruction of a multimode twin beam using photodetection. Physical Review A, 2013, 87, .	2.5	40
18	Einstein-Podolsky-Rosen steering and coherence in the family of entangled three-qubit states. Physical Review A, 2018, 97, .	2.5	40

#	ARTICLE	IF	CITATIONS
19	Multimode description of spontaneous parametric down-conversion. Journal of Optics B: Quantum and Semiclassical Optics, 2005, 7, 246-252.	1.4	39
20	Absolute detector calibration using twin beams. Optics Letters, 2012, 37, 2475.	3.3	38
21	Optimal sub-Poissonian light generation from twin beams by photon-number resolving detectors. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 20.	2.1	38
22	Stimulated Raman Scattering of Squeezed Light with Pump Depletion. Journal of Modern Optics, 1991, 38, 2137-2151.	1.3	35
23	Properties of entangled photon pairs generated in one-dimensional nonlinear photonic-band-gap structures. Physical Review A, 2006, 73, .	2.5	34
24	Nonclassical light at exceptional points of a quantum $\langle \text{PT} \rangle$ -symmetric two-mode system. Physical Review A, 2019, 100, .	2.5	33
25	Nonclassicality Invariant of General Two-Mode Gaussian States. Scientific Reports, 2016, 6, 26523.	3.3	31
26	Higher-order sub-Poissonian-like nonclassical fields: Theoretical and experimental comparison. Physical Review A, 2017, 96, .	2.5	31
27	Comparative study of nonclassicality, entanglement, and dimensionality of multimode noisy twin beams. Physical Review A, 2015, 91, .	2.5	29
28	Non-image-forming polarization optical devices and Lorentz transformations – an analogy. Physics Letters, Section A: General, Atomic and Solid State Physics, 1993, 181, 199-202.	2.1	28
29	Nonclassicality and entanglement criteria for bipartite optical fields characterized by quadratic detectors. Physical Review A, 2017, 96, .	2.5	28
30	Characterizing the nonclassicality of mesoscopic optical twin-beam states. Physical Review A, 2013, 88, .	2.5	27
31	Quantum statistics and dynamics of nonlinear couplers. Journal of Modern Optics, 1996, 43, 1951-1971.	1.3	26
32	Interplay of nonclassicality and entanglement of two-mode Gaussian fields generated in optical parametric processes. Physical Review A, 2016, 94, .	2.5	26
33	Quantum cryptography using a photon source based on postselection from entangled two-photon states. Physical Review A, 2001, 64, .	2.5	24
34	Sub-Poissonian-light generation by postselection from twin beams. Optics Express, 2013, 21, 19387.	3.4	24
35	Testing of quantum phase in matter-wave optics. Physical Review A, 1999, 60, 473-479.	2.5	23
36	Suitable Conditions for Sealing of Open Dentinal Tubules Using a Pulsed Nd:YAG Laser. Photomedicine and Laser Surgery, 2007, 25, 495-499.	2.0	23

#	ARTICLE	IF	CITATIONS
37	Experimental joint signal-idler quasidistributions and photon-number statistics for mesoscopic twin beams. <i>Physical Review A</i> , 2007, 76, .	2.5	23
38	Absolute calibration of photon-number-resolving detectors with an analog output using twin beams. <i>Applied Physics Letters</i> , 2014, 104, .	3.3	23
39	Effect of Kerr-like medium on a two-level atom in interaction with bimodal oscillators. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2006, 39, 1563-1577.	1.5	22
40	Spatial properties of twin-beam correlations at low- to high-intensity transition. <i>Optics Express</i> , 2014, 22, 13374.	3.4	22
41	Non-diffracting beams with controlled spatial coherence. <i>Journal of Modern Optics</i> , 2002, 49, 1673-1689.	1.3	20
42	Properties of entangled photon pairs generated in periodically poled nonlinear crystals. <i>Physical Review A</i> , 2009, 80, .	2.5	20
43	Coherence and dimensionality of intense spatio-spectral twin beams. <i>Physical Review A</i> , 2015, 92, .	2.5	20
44	Linear and nonlinear quantum Zeno and anti-Zeno effects in a nonlinear optical coupler. <i>Physical Review A</i> , 2016, 93, .	2.5	20
45	Approximate quantum statistical properties of a nonlinear optical coupler. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2004, 328, 144-156.	2.1	19
46	Simple direct measurement of nonclassical joint signal-idler photon-number statistics and the correlation area of twin photon beams. <i>Journal of Optics B: Quantum and Semiclassical Optics</i> , 2005, 7, S572-S576.	1.4	19
47	Antisymmetric entangled two-photon states generated in nonlinear GaN ^{AlN} photonic-band-gap structures. <i>Physical Review A</i> , 2007, 75, .	2.5	19
48	Quantum properties of counterpropagating two-photon states generated in a planar waveguide. <i>Physical Review A</i> , 2008, 77, .	2.5	19
49	Substituting scheme for nonlinear couplers: A group approach. <i>Physical Review A</i> , 2000, 62, .	2.5	17
50	Quantum statistical properties of the radiation field in spontaneous Raman and stimulated Raman processes. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2007, 40, 1417-1427.	1.5	17
51	Photoionization electron spectra in a system interacting with a neighboring atom. <i>Physical Review A</i> , 2011, 83, .	2.5	17
52	High spatial entanglement via chirped quasi-phase-matched optical parametric down-conversion. <i>Physical Review A</i> , 2012, 86, .	2.5	17
53	Symbolic computation of photon statistics for higher harmonics generation. <i>Optics Communications</i> , 1992, 92, 99-104.	2.1	16
54	On the equivalence of some projection operator techniques. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1995, 214, 309-318.	2.6	16

#	ARTICLE	IF	CITATIONS
55	Multimode description of stimulated parametric down-conversion. Optics Communications, 2006, 265, 632-641.	2.1	16
56	Nonclassicality in Raman scattering: Quantum entanglement, squeezing of vacuum fluctuations, sub-shot noise and joint photonâ€phonon number and integrated-intensity distributions. Physics Letters, Section A: General, Atomic and Solid State Physics, 2013, 377, 2692-2701.	2.1	16
57	Spin-VCSELs with Local Optical Anisotropies: Toward Terahertz Polarization Modulation. Physical Review Applied, 2021, 15, .	3.8	16
58	Experimental detection of nonclassicality of single-mode fields via intensity moments. Optics Express, 2016, 24, 29496.	3.4	15
59	Simultaneous observation of higher-order non-classicalities based on experimental photocount moments and probabilities. Scientific Reports, 2019, 9, 8961.	3.3	15
60	Spatial, spectral, and temporal coherence of ultraintense twin beams. Physical Review A, 2016, 93, .	2.5	14
61	Internal dynamics of intense twin beams and their coherence. Scientific Reports, 2016, 6, 22320.	3.3	14
62	Nonclassicality and entanglement criteria for bipartite optical fields characterized by quadratic detectors. II. Criteria based on probabilities. Physical Review A, 2020, 102, .	2.5	14
63	Surface Spontaneous Parametric Down-Conversion. Physical Review Letters, 2009, 103, 063902.	7.8	13
64	Joint probability distributions and entanglement in optical parametric processes. Optics Communications, 2011, 284, 4941-4950.	2.1	13
65	Lower- and higher-order nonclassical features in non-degenerate hyper-Raman processes. Optics Communications, 2019, 444, 111-119.	2.1	13
66	Quantum dynamics and statistics of two coupled down-conversion processes. Journal of Optics B: Quantum and Semiclassical Optics, 2000, 2, 726-734.	1.4	12
67	Nonclassical-light generation in a photonic-band-gap nonlinear planar waveguide. Physical Review A, 2004, 70, .	2.5	12
68	Sealing of open dentinal tubules by laser irradiation: AFM and SEM observations of dentine surfaces. Journal of Molecular Recognition, 2007, 20, 476-482.	2.1	12
69	Photon-pair generation in random nonlinear layered structures. Physical Review A, 2009, 80, .	2.5	12
70	Two-photon absorption spectroscopy using intense phase-chirped entangled beams. Chemical Physics, 2018, 510, 54-59.	1.9	12
71	Sub-Poissonian behaviour in the second harmonic generation. Journal of Optics B: Quantum and Semiclassical Optics, 1999, 1, 529-533.	1.4	11
72	Intense ultra-broadband down-conversion from randomly poled nonlinear crystals. Optics Express, 2010, 18, 27130.	3.4	11

#	ARTICLE	IF	CITATIONS
73	Spatial and spectral properties of fields generated by pulsed second-harmonic generation in a periodically poled potassium-titanyl-phosphate waveguide. <i>Physical Review A</i> , 2013, 87, .	2.5	11
74	Coherence and mode decomposition of weak twin beams. <i>Physica Scripta</i> , 2015, 90, 074058.	2.5	11
75	Chaos-assisted light squeezing. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1997, 231, 373-378.	2.1	10
76	Emission of photon pairs at discontinuities of nonlinearity in spontaneous parametric down-conversion. <i>Physical Review A</i> , 2009, 80, .	2.5	10
77	Sub-shot noise photon-number correlation in stimulated and spontaneous Raman processes. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2011, 44, 105503.	1.5	10
78	Photoelectron spectra in an autoionization system interacting with a neighboring atom. <i>Physical Review A</i> , 2011, 83, .	2.5	10
79	Coherent light in intense spatio-spectral twin beams. <i>Physical Review A</i> , 2016, 93, .	2.5	10
80	Quantum statistical properties of optical phase conjugation. <i>Optics Communications</i> , 1991, 85, 261-266.	2.1	9
81	Quantum statistics of two parametric processes with aligned idler beams. <i>Optics Communications</i> , 1996, 132, 549-556.	2.1	9
82	Nonclassical light in symmetric nonlinear directional coupler. <i>European Physical Journal D</i> , 1997, 47, 629-636.	0.4	9
83	Light squeezing at the transition to quantum chaos. <i>Physical Review E</i> , 1998, 57, 4023-4034.	2.1	9
84	Statistical properties of multiphoton time-dependent three-boson coupled oscillators. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2006, 23, 1146.	2.1	9
85	Joint probability distributions of stimulated parametric down-conversion for controllable nonclassical fluctuations. <i>Optics Communications</i> , 2008, 281, 4705-4711.	2.1	9
86	Spatial properties of entangled photon pairs generated in nonlinear layered structures. <i>Physical Review A</i> , 2011, 84, .	2.5	9
87	Absolute spectral calibration of an intensified CCD camera using twin beams. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2014, 31, B1.	2.1	9
88	Analytical model of surface second-harmonic generation. <i>Scientific Reports</i> , 2019, 9, 4679.	3.3	9
89	Experimental Quantification of the Entanglement of Noisy Twin Beams. <i>Physical Review Applied</i> , 2020, 14, .	3.8	9
90	Quantum Statistics of the Optical Parametric Process for Arbitrary Initial States. <i>Journal of Modern Optics</i> , 1993, 40, 2105-2123.	1.3	8

#	ARTICLE	IF	CITATIONS
91	Entanglement in optical parametric down-conversion with losses and noise. Optics Communications, 2009, 282, 3918-3923.	2.1	8
92	Spatial and spectral coherence in propagating high-intensity twin beams. Scientific Reports, 2015, 5, 14365.	3.3	8
93	Nonclassicality in off-resonant Raman process. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 2011-2020.	2.1	8
94	Forward and Backward Four-wave Mixing of Non-classical Light with Pump Depletion. Journal of Modern Optics, 1992, 39, 2405-2419.	1.3	7
95	Quantum Statistics of Stimulated Raman and Hyper-Raman Scattering of Squeezed Light with Pump Depletion. Journal of Modern Optics, 1992, 39, 1029-1041.	1.3	7
96	Phase properties of the asymmetric nonlinear coupler. Journal of Modern Optics, 1998, 45, 2269-2279.	1.3	7
97	Properties of pulsed entangled two-photon fields. European Physical Journal D, 1999, 7, 235-242.	1.3	7
98	Random nonlinear layered structures as sources of photon pairs for quantum-information processing. Journal of Russian Laser Research, 2009, 30, 508.	0.6	7
99	Randomly poled nonlinear crystals as a source of photon pairs. Physical Review A, 2011, 83, .	2.5	7
100	Fano zeros in photoelectron spectra of an autoionization system interacting with a neighboring atom. Optics Express, 2011, 19, 17133.	3.4	7
101	Quantum Behavior of a PT-Symmetric Two-Mode System with Cross-Kerr Nonlinearity. Symmetry, 2019, 11, 1020.	2.2	7
102	Influence of pump-field scattering on nonclassical-light generation in a photonic-band-gap nonlinear planar waveguide. Physical Review A, 2005, 71, .	2.5	6
103	Squeezed-light generation in a nonlinear planar waveguide with a periodic corrugation. Physical Review A, 2007, 76, .	2.5	6
104	Pulsed-squeezed-light generation in a waveguide with second-subharmonic generation and periodic corrugation. Physical Review A, 2013, 87, .	2.5	6
105	Spatio-spectral characterization of twin-beam states of light for quantum state engineering. International Journal of Quantum Information, 2014, 12, 1560027.	1.1	6
106	Experimental identification of non-classicality of noisy twin beams and other related two-mode states. Scientific Reports, 2018, 8, 1460.	3.3	6
107	Mixedness, Coherence and Entanglement in a Family of Three-Qubit States. Entropy, 2022, 24, 324.	2.2	6
108	Raman and Brillouin couplers with losses and phase mismatch. Journal of Modern Optics, 1999, 46, 1255-1276.	1.3	5

#	ARTICLE	IF	CITATIONS
109	Two-mode squeezing in Raman couplers. Journal of Optics B: Quantum and Semiclassical Optics, 2000, 2, 10-20.	1.4	5
110	Experimental verification of energy correlations in entangled photon pairs. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 319, 251-262.	2.1	5
111	Quantum Zeno effect in cascaded parametric down-conversion with losses. Physics Letters, Section A: General, Atomic and Solid State Physics, 2004, 325, 16-20.	2.1	5
112	Joint distributions of multimode stimulated parametric down-conversion and controllable nonclassical effects. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 085501.	1.5	5
113	Squeezing and photon antibunching in second harmonic generation: an analytical approach. Journal of Modern Optics, 2012, 59, 555-564.	1.3	5
114	Entanglement between an autoionizing system and a neighboring atom. Physical Review A, 2012, 85, .	2.5	5
115	Generation of sub-Poissonian non-Gaussian states from multimode twin beams by photon-number-resolving detectors. International Journal of Quantum Information, 2014, 12, 1461017.	1.1	5
116	Waves in spatio-spectral and -temporal coherence of evolving ultra-intense twin beams. Scientific Reports, 2019, 9, 4256.	3.3	5
117	Interplay between quantum Zeno and anti-Zeno effects in a nondegenerate hyper-Raman nonlinear optical coupler. Physical Review A, 2021, 103, .	2.5	5
118	Ideal pairing of the Stokes and anti-Stokes photons in the Raman process. Physical Review A, 2021, 103, .	2.5	5
119	Quantum statistics and dynamics of nonlinear couplers. Journal of Modern Optics, 1996, 43, 1951-1971.	1.3	5
120	Quantum statistical properties of superposition of squeezed and displaced states with thermal noise. Journal of Modern Optics, 1999, 46, 1621-1639.	1.3	5
121	Non-classicality of optical fields as observed in photocount and photon-number distributions. Optics Express, 2020, 28, 32620.	3.4	5
122	Electromagnetic concept of phase conjugation. Journal of Modern Optics, 1998, 45, 425-436.	1.3	4
123	Codirectional simulation of contradirectional propagation. Journal of Modern Optics, 1999, 46, 801-811.	1.3	4
124	Quantum statistical properties of superposition of squeezed and displaced states with thermal noise. Journal of Modern Optics, 1999, 46, 1621-1639.	1.3	4
125	Characterization of a resonator using entangled two-photon states. Optics Communications, 2003, 221, 153-161.	2.1	4
126	Measurement-based tailoring of Anderson localization of partially coherent light. Physical Review A, 2014, 89, .	2.5	4

#	ARTICLE	IF	CITATIONS
127	Entanglement and nonclassicality in four-mode Gaussian states generated via parametric down-conversion and frequency up-conversion. Scientific Reports, 2016, 6, 33802.	3.3	4
128	Kerr-like behaviour of second harmonic generation in the far-off resonant regime. Optics Communications, 2018, 414, 146-153.	2.1	4
129	Intense spectrally broad-band twin beams from poled nonlinear crystals. Scientific Reports, 2018, 8, 15350.	3.3	4
130	Two-beam light with simultaneous anticorrelations in photon-number fluctuations and sub-Poissonian statistics. Physical Review A, 2021, 104, .	2.5	4
131	Compound Twin Beams Without the Need of Genuine Photon-Number-Resolving Detection. Physical Review Applied, 2021, 16, .	3.8	4
132	Time-Dependent Laser Cavity Perturbation Theory: Exploring Future Nano-Structured Photonic Devices in Semi-Analytic way. Journal of Lightwave Technology, 2022, 40, 4735-4745.	4.6	4
133	Phase properties of two-mode gaussian light fields with application to Raman scattering. Journal of Modern Optics, 2000, 47, 1399-1417.	1.3	3
134	Quantum Nonlocality of Photon Pairs in Interference in a Mach-Zehnder Interferometer. European Physical Journal D, 2003, 53, 335-349.	0.4	3
135	Quantum state propagation in linear photonic bandgap structures. Journal of Optics B: Quantum and Semiclassical Optics, 2004, 6, 110-114.	1.4	3
136	Joint probability distributions for optical parametric down-conversion. Journal of the European Optical Society-Rapid Publications, 2006, 1, .	1.9	3
137	Advanced Neutron Imaging and Sensing. Advances in Imaging and Electron Physics, 2006, 142, 53-157.	0.2	3
138	Quantum statistics of optical parametric processes with squeezed reservoirs. Optics Communications, 2013, 308, 274-281.	2.1	3
139	Higher-order stochastic quasi-phase-matching in spontaneous parametric down-conversion. Optics Communications, 2013, 306, 113-116.	2.1	3
140	Electromagnetically induced transparency for a double Fano-profile system. European Physical Journal D, 2014, 68, 1.	1.3	3
141	Joint photon and wave statistics in nonlinear optical couplers. Optics Communications, 2014, 326, 10-19.	2.1	3
142	Long-time joint spectra and entanglement of two photoelectrons originating in interacting auto-ionization systems. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 115007.	1.5	3
143	Retrieving the covariance matrix of an unknown two-mode Gaussian state by means of a reference twin beam. Optics Communications, 2016, 375, 29-33.	2.1	3
144	Two-beam light with "checked-pattern" photon-number distributions. Optics Express, 2021, 29, 29704.	3.4	3

#	ARTICLE	IF	CITATIONS
145	Nonclassicality criteria for N -dimensional optical fields detected by quadratic detectors. Physical Review A, 2022, 105, .	2.5	3
146	Dynamics of excitations in molecular condensates under the influence of an ultrashort pulse. Journal of Physics A, 1997, 30, 8105-8117.	1.6	2
147	Interplay of creation, propagation, and relaxation of an excitation in a dimer. Chemical Physics, 1998, 236, 157-179.	1.9	2
148	The $1/N$ -expansion, Quantum-Classical Correspondence and Nonclassical States Generation in Dissipative Higher-Order Anharmonic Oscillators. Physica Scripta, 2000, 61, 7-16.	2.5	2
149	Experimental Tests of Energy and Time Entanglement. European Physical Journal A, 2005, 23, 143-150.	0.2	2
150	Effects of pump depletion on spatial and spectral properties of parametric down-conversion. , 2015, , .		2
151	Noise Reduction in Photon Counting by Exploiting Spatial Correlations. Physical Review Applied, 2017, 8, .	3.8	2
152	Reconstruction of Joint Photon-Number Distributions of Twin Beams Incorporating Spatial Noise Reduction. Physical Review Applied, 2018, 10, .	3.8	2
153	Quasidistribution of phases. Optics Communications, 2019, 437, 373-376.	2.1	2
154	Phase properties of the asymmetric nonlinear coupler. Journal of Modern Optics, 1998, 45, 2269-2279.	1.3	2
155	Raman and Brillouin couplers with losses and phase mismatch. Journal of Modern Optics, 1999, 46, 1255-1276.	1.3	2
156	Vectorial electromagnetic theory of degenerate four-wave mixing in isotropic Kerr-like media. Journal of Optics, 1998, 7, 1043-1052.	0.5	1
157	Sub-poissonian light in third-harmonic generation: Quantum predictions via classical trajectories. European Physical Journal D, 2000, 50, 717-726.	0.4	1
158	Nonlinear Phenomena in Quantum Optics. , 0, , 491-601.		1
159	Photon Statistics of Nonclassical Fields. Advances in Chemical Physics, 2007, , 405-459.	0.3	1
160	Spontaneous Parametric Down-Conversion in Nonlinear Layered Structures. Progress in Optics, 2014, 59, 89-158.	0.6	1
161	Evolution of spatio-spectral coherence properties of twin beam states in the high-gain regime. , 2015, , .		1
162	Waves in intensity coherence of evolving intense twin beams. Physical Review A, 2020, 101, .	2.5	1

#	ARTICLE	IF	CITATIONS
163	Polarization dynamics of grating-based spin-lasers. , 2022, , .		1
164	Dynamics of excitations in molecular condensates. European Physical Journal D, 1999, 49, 1027-1037.	0.4	0
165	<title>Treatment of dentinal tubules by Nd:YAG laser</title>. , 2005, , .		0
166	<title>Photon statistics and spatial properties of photon pairs generated by spontaneous parametric down-conversion</title>. , 2005, 5945, 594501.		0
167	<title>Nonclassical-light generation in a photonic-band-gap nonlinear planar waveguide</title>. , 2005, , .		0
168	<title>Generation of the Schrodinger-cat states in the codirectional Kerr nonlinear coupler</title>. , 2005, 5945, 28.		0
169	Photocount measurements as a tool for investigation of non-classical properties of twin beams. , 2008, , .		0
170	Angular uncertainty of momentum correlations in parametric fluorescence. Journal of Russian Laser Research, 2009, 30, 540.	0.6	0
171	Generation of entangled photon pairs in periodically poled nonlinear crystals. , 2009, , .		0
172	Correlations in far field of photons emitted by parametric fluorescence. , 2010, , .		0
173	Intense ultra-broadband down-conversion from randomly poled nonlinear crystals. , 2011, , .		0
174	Generation of squeezed states by parametric fluorescence. , 2012, , .		0
175	Spatial and spectral properties of second harmonic generation in a periodically poled KTP waveguide. , 2012, , .		0
176	Photon-number statistics of twin beams: Self-consistent measurement, reconstruction, and properties. , 2014, , .		0
177	Generation of sub-Poissonian non-Gaussian states from multimode twin beams by photon-number-resolving detectors. , 2014, , .		0
178	Spectral coherence of twin beams by single-shot measurements with a fiber spectrometer. Proceedings of SPIE, 2015, , .	0.8	0
179	Study of nonlinear magneto-optic effects in BBO. , 2016, , .		0