Chang-Ling Zou

List of Publications by Year
in descending order

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221 papers	10,185 citations	34105 52 h-index	40979 93 g-index
223 all docs	223 docs citations	223 times ranked	7655 citing authors

#	Article	IF	Citations
1	Strongly Coupled Magnons and Cavity Microwave Photons. Physical Review Letters, 2014, 113, 156401.	7.8	693
2	Experimental realization of optomechanically induced non-reciprocity. Nature Photonics, 2016, 10, 657-661.	31.4	414
3	Cavity magnomechanics. Science Advances, 2016, 2, e1501286.	10.3	395
4	Magnon dark modes and gradient memory. Nature Communications, 2015, 6, 8914.	12.8	293
5	Optomagnonic Whispering Gallery Microresonators. Physical Review Letters, 2016, 117, 123605.	7.8	278
6	Brillouin-scattering-induced transparency and non-reciprocal light storage. Nature Communications, 2015, 6, 6193.	12.8	266
7	Two-Photon Pumped Lasing in Single-Crystal Organic Nanowire Exciton Polariton Resonators. Journal of the American Chemical Society, 2011, 133, 7276-7279.	13.7	221
8	Parametric down-conversion photon-pair source on a nanophotonic chip. Light: Science and Applications, 2017, 6, e16249-e16249.	16.6	196
9	Whisperingâ€gallery microcavities with unidirectional laser emission. Laser and Photonics Reviews, 2016, 10, 40-61.	8.7	190
10	Quantum error correction and universal gate set operation on a binomial bosonic logical qubit. Nature Physics, 2019, 15, 503-508.	16.7	188
11	Organic printed photonics: From microring lasers to integrated circuits. Science Advances, 2015, 1, e1500257.	10.3	172
12	High-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Q</mml:mi></mml:math>Exterior Whispering-Gallery Modes in a Metal-Coated Microresonator. Physical Review Letters, 2010, 105, 153902.	7.8	161
13	Second-harmonic generation in aluminum nitride microrings with 2500%/W conversion efficiency. Optica, 2016, 3, 1126.	9.3	160
14	Superconducting cavity electro-optics: A platform for coherent photon conversion between superconducting and photonic circuits. Science Advances, 2018, 4, eaar4994.	10.3	148
15	Reconfigurable optomechanical circulator and directional amplifier. Nature Communications, 2018, 9, 1797.	12.8	147
16	Output Coupling of Perovskite Lasers from Embedded Nanoscale Plasmonic Waveguides. Journal of the American Chemical Society, 2016, 138, 2122-2125.	13.7	144
17	On-Chip Strong Coupling and Efficient Frequency Conversion between Telecom and Visible Optical Modes. Physical Review Letters, 2016, 117, 123902.	7.8	138
18	Temperature dependent energy level shifts of nitrogen-vacancy centers in diamond. Applied Physics Letters, 2011, 99, .	3.3	134

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19	Photonic integrated circuits with bound states in the continuum. Optica, 2019, 6, 1342.	9.3	130
20	Guiding light through optical bound states in the continuum for ultrahighâ€Q microresonators. Laser and Photonics Reviews, 2015, 9, 114-119.	8.7	128
21	Dual-color single-mode lasing in axially coupled organic nanowire resonators. Science Advances, 2017, 3, e1700225.	10.3	122
22	Experimental observation of Fano resonance in a single whispering-gallery microresonator. Applied Physics Letters, 2011, 98, .	3.3	115
23	Highly Unidirectional Emission and Ultralowâ€Threshold Lasing from Onâ€Chip Ultrahighâ€Q Microcavities. Advanced Materials, 2012, 24, OP260-4, OP185.	21.0	112
24	Experimental controlling of Fano resonance in indirectly coupled whispering-gallery microresonators. Applied Physics Letters, 2012, 100, .	3.3	112
25	Toward 1% single-photon anharmonicity with periodically poled lithium niobate microring resonators. Optica, 2020, 7, 1654.	9.3	110
26	Packaged silica microsphere-taper coupling system for robust thermal sensing application. Optics Express, 2011, 19, 5753.	3.4	108
27	Quantum generative adversarial learning in a superconducting quantum circuit. Science Advances, 2019, 5, eaav2761.	10.3	108
28	Controlled Self-Assembly of Organic Composite Microdisks for Efficient Output Coupling of Whispering-Gallery-Mode Lasers. Journal of the American Chemical Society, 2015, 137, 62-65.	13.7	103
29	Universal control of an oscillator with dispersive coupling to a qubit. Physical Review A, 2015, 92, .	2.5	99
30	Pockels soliton microcomb. Nature Photonics, 2021, 15, 21-27.	31.4	97
31	Integrated optomechanical single-photon frequency shifter. Nature Photonics, 2016, 10, 766-770.	31.4	94
32	Subdiffraction optical manipulation of the charge state of nitrogen vacancy center in diamond. Light: Science and Applications, 2015, 4, e230-e230.	16.6	90
33	Transmission of Photonic Quantum Polarization Entanglement in a Nanoscale Hybrid Plasmonic Waveguide. Nano Letters, 2015, 15, 2380-2384.	9.1	88
34	Broadband on-chip single-photon spectrometer. Nature Communications, 2019, 10, 4104.	12.8	88
35	Silver nanowires for photonics applications. Laser and Photonics Reviews, 2013, 7, 901-919.	8.7	87
36	Hardware-Efficient Quantum Random Access Memory with Hybrid Quantum Acoustic Systems. Physical Review Letters, 2019, 123, 250501.	7.8	86

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37	Plasmon modes of silver nanowire on a silica substrate. Applied Physics Letters, 2010, 97, .	3.3	85
38	Waveguide cavity optomagnonics for microwave-to-optics conversion. Optica, 2020, 7, 1291.	9.3	84
39	Bosonic quantum error correction codes in superconducting quantum circuits. Fundamental Research, 2021, 1, 50-67.	3.3	83
40	Ultralow-threshold thin-film lithium niobate optical parametric oscillator. Optica, 2021, 8, 539.	9.3	82
41	Microwave-optical quantum frequency conversion. Optica, 2021, 8, 1050.	9.3	81
42	Cavity piezo-mechanics for superconducting-nanophotonic quantum interface. Nature Communications, 2020, 11, 3237.	12.8	76
43	On-chip Ï‡⁽²⁾ microring optical parametric oscillator. Optica, 2019, 6, 1361.	9.3	75
44	Broadband integrated polarization beam splitter with surface plasmon. Optics Letters, 2011, 36, 3630.	3.3	72
45	Cat Codes with Optimal Decoherence Suppression for a Lossy Bosonic Channel. Physical Review Letters, 2017, 119, 030502.	7.8	69
46	Phononic integrated circuitry and spinâ€“orbit interaction of phonons. Nature Communications, 2019, 10, 2743.	12.8	67
47	Soliton microcomb generation at 2â€‰â€‰Î¼m in z-cut lithium niobate microring resonators. Optics Letters, 2019, 44, 3182.	3.3	63
48	Deterministic generation and switching of dissipative Kerr soliton in a thermally controlled micro-resonator. AIP Advances, 2019, 9, .	1.3	62
49	Error-transparent operations on a logical qubit protected by quantum error correction. Nature Physics, 2020, 16, 827-831.	16.7	60
50	Modified transmission spectrum induced by two-mode interference in a single silica microsphere. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 215401.	1.5	57
51	Proposal for Heralded Generation and Detection of Entangled Microwaveâ€“Optical-Photon Pairs. Physical Review Letters, 2020, 124, 010511.	7.8	57
52	Strongly Coupled Nanotube Electromechanical Resonators. Nano Letters, 2016, 16, 5456-5462.	9.1	55
53	Efficient third-harmonic generation in composite aluminum nitride/silicon nitride microrings. Optica, 2018, 5, 103.	9.3	55
54	Efficient Generation of a Near-visible Frequency Comb via Cherenkov-like Radiation from a Kerr Microcomb. Physical Review Applied, 2018, 10, .	3.8	54

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55	Multimode Strong Coupling in Superconducting Cavity Piezoelectromechanics. Physical Review Letters, 2016, 117, 123603.	7.8	53
56	High-Visibility On-Chip Quantum Interference of Single Surface Plasmons. Physical Review Applied, 2014, 2, .	3.8	52
57	Optical manipulation of the charge state of nitrogen-vacancy center in diamond. Applied Physics Letters, 2013, 103, .	3.3	51
58	Bidirectional interconversion of microwave and light with thin-film lithium niobate. Nature Communications, 2021, 12, 4453.	12.8	51
59	Low-threshold microlaser in a high-Q asymmetrical microcavity. Optics Letters, 2009, 34, 509.	3.3	47
60	Selfâ€Assembled Organic Crystalline Microrings as Active Whisperingâ€Galleryâ€Mode Optical Resonators. Advanced Optical Materials, 2013, 1, 357-361.	7.3	47
61	Quantum Key Distribution with Onâ€Chip Dissipative Kerr Soliton. Laser and Photonics Reviews, 2020, 14, 1900190.	8.7	44
62	Frequency stabilization and tuning of breathing solitons in Si₃N₄ microresonators. Photonics Research, 2020, 8, 1342.	7.0	42
63	Tuneable red, green, and blue single-mode lasing in heterogeneously coupled organic spherical microcavities. Light: Science and Applications, 2020, 9, 151.	16.6	41
64	Magnon-photon strong coupling for tunable microwave circulators. Physical Review A, 2020, 101, .	2.5	41
65	Cavity piezomechanical strong coupling and frequency conversion on an aluminum nitride chip. Physical Review A, 2016, 94, .	2.5	40
66	Overcoming erasure errors with multilevel systems. New Journal of Physics, 2017, 19, 013026.	2.9	40
67	Taper-microsphere coupling with numerical calculation of coupled-mode theory. Journal of the Optical Society of America B: Optical Physics, 2008, 25, 1895.	2.1	39
68	Experimental demonstration of dissipative sensing in a self-interference microring resonator. Photonics Research, 2018, 6, 681.	7.0	39
69	Theory of free space coupling to high-Q whispering gallery modes. Optics Express, 2013, 21, 9982.	3.4	38
70	Synthetic Gauge Fields in a Single Optomechanical Resonator. Physical Review Letters, 2021, 126, 123603.	7.8	38
71	On-chip generation and control of the vortex beam. Applied Physics Letters, 2016, 108, .	3.3	37
72	In-line high efficient fiber polarizer based on surface plasmon. Applied Physics Letters, 2012, 100, .	3.3	35

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73	Robust Spot-Packaged Microsphere-Taper Coupling Structure for In-Line Optical Sensors. IEEE Photonics Technology Letters, 2011, 23, 1736-1738.	2.5	34
74	Tunable Raman laser in a hollow bottle-like microresonator. Optics Express, 2017, 25, 16879.	3.4	34
75	Frequency-tunable high-Q superconducting resonators via wireless control of nonlinear kinetic inductance. Applied Physics Letters, 2019, 114, .	3.3	33
76	Ringing phenomenon in silica microspheres. Chinese Optics Letters, 2009, 7, 299-301.	2.9	32
77	Spin depolarization effect induced by charge state conversion of nitrogen vacancy center in diamond. Physical Review B, 2015, 92, .	3.2	32
78	Radiative Cooling of a Superconducting Resonator. Physical Review Letters, 2020, 124, 033602.	7.8	32
79	High-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Q</mml:mi></mml:math>plasmonic and dielectric modes in a metal-coated whispering-gallery microcavity. Physical Review A, 2013, 87, .	2.5	31
80	Heisenberg-limited single-mode quantum metrology in a superconducting circuit. Nature Communications, 2019, 10, 4382.	12.8	31
81	Observation of microlaser with Er-doped phosphate glass coated microsphere pumped by 780nm. Optics Communications, 2010, 283, 5117-5120.	2.1	30
82	Broadband opto-mechanical phase shifter for photonic integrated circuits. Applied Physics Letters, 2012, 101, 071114.	3.3	30
83	Proposal for a near-field optomechanical system with enhanced linear and quadratic coupling. Physical Review A, 2012, 85, .	2.5	30
84	Optical Wavelength Filters Based on Photonic Confinement in Semiconductor Nanowire Homojunctions. Advanced Materials, 2014, 26, 620-624.	21.0	29
85	Two-axis spin squeezing of two-component Bose-Einstein condensates via continuous driving. Physical Review A, 2015, 91, .	2.5	28
86	Integrated optical circulator by stimulated Brillouin scattering induced non-reciprocal phase shift. Optics Express, 2015, 23, 25118.	3.4	28
87	Noiseless photonic non-reciprocity via optically-induced magnetization. Nature Communications, 2021, 12, 2389.	12.8	28
88	Efficient Frequency Conversion in a Degenerate <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>Ï‡</mml:mi><mml:mrow><mml:mo stretchy="false">(</mml:mo><mml:mn>2</mml:mn><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 132 Td (stretchy="false">)</mml:m Letters, 2021, 126, 133601.	7.8	27
89	Asymmetric resonant cavities and their applications in optics and photonics: a review. Frontiers of Optoelectronics in China, 2010, 3, 109-124.	0.2	26
90	Quick root searching method for resonances of dielectric optical microcavities with the boundary element method. Optics Express, 2011, 19, 15669.	3.4	26

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91	Detuning-enhanced cavity spin squeezing. Physical Review A, 2015, 91, .	2.5	26
92	Broadband tuning of the optical and mechanical modes in hollow bottle-like microresonators. Optics Express, 2017, 25, 4046.	3.4	26
93	Cavity electro-optic circuit for microwave-to-optical conversion in the quantum ground state. Physical Review A, 2021, 103, .	2.5	26
94	Superkinetic Growth of Oval Organic Semiconductor Microcrystals for Chaotic Lasing. Advanced Materials, 2021, 33, e2100484.	21.0	25
95	Room-temperature steady-state optomechanical entanglement on a chip. Physical Review A, 2011, 84, .	2.5	24
96	Long-distance synchronization of unidirectionally cascaded optomechanical systems. Optics Express, 2016, 24, 12336.	3.4	24
97	Movable Fiber-Integrated Hybrid Plasmonic Waveguide on Metal Film. IEEE Photonics Technology Letters, 2012, 24, 434-436.	2.5	23
98	Exciton-plasmon-photon conversion in silver nanowire: Polarization dependence. Applied Physics Letters, 2011, 99, 061103.	3.3	22
99	Mechanical bound state in the continuum for optomechanical microresonators. New Journal of Physics, 2016, 18, 063031.	2.9	22
100	One-way quantum repeaters with quantum Reed-Solomon codes. Physical Review A, 2018, 97, .	2.5	22
101	Quantum bus of metal nanoring with surface plasmon polaritons. Physical Review B, 2010, 82, .	3.2	21
102	Photonic simulation of system-environment interaction: Non-Markovian processes and dynamical decoupling. Physical Review A, 2013, 88, .	2.5	21
103	Oneâ€Dimensional Dielectric/Metallic Hybrid Materials for Photonic Applications. Small, 2015, 11, 3728-3743.	10.0	21
104	Phase sensitive imaging of 10 GHz vibrations in an AlN microdisk resonator. Review of Scientific Instruments, 2017, 88, 123709.	1.3	21
105	Spectrotemporal shaping of itinerant photons via distributed nanomechanics. Nature Photonics, 2019, 13, 323-327.	31.4	21
106	Multi-Parameter Sensing in a Multimode Self-Interference Micro-Ring Resonator by Machine Learning. Sensors, 2020, 20, 709.	3.8	21
107	Single-sideband microwave-to-optical conversion in high-Q ferrimagnetic microspheres. Photonics Research, 2022, 10, 820.	7.0	21
108	High-Q silica microsphere by poly(methyl methacrylate) coating and modifying. Applied Physics Letters, 2010, 96, .	3.3	20

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109	Interference of surface plasmon polaritons from a â€œpointâ€•source. Applied Physics Letters, 2011, 98, 201113.	3.3	20
110	Stokes and anti-Stokes Raman scatterings from frequency comb lines in poly-crystalline aluminum nitride microring resonators. Optics Express, 2019, 27, 22246.	3.4	20
111	Photon-Photon Quantum Phase Gate in a Photonic Molecule with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll"><mml:msup><mml:mi>Ï‡</mml:mi><mml:mrow><mml:mo stretchy="false">(</mml:mo><mml:mn>2</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 652 Td (stretchy="false"	3.8	20
112	Applied, 2020, 13, . Planar-Integrated Magneto-Optical Trap. Physical Review Applied, 2022, 17, .	3.8	20
113	High-Q nanoring surface plasmon microresonator. Journal of the Optical Society of America B: Optical Physics, 2010, 27, 2495.	2.1	19
114	Vector magnetic field sensing by a single nitrogen vacancy center in diamond. Europhysics Letters, 2013, 101, 67003.	2.0	19
115	Integrated polarization rotator/converter by stimulated Raman adiabatic passage. Optics Express, 2013, 21, 17097.	3.4	19
116	Highly Sensitive Intensity Detection by a Self-Interference Micro-Ring Resonator. IEEE Photonics Technology Letters, 2016, 28, 1469-1472.	2.5	19
117	High quality factor surface Fabry-Perot cavity of acoustic waves. Applied Physics Letters, 2018, 112, .	3.3	19
118	All-Optical Control of Linear and Nonlinear Energy Transfer via the Zeno Effect. Physical Review Letters, 2018, 120, 203902.	7.8	19
119	Accurately calculating high quality factor of whispering-gallery modes with boundary element method. Journal of the Optical Society of America B: Optical Physics, 2009, 26, 2050.	2.1	18
120	Transient microcavity sensor. Optics Express, 2015, 23, 30067.	3.4	18
121	Chiral symmetry breaking in a microring optical cavity by engineered dissipation. Physical Review A, 2016, 94, .	2.5	18
122	Quantum Transduction with Adaptive Control. Physical Review Letters, 2018, 120, 020502.	7.8	18
123	Phase-controlled phonon laser. New Journal of Physics, 2018, 20, 093005.	2.9	18
124	Non-Hermitian Magnon-Photon Interference in an Atomic Ensemble. Physical Review Letters, 2019, 122, 253602.	7.8	18
125	Dissipative sensing with low detection limit in a self-interference microring resonator. Journal of the Optical Society of America B: Optical Physics, 2019, 36, 942.	2.1	18
126	Optimal third-harmonic generation in an optical microcavity with Ï‡(2) and Ï‡(3) nonlinearities. Optics Express, 2018, 26, 27294.	3.4	18

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127	Observation of high-Q optomechanical modes in the mounted silica microspheres. Photonics Research, 2015, 3, 243.	7.0	17
128	Experimental Simulation of Open Quantum System Dynamics via Trotterization. Physical Review Letters, 2021, 127, 020504.	7.8	17
129	Perpendicular coupler for whispering-gallery resonators. Optics Letters, 2012, 37, 3123.	3.3	16
130	Doubly and Triply Coupled Nanowire Antennas. Journal of Physical Chemistry C, 2012, 116, 23779-23784.	3.1	16
131	â€œMÃ¶biusâ€•microring resonator. Applied Physics Letters, 2019, 114, .	3.3	16
132	Nonâ€Reciprocity in Highâ€Q Ferromagnetic Microspheres via Photonic Spinâ€“Orbit Coupling. Laser and Photonics Reviews, 2020, 14, 1900252.	8.7	16
133	Enhanced optomechanical entanglement and cooling via dissipation engineering. Physical Review A, 2020, 101, .	2.5	16
134	Dissipatively Controlled Optomechanical Interaction via Cascaded Photon-Phonon Coupling. Physical Review Letters, 2021, 126, 163604.	7.8	16
135	Quantum electrodynamics in a whispering-gallery microcavity coated with a polymer nanolayer. Physical Review A, 2010, 81, .	2.5	15
136	Thermal bistability of magnon in yttrium iron garnet microspheres. Applied Physics Letters, 2019, 114, .	3.3	15
137	Dielectric bow-tie nanocavity. Optics Letters, 2013, 38, 5311.	3.3	14
138	Extreme light confinement and low loss in triangle hybrid plasmonic waveguide. Optics Communications, 2014, 319, 141-146.	2.1	14
139	Control of second-harmonic generation in doubly resonant aluminum nitride microrings to address a rubidium two-photon clock transition. Optics Letters, 2018, 43, 2696.	3.3	14
140	High frequency lithium niobate film-thickness-mode optomechanical resonator. Applied Physics Letters, 2020, 117, .	3.3	14
141	Enhancement of second-harmonic generation based on the cascaded second- and third-order nonlinear processes in a multimode optical microcavity. Physical Review A, 2018, 98, .	2.5	13
142	Experimental Demonstration of Multimode Microresonator Sensing by Machine Learning. IEEE Sensors Journal, 2021, 21, 9046-9053.	4.7	13
143	Optomechanical devices based on traveling-wave microresonators. Physical Review A, 2017, 95, .	2.5	12
144	Experimental repetitive quantum channel simulation. Science Bulletin, 2018, 63, 1551-1557.	9.0	12

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145	High-acoustic-index-contrast phononic circuits: Numerical modeling. Journal of Applied Physics, 2020, 128, .	2.5	12
146	Gas identification in high-Q microbubble resonators. Optics Letters, 2020, 45, 4440.	3.3	12
147	High-frequency traveling-wave phononic cavity with sub-micron wavelength. Applied Physics Letters, 2022, 120, .	3.3	12
148	Hybrid superconducting photonic-phononic chip for quantum information processing. , 2022, 1, 100016.		12
149	High-Q and Unidirectional Emission Whispering Gallery Modes: Principles and Design. IEEE Journal of Selected Topics in Quantum Electronics, 2013, 19, 1-6.	2.9	11
150	Broadband Plasmonic Absorber for Photonic Integrated Circuits. IEEE Photonics Technology Letters, 2014, 26, 1726-1729.	2.5	11
151	Enhanced absorption microscopy with correlated photon pairs. Physical Review A, 2018, 98, .	2.5	11
152	70 dB long-pass filter on a nanophotonic chip. Optics Express, 2016, 24, 21167.	3.4	10
153	Thermal tuning of mode crossing and the perfect soliton crystal in a Si₃N₄ microresonator. Optics Express, 2022, 30, 13690.	3.4	10
154	Modal coupling strength in a fibre taper coupled silica microsphere. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 085401.	1.5	9
155	Negative Goosâ€“HÃnchen shift on a concave dielectric interface. Optics Letters, 2011, 36, 624.	3.3	9
156	An Optimization Method of Asymmetric Resonant Cavities for Unidirectional Emission. Journal of Lightwave Technology, 2013, 31, 2994-2998.	4.6	9
157	Controlling deformation in a high quality factor silica microsphere toward single directional emission. Applied Optics, 2013, 52, 298.	1.8	9
158	Fast Spectroscopy Based on a Modulated Soliton Microcomb. IEEE Photonics Journal, 2021, 13, 1-4.	2.0	9
159	Tunable optofluidic liquid metal core microbubble resonator. Optics Express, 2020, 28, 2201.	3.4	9
160	All-optical thermal control for second-harmonic generation in an integrated microcavity. Optics Express, 2020, 28, 11144.	3.4	9
161	Quantum Interference between Photons and Single Quanta of Stored Atomic Coherence. Physical Review Letters, 2022, 128, 083605.	7.8	9
162	Route-asymmetrical optical transmission and logic gate based on optical gradient force. Optics Express, 2014, 22, 25947.	3.4	8

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163	Phonon-induced spin squeezing based on geometric phase. Physical Review A, 2015, 92, .	2.5	8
164	Opto-fluidic-plasmonic liquid-metal core microcavity. Applied Physics Letters, 2020, 117, .	3.3	8
165	Unidirectional transmission of single photons under nonideal chiral photon-atom interactions. Physical Review A, 2020, 102, .	2.5	8
166	Saturating the quantum CramÃ©râ€“Rao bound using LOCC. Quantum Science and Technology, 2020, 5, 025005.	5.8	8
167	Perfect Soliton Crystals in the High-Q Microrod Resonator. IEEE Photonics Technology Letters, 2021, 33, 788-791.	2.5	8
168	Nondestructive measurement of nanofiber diameters using microfiber tip. Optics Express, 2018, 26, 31500.	3.4	8
169	Infrared laser locking to a rubidium saturated absorption spectrum via a photonic chip frequency doubler. Optics Letters, 2019, 44, 1150.	3.3	8
170	Quadratic strong coupling in AlN Kerr cavity solitons. Optics Letters, 2022, 47, 746.	3.3	8
171	Quantum-enhanced radiometry via approximate quantum error correction. Nature Communications, 2022, 13, .	12.8	8
172	Mechanism of directional emission from a peanut-shaped microcavity. Physical Review A, 2011, 83, .	2.5	7
173	Extremely Local Electric Field Enhancement and Light Confinement in Dielectric Waveguide. IEEE Photonics Technology Letters, 2014, 26, 1426-1429.	2.5	6
174	Tunable Addâ€“Drop Filter With Hollow Bottlelike Microresonators. IEEE Photonics Journal, 2018, 10, 1-7.	2.0	6
175	Polarization mode hybridization and conversion in phononic wire waveguides. Applied Physics Letters, 2019, 115, .	3.3	6
176	Photorefraction-induced Bragg scattering in cryogenic lithium niobate ring resonators. Optics Letters, 2021, 46, 432.	3.3	6
177	Proposal of Unsupervised Gas Classification by Multimode Microresonator. IEEE Photonics Journal, 2021, 13, 1-11.	2.0	6
178	High-Efficiency Arbitrary Quantum Operation on a High-Dimensional Quantum System. Physical Review Letters, 2021, 127, 090504.	7.8	6
179	Broadband Enhancement of Light Harvesting in a Luminescent Solar Concentrator. IEEE Journal of Quantum Electronics, 2011, 47, 1171-1176.	1.9	5
180	Dynamic Process of Free Space Excitation of Asymmetric Resonant Microcavity. Journal of Lightwave Technology, 2013, 31, 1884-1889.	4.6	5

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181	Independently analyzing different surface plasmon polariton modes on silver nanowire. Optics Express, 2014, 22, 23372.	3.4	5
182	Phase-engineered bosonic quantum codes. Physical Review A, 2021, 103, .	2.5	5
183	Experimental investigation of the angular symmetry of optical force in a solid dielectric. Optica, 2021, 8, 1435.	9.3	5
184	Extreme terahertz electric-field enhancement in high-Q photonic crystal slab cavity with nanoholes. Optics Express, 2018, 26, 30851.	3.4	5
185	Cavity-enhanced optical controlling based on three-wave mixing in cavity-atom ensemble system. Optics Express, 2019, 27, 6660.	3.4	5
186	Broadband frequency conversion and â€œarea lawâ€•in tapered waveguides. OSA Continuum, 2018, 1, 1349.	1.8	5
187	Classical-to-quantum transition in multimode nonlinear systems with strong photon-photon coupling. Physical Review A, 2022, 105, .	2.5	5
188	Multigrating design for integrated single-atom trapping, manipulation, and readout. Physical Review A, 2022, 105, .	2.5	5
189	Integrated entangled photons source from microcavity parametric down conversion. Journal of the Optical Society of America B: Optical Physics, 2012, 29, 1884.	2.1	4
190	Efficient coupling between dielectric waveguide modes and exterior plasmon whispering gallery modes. Optics Express, 2013, 21, 31253.	3.4	4
191	Ultralong distance coupling between deformed circular microcavities. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 478.	2.1	4
192	Quantum phase gate through the dispersive atomâ€“field interaction with atoms trapped in optical cavity QED. Physics Letters, Section A: General, Atomic and Solid State Physics, 2015, 379, 2291-2294.	2.1	4
193	Flat-top optical filter via the adiabatic evolution of light in an asymmetric coupler. Physical Review A, 2019, 100, .	2.5	4
194	Near-Field Modulation of Differently Oriented Single Photon Emitters with A Plasmonic Probe. Nano Letters, 2022, 22, 2244-2250.	9.1	4
195	Scheme for purifying a general mixed entangled state and its linear optical implementation. Chinese Physics B, 2015, 24, 100306.	1.4	3
196	Filtration and extraction of quantum states from classical inputs. Physical Review A, 2016, 94, .	2.5	3
197	Perpendicular coupler for standing wave excitation and wavelength selection in high-Q silicon microresonators. Optics Express, 2020, 28, 15835.	3.4	3
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