Chang-Ling Zou

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8370672/publications.pdf

Version: 2024-02-01

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	Quadratic strong coupling in AlN Kerr cavity solitons. Optics Letters, 2022, 47, 746.	3.3	8
2	Vernier effect facilitates integrated lithium niobate single-mode lasers. Science China: Physics, Mechanics and Astronomy, 2022, 65, 1.	5.1	1
3	Single-sideband microwave-to-optical conversion in high-Q ferrimagnetic microspheres. Photonics Research, 2022, 10, 820.	7.0	21
4	Quantum Interference between Photons and Single Quanta of Stored Atomic Coherence. Physical Review Letters, 2022, 128, 083605.	7.8	9
5	Planar-Integrated Magneto-Optical Trap. Physical Review Applied, 2022, 17, .	3.8	20
6	Near-Field Modulation of Differently Oriented Single Photon Emitters with A Plasmonic Probe. Nano Letters, 2022, 22, 2244-2250.	9.1	4
7	Classical-to-quantum transition in multimode nonlinear systems with strong photon-photon coupling. Physical Review A, 2022, 105, .	2.5	5
8	Thermal tuning of mode crossing and the perfect soliton crystal in a Si₃N₄ microresonator. Optics Express, 2022, 30, 13690.	3.4	10
9	High-frequency traveling-wave phononic cavity with sub-micron wavelength. Applied Physics Letters, 2022, 120, .	3.3	12
10	Multigrating design for integrated single-atom trapping, manipulation, and readout. Physical Review A, 2022, 105, .	2.5	5
11	Photonic integrated circuits with bound states in the continuum: erratum. Optica, 2022, 9, 683.	9.3	1
12	Quantum-enhanced radiometry via approximate quantum error correction. Nature Communications, 2022, 13, .	12.8	8
13	Hybrid superconducting photonic-phononic chip for quantum information processing. , 2022, 1, 100016.		12
14	Pockels soliton microcomb. Nature Photonics, 2021, 15, 21-27.	31.4	97
15	Rabi resonance in coherent population trapping: microwave mixing scheme. Optics Express, 2021, 29, 2466.	3.4	2
16	Bosonic quantum error correction codes in superconducting quantum circuits. Fundamental Research, 2021, 1, 50-67.	3.3	83
17	Photorefraction-induced Bragg scattering in cryogenic lithium niobate ring resonators. Optics Letters, 2021, 46, 432.	3.3	6
18	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 52 Td (stretchy="false">)</mml:m Letters, 2021, 126, 133601.	7.8	27

#	Article	IF	Citations
19	Superkinetic Growth of Oval Organic Semiconductor Microcrystals for Chaotic Lasing. Advanced Materials, 2021, 33, e2100484.	21.0	25
20	Synthetic Gauge Fields in a Single Optomechanical Resonator. Physical Review Letters, 2021, 126, 123603.	7.8	38
21	Proposal of Unsupervised Gas Classification by Multimode Microresonator. IEEE Photonics Journal, 2021, 13, 1-11.	2.0	6
22	Ultralow-threshold thin-film lithium niobate optical parametric oscillator. Optica, 2021, 8, 539.	9.3	82
23	Dissipatively Controlled Optomechanical Interaction via Cascaded Photon-Phonon Coupling. Physical Review Letters, 2021, 126, 163604.	7.8	16
24	Noiseless photonic non-reciprocity via optically-induced magnetization. Nature Communications, 2021, 12, 2389.	12.8	28
25	Experimental Demonstration of Multimode Microresonator Sensing by Machine Learning. IEEE Sensors Journal, 2021, 21, 9046-9053.	4.7	13
26	Cavity electro-optic circuit for microwave-to-optical conversion in the quantum ground state. Physical Review A, 2021, 103, .	2.5	26
27	Phase-engineered bosonic quantum codes. Physical Review A, 2021, 103, .	2.5	5
28	Experimental investigation of the angular symmetry of optical force in a solid dielectric. Optica, 2021, 8, 1435.	9.3	5
29	Experimental Simulation of Open Quantum System Dynamics via Trotterization. Physical Review Letters, 2021, 127, 020504.	7.8	17
30	Bidirectional interconversion of microwave and light with thin-film lithium niobate. Nature Communications, 2021, 12, 4453.	12.8	51
31	Perfect Soliton Crystals in the High-Q Microrod Resonator. IEEE Photonics Technology Letters, 2021, 33, 788-791.	2.5	8
32	Fast Spectroscopy Based on a Modulated Soliton Microcomb. IEEE Photonics Journal, 2021, 13, 1-4.	2.0	9
33	High-Efficiency Arbitrary Quantum Operation on a High-Dimensional Quantum System. Physical Review Letters, 2021, 127, 090504.	7.8	6
34	Microwave-optical quantum frequency conversion. Optica, 2021, 8, 1050.	9.3	81
35	Nonâ€Reciprocity in Highâ€Q Ferromagnetic Microspheres via Photonic Spinâ€“Orbit Coupling. Laser and Photonics Reviews, 2020, 14, 1900252.	8.7	16
36	Opto-fluidic-plasmonic liquid-metal core microcavity. Applied Physics Letters, 2020, 117, .	3.3	8

#	Article	IF	Citations
37	Toward 1% single-photon anharmonicity with periodically poled lithium niobate microring resonators. Optica, 2020, 7, 1654.	9.3	110
38	High-acoustic-index-contrast phononic circuits: Numerical modeling. Journal of Applied Physics, 2020, 128, .	2.5	12
39	High frequency lithium niobate film-thickness-mode optomechanical resonator. Applied Physics Letters, 2020, 117, .	3.3	14
40	Tuneable red, green, and blue single-mode lasing in heterogeneously coupled organic spherical microcavities. Light: Science and Applications, 2020, 9, 151.	16.6	41
41	Unidirectional transmission of single photons under nonideal chiral photon-atom interactions. Physical Review A, 2020, 102, .	2.5	8
42	Tunable Optical Bandpass Filter via a Microtip-Touched Tapered Optical Fiber. Chinese Physics Letters, 2020, 37, 104201.	3.3	2
43	Error-transparent operations on a logical qubit protected by quantum error correction. Nature Physics, 2020, 16, 827-831.	16.7	60
44	Cavity piezo-mechanics for superconducting-nanophotonic quantum interface. Nature Communications, 2020, 11, 3237.	12.8	76
45	Enhanced optomechanical entanglement and cooling via dissipation engineering. Physical Review A, 2020, 101, .	2.5	16
46	Saturating the quantum CramÃ©râ€“Rao bound using LOCC. Quantum Science and Technology, 2020, 5, 025005.	5.8	8
47	Radiative Cooling of a Superconducting Resonator. Physical Review Letters, 2020, 124, 033602.	7.8	32
48	Quantum Key Distribution with Onâ€Chip Dissipative Kerr Soliton. Laser and Photonics Reviews, 2020, 14, 1900190.	8.7	44
49	Multi-Parameter Sensing in a Multimode Self-Interference Micro-Ring Resonator by Machine Learning. Sensors, 2020, 20, 709.	3.8	21
50	Magnon-photon strong coupling for tunable microwave circulators. Physical Review A, 2020, 101, .	2.5	41
51	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 50 172 Td (stretchy="false">	3.8	20
52	Applied, 2020, 13, . Proposal for Heralded Generation and Detection of Entangled Microwaveâ€“Optical-Photon Pairs. Physical Review Letters, 2020, 124, 010511.	7.8	57
53	Tunable optofluidic liquid metal core microbubble resonator. Optics Express, 2020, 28, 2201.	3.4	9
54	All-optical thermal control for second-harmonic generation in an integrated microcavity. Optics Express, 2020, 28, 11144.	3.4	9

#	Article	IF	Citations
55	Perpendicular coupler for standing wave excitation and wavelength selection in high-Q silicon microresonators. Optics Express, 2020, 28, 15835.	3.4	3
56	Gas identification in high-Q microbubble resonators. Optics Letters, 2020, 45, 4440.	3.3	12
57	Waveguide cavity optomagnonics for microwave-to-optics conversion. Optica, 2020, 7, 1291.	9.3	84
58	Design of a micrometer-long superconducting nanowire perfect absorber for efficient high-speed single-photon detection. Photonics Research, 2020, 8, 1260.	7.0	3
59	Frequency stabilization and tuning of breathing solitons in Si₃N₄ microresonators. Photonics Research, 2020, 8, 1342.	7.0	42
60	Photonic integrated circuits with bound states in the continuum. , 2020, , .		1
61	Non-reciprocity in Optomechanical Resonators. , 2020, , 125-158.		0
62	Flat-top optical filter via the adiabatic evolution of light in an asymmetric coupler. Physical Review A, 2019, 100, .	2.5	4
63	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
64	Non-Hermitian Magnon-Photon Interference in an Atomic Ensemble. Physical Review Letters, 2019, 122, 253602.	7.8	18
65	Quantum state preparation of an atomic ensemble via cavity-assisted homodyne measurement. Journal of Physics B: Atomic, Molecular and Optical Physics, 2019, 52, 215003.	1.5	0
66	Polarization mode hybridization and conversion in phononic wire waveguides. Applied Physics Letters, 2019, 115, .	3.3	6
67	Broadband on-chip single-photon spectrometer. Nature Communications, 2019, 10, 4104.	12.8	88
68	Heisenberg-limited single-mode quantum metrology in a superconducting circuit. Nature Communications, 2019, 10, 4382.	12.8	31
69	Quantum generative adversarial learning in a superconducting quantum circuit. Science Advances, 2019, 5, eaav2761.	10.3	108
70	Thermal bistability of magnon in yttrium iron garnet microspheres. Applied Physics Letters, 2019, 114, .	3.3	15
71	Phononic integrated circuitry and spinâ€“orbit interaction of phonons. Nature Communications, 2019, 10, 2743.	12.8	67
72	Frequency-tunable high-Q superconducting resonators via wireless control of nonlinear kinetic inductance. Applied Physics Letters, 2019, 114, .	3.3	33

#	Article	IF	Citations
73	Spectrotemporal shaping of itinerant photons via distributed nanomechanics. Nature Photonics, 2019, 13, 323-327.	31.4	21
74	â€œMÃ¶biusâ€•microring resonator. Applied Physics Letters, 2019, 114, .	3.3	16
75	Quantum error correction and universal gate set operation on a binomial bosonic logical qubit. Nature Physics, 2019, 15, 503-508.	16.7	188
76	Deterministic generation and switching of dissipative Kerr soliton in a thermally controlled micro-resonator. AIP Advances, 2019, 9, .	1.3	62
77	Hardware-Efficient Quantum Random Access Memory with Hybrid Quantum Acoustic Systems. Physical Review Letters, 2019, 123, 250501.	7.8	86
78	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
79	Cavity-enhanced optical controlling based on three-wave mixing in cavity-atom ensemble system. Optics Express, 2019, 27, 6660.	3.4	5
80	Infrared laser locking to a rubidium saturated absorption spectrum via a photonic chip frequency doubler. Optics Letters, 2019, 44, 1150.	3.3	8
81	Soliton microcomb generation at 2â€‰â€‰Î¼m in z-cut lithium niobate microring resonators. Optics Letters, 2019, 44, 3182.	3.3	63
82	Photonic integrated circuits with bound states in the continuum. Optica, 2019, 6, 1342.	9.3	130
83	On-chip Ï‡⁽²⁾ microring optical parametric oscillator. Optica, 2019, 6, 1361.	9.3	75
84	Collecting quantum dot fluorescence with a hybrid plasmonic probe. OSA Continuum, 2019, 2, 881.	1.8	2
85	The measurement of heat dissipate rate from the micro-cavity resonator bulk to the environment based on thermo-optic oscillation. , 2019, , .		0
86	Tunable Addâ€“Drop Filter With Hollow Bottlelike Microresonators. IEEE Photonics Journal, 2018, 10, 1-7.	2.0	6
87	High quality factor surface Fabry-Perot cavity of acoustic waves. Applied Physics Letters, 2018, 112, .	3.3	19
88	Quantum Transduction with Adaptive Control. Physical Review Letters, 2018, 120, 020502.	7.8	18
89	Experimental repetitive quantum channel simulation. Science Bulletin, 2018, 63, 1551-1557.	9.0	12
90	Phase-controlled phonon laser. New Journal of Physics, 2018, 20, 093005.	2.9	18

#	Article	IF	Citations
91	All-Optical Control of Linear and Nonlinear Energy Transfer via the Zeno Effect. Physical Review Letters, 2018, 120, 203902.	7.8	19
92	One-way quantum repeaters with quantum Reed-Solomon codes. Physical Review A, 2018, 97, .	2.5	22
93	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
94	Efficient third-harmonic generation in composite aluminum nitride/silicon nitride microrings. Optica, 2018, 5, 103.	9.3	55
95	Experimental demonstration of dissipative sensing in a self-interference microring resonator. Photonics Research, 2018, 6, 681.	7.0	39
96	Enhanced absorption microscopy with correlated photon pairs. Physical Review A, 2018, 98, .	2.5	11
97	Efficient Generation of a Near-visible Frequency Comb via Cherenkov-like Radiation from a Kerr Microcomb. Physical Review Applied, 2018, 10, .	3.8	54
98	Reconfigurable optomechanical circulator and directional amplifier. Nature Communications, 2018, 9, 1797.	12.8	147
99	Superconducting cavity electro-optics: A platform for coherent photon conversion between superconducting and photonic circuits. Science Advances, 2018, 4, eaar4994.	10.3	148
100	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
101	Optimal third-harmonic generation in an optical microcavity with Ï‡(2) and Ï‡(3) nonlinearities. Optics Express, 2018, 26, 27294.	3.4	18
102	Extreme terahertz electric-field enhancement in high-Q photonic crystal slab cavity with nanoholes. Optics Express, 2018, 26, 30851.	3.4	5
103	Nondestructive measurement of nanofiber diameters using microfiber tip. Optics Express, 2018, 26, 31500.	3.4	8
104	Broadband frequency conversion and â€œarea lawâ€•in tapered waveguides. OSA Continuum, 2018, 1, 1349.	1.8	5
105	Reconfigurable vortex beam generator based on the Fourier transformation principle. Optics Express, 2018, 26, 31880.	3.4	3
106	Parametric down-conversion photon-pair source on a nanophotonic chip. Light: Science and Applications, 2017, 6, e16249-e16249.	16.6	196
107	Optimized architectures for long distance quantum communication. , 2017, , .		0
108	Cat Codes with Optimal Decoherence Suppression for a Lossy Bosonic Channel. Physical Review Letters, 2017, 119, 030502.	7.8	69

#	Article	IF	Citations
109	Dual-color single-mode lasing in axially coupled organic nanowire resonators. Science Advances, 2017, 3, e1700225.	10.3	122
110	Overcoming erasure errors with multilevel systems. New Journal of Physics, 2017, 19, 013026.	2.9	40
111	Optomechanical devices based on traveling-wave microresonators. Physical Review A, 2017, 95, .	2.5	12
112	Phase sensitive imaging of 10 GHz vibrations in an AlN microdisk resonator. Review of Scientific Instruments, 2017, 88, 123709.	1.3	21
113	Broadband tuning of the optical and mechanical modes in hollow bottle-like microresonators. Optics Express, 2017, 25, 4046.	3.4	26
114	Tunable Raman laser in a hollow bottle-like microresonator. Optics Express, 2017, 25, 16879.	3.4	34
115	Efficient visible frequency microcomb generation with 22% conversion efficiency. , 2017, , .		0
116	Aluminum nitride microring resonators for efficient frequency doubling and strong coupling between visible and infrared optical modes. , 2017, , .		0
117	Mechanical bound state in the continuum for optomechanical microresonators. New Journal of Physics, 2016, 18, 063031.	2.9	22
118	Second-harmonic generation in aluminum nitride microrings with 2500%/W conversion efficiency. Optica, 2016, 3, 1126.	9.3	160
119	On-chip generation and control of the vortex beam. Applied Physics Letters, 2016, 108, .	3.3	37
120	70 dB long-pass filter on a nanophotonic chip. Optics Express, 2016, 24, 21167.	3.4	10
121	Cavity piezomechanical strong coupling and frequency conversion on an aluminum nitride chip. Physical Review A, 2016, 94, .	2.5	40
122	Strongly Coupled Nanotube Electromechanical Resonators. Nano Letters, 2016, 16, 5456-5462.	9.1	55
123	Chiral symmetry breaking in a microring optical cavity by engineered dissipation. Physical Review A, 2016, 94, .	2.5	18
124	Whisperingâ€gallery microcavities with unidirectional laser emission. Laser and Photonics Reviews, 2016, 10, 40-61.	8.7	190
125	Long-distance synchronization of unidirectionally cascaded optomechanical systems. Optics Express, 2016, 24, 12336.	3.4	24
126	Experimental realization of optomechanically induced non-reciprocity. Nature Photonics, 2016, 10, 657-661.	31.4	414

#	Article	IF	Citations
127	Multimode Strong Coupling in Superconducting Cavity Piezoelectromechanics. Physical Review Letters, 2016, 117, 123603.	7.8	53
128	Optomagnonic Whispering Gallery Microresonators. Physical Review Letters, 2016, 117, 123605.	7.8	278
129	On-Chip Strong Coupling and Efficient Frequency Conversion between Telecom and Visible Optical Modes. Physical Review Letters, 2016, 117, 123902.	7.8	138
130	Cavity magnomechanics. Science Advances, 2016, 2, e1501286.	10.3	395
131	Integrated optomechanical single-photon frequency shifter. Nature Photonics, 2016, 10, 766-770.	31.4	94
132	Filtration and extraction of quantum states from classical inputs. Physical Review A, 2016, 94, .	2.5	3
133	Output Coupling of Perovskite Lasers from Embedded Nanoscale Plasmonic Waveguides. Journal of the American Chemical Society, 2016, 138, 2122-2125.	13.7	144
134	Highly Sensitive Intensity Detection by a Self-Interference Micro-Ring Resonator. IEEE Photonics Technology Letters, 2016, 28, 1469-1472.	2.5	19
135	Nonlinear optic induced transparency and frequency conversion on a chip. , 2016, , .		1
136	Transient microcavity sensor. Optics Express, 2015, 23, 30067.	3.4	18
137	Phonon-induced spin squeezing based on geometric phase. Physical Review A, 2015, 92, .	2.5	8
138	Universal control of an oscillator with dispersive coupling to a qubit. Physical Review A, 2015, 92, .	2.5	99
139	Spin depolarization effect induced by charge state conversion of nitrogen vacancy center in diamond. Physical Review B, 2015, 92, .	3.2	32
140	Scheme for purifying a general mixed entangled state and its linear optical implementation. Chinese Physics B, 2015, 24, 100306.	1.4	3
141	High visibility on-chip quantum interference of single surface plasmons. , 2015, , .		0
142	Oneâ€Dimensional Dielectric/Metallic Hybrid Materials for Photonic Applications. Small, 2015, 11, 3728-3743.	10.0	21
143	Magnon dark modes and gradient memory. Nature Communications, 2015, 6, 8914.	12.8	293
144	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

#	Article	IF	Citations
145	Subdiffraction optical manipulation of the charge state of nitrogen vacancy center in diamond. Light: Science and Applications, 2015, 4, e230-e230.	16.6	90
146	Detuning-enhanced cavity spin squeezing. Physical Review A, 2015, 91, .	2.5	26
147	Two-axis spin squeezing of two-component Bose-Einstein condensates via continuous driving. Physical Review A, 2015, 91, .	2.5	28
148	Transmission of Photonic Quantum Polarization Entanglement in a Nanoscale Hybrid Plasmonic Waveguide. Nano Letters, 2015, 15, 2380-2384.	9.1	88
149	Brillouin-scattering-induced transparency and non-reciprocal light storage. Nature Communications, 2015, 6, 6193.	12.8	266
150	Integrated optical circulator by stimulated Brillouin scattering induced non-reciprocal phase shift. Optics Express, 2015, 23, 25118.	3.4	28
151	Observation of high-Q optomechanical modes in the mounted silica microspheres. Photonics Research, 2015, 3, 243.	7.0	17
152	Organic printed photonics: From microring lasers to integrated circuits. Science Advances, 2015, 1, e1500257.	10.3	172
153	Propagation of quantum signal in plasmonic waveguides. , 2015, , .		0
154	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
155	Guiding light through optical bound states in the continuum for ultrahighâ€Q microresonators. Laser and Photonics Reviews, 2015, 9, 114-119.	8.7	128
156	Ultralong distance coupling between deformed circular microcavities. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 478.	2.1	4
157	Route-asymmetrical optical transmission and logic gate based on optical gradient force. Optics Express, 2014, 22, 25947.	3.4	8
158	Optical Wavelength Filters Based on Photonic Confinement in Semiconductor Nanowire Homojunctions. Advanced Materials, 2014, 26, 620-624.	21.0	29
159	Strongly Coupled Magnons and Cavity Microwave Photons. Physical Review Letters, 2014, 113, 156401.	7.8	693
160	Extreme light confinement and low loss in triangle hybrid plasmonic waveguide. Optics Communications, 2014, 319, 141-146.	2.1	14
161	Independently analyzing different surface plasmon polariton modes on silver nanowire. Optics Express, 2014, 22, 23372.	3.4	5
162	Extremely Local Electric Field Enhancement and Light Confinement in Dielectric Waveguide. IEEE Photonics Technology Letters, 2014, 26, 1426-1429.	2.5	6

#	Article	IF	Citations
163	Broadband Plasmonic Absorber for Photonic Integrated Circuits. IEEE Photonics Technology Letters, 2014, 26, 1726-1729.	2.5	11
164	High-Visibility On-Chip Quantum Interference of Single Surface Plasmons. Physical Review Applied, 2014, 2, .	3.8	52
165	Nanowires: Optical Wavelength Filters Based on Photonic Confinement in Semiconductor Nanowire Homojunctions (Adv. Mater. 4/2014). Advanced Materials, 2014, 26, 663-663.	21.0	1
166	An Optimization Method of Asymmetric Resonant Cavities for Unidirectional Emission. Journal of Lightwave Technology, 2013, 31, 2994-2998.	4.6	9
167	On-chip ultrahigh-Q microcavities for highly unidirectional emission. , 2013, , .		0
168	Vector magnetic field sensing by a single nitrogen vacancy center in diamond. Europhysics Letters, 2013, 101, 67003.	2.0	19
169	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
170	Dynamic Process of Free Space Excitation of Asymmetric Resonant Microcavity. Journal of Lightwave Technology, 2013, 31, 1884-1889.	4.6	5
171	Silver nanowires for photonics applications. Laser and Photonics Reviews, 2013, 7, 901-919.	8.7	87
172	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
173	Selfâ€Assembled Organic Crystalline Microrings as Active Whisperingâ€Galleryâ€Mode Optical Resonators. Advanced Optical Materials, 2013, 1, 357-361.	7.3	47
174	Optical manipulation of the charge state of nitrogen-vacancy center in diamond. Applied Physics Letters, 2013, 103, .	3.3	51
175	Controlling deformation in a high quality factor silica microsphere toward single directional emission. Applied Optics, 2013, 52, 298.	1.8	9
176	Theory of free space coupling to high-Q whispering gallery modes. Optics Express, 2013, 21, 9982.	3.4	38
177	Efficient coupling between dielectric waveguide modes and exterior plasmon whispering gallery modes. Optics Express, 2013, 21, 31253.	3.4	4
178	Dielectric bow-tie nanocavity. Optics Letters, 2013, 38, 5311.	3.3	14
179	Photonic simulation of system-environment interaction: Non-Markovian processes and dynamical decoupling. Physical Review A, 2013, 88, .	2.5	21
180	Integrated polarization rotator/converter by stimulated Raman adiabatic passage. Optics Express, 2013, 21, 17097.	3.4	19

#	Article	IF	Citations
181	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
182	Perpendicular coupler for whispering-gallery resonators. Optics Letters, 2012, 37, 3123.	3.3	16
183	Broadband opto-mechanical phase shifter for photonic integrated circuits. Applied Physics Letters, 2012, 101, 071114.	3.3	30
184	Doubly and Triply Coupled Nanowire Antennas. Journal of Physical Chemistry C, 2012, 116, 23779-23784.	3.1	16
185	In-line high efficient fiber polarizer based on surface plasmon. Applied Physics Letters, 2012, 100, .	3.3	35
186	Highly Unidirectional Emission and Ultralowâ€Threshold Lasing from Onâ€Chip Ultrahighâ€Q Microcavities. Advanced Materials, 2012, 24, OP260-4, OP185.	21.0	112
187	Movable Fiber-Integrated Hybrid Plasmonic Waveguide on Metal Film. IEEE Photonics Technology Letters, 2012, 24, 434-436.	2.5	23
188	Experimental controlling of Fano resonance in indirectly coupled whispering-gallery microresonators. Applied Physics Letters, 2012, 100, .	3.3	112
189	Proposal for a near-field optomechanical system with enhanced linear and quadratic coupling. Physical Review A, 2012, 85, .	2.5	30
190	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
191	Temperature dependent energy level shifts of nitrogen-vacancy centers in diamond. Applied Physics Letters, 2011, 99, .	3.3	134
192	Exciton-plasmon-photon conversion in silver nanowire: Polarization dependence. Applied Physics Letters, 2011, 99, 061103.	3.3	22
193	Packaged silica microsphere-taper coupling system for robust thermal sensing application. Optics Express, 2011, 19, 5753.	3.4	108
194	Quick root searching method for resonances of dielectric optical microcavities with the boundary element method. Optics Express, 2011, 19, 15669.	3.4	26
195	Negative Goosâ€“HÃnchen shift on a concave dielectric interface. Optics Letters, 2011, 36, 624.	3.3	9
196	Broadband integrated polarization beam splitter with surface plasmon. Optics Letters, 2011, 36, 3630.	3.3	72
197	Broadband Enhancement of Light Harvesting in a Luminescent Solar Concentrator. IEEE Journal of Quantum Electronics, 2011, 47, 1171-1176.	1.9	5
198	Robust Spot-Packaged Microsphere-Taper Coupling Structure for In-Line Optical Sensors. IEEE Photonics Technology Letters, 2011, 23, 1736-1738.	2.5	34

#	Article	IF	Citations
199	Room-temperature steady-state optomechanical entanglement on a chip. Physical Review A, 2011, 84, .	2.5	24
200	Mechanism of directional emission from a peanut-shaped microcavity. Physical Review A, 2011, 83, .	2.5	7
201	Interference of surface plasmon polaritons from a â€œpointâ€•source. Applied Physics Letters, 2011, 98, 201113.	3.3	20
202	Experimental observation of Fano resonance in a single whispering-gallery microresonator. Applied Physics Letters, 2011, 98, .	3.3	115
203	Measurement of Ultra-Short Single-Photon Pulse Duration with Two-Photon Interference. Chinese Physics Letters, 2011, 28, 024203.	3.3	1
204	Asymmetric resonant cavities and their applications in optics and photonics: a review. Frontiers of Optoelectronics in China, 2010, 3, 109-124.	0.2	26
205	Observation of microlaser with Er-doped phosphate glass coated microsphere pumped by 780nm. Optics Communications, 2010, 283, 5117-5120.	2.1	30
206	A scheme of quantum repeaters with single atom and cavity-QED. Optics Communications, 2010, 283, 617-621.	2.1	2
207	Quantum electrodynamics in a whispering-gallery microcavity coated with a polymer nanolayer. Physical Review A, 2010, 81, .	2.5	15
208	High-Q silica microsphere by poly(methyl methacrylate) coating and modifying. Applied Physics Letters, 2010, 96, .	3.3	20
209	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
210	Plasmon modes of silver nanowire on a silica substrate. Applied Physics Letters, 2010, 97, .	3.3	85
211	é€šè¿‡é‡åç¸ä¸Žå¾®èŠ¯åœ†çŽ¯è…”å•æŽ§ä½²ç½®è€¦å•ä¤§ç”Ÿçš„å…‰è‡´è§£å…‰. Chinese Optics Letters, 2010, 8, 309.	2.7	2
212	High-Q nanoring surface plasmon microresonator. Journal of the Optical Society of America B: Optical Physics, 2010, 27, 2495.	2.1	19
213	Quantum bus of metal nanoring with surface plasmon polaritons. Physical Review B, 2010, 82, .	3.2	21
214	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
215	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
216	Low-threshold microlaser in a high-Q asymmetrical microcavity. Optics Letters, 2009, 34, 509.	3.3	47

#	Article	IF	Citations
217	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
218	Ringing phenomenon in silica microspheres. Chinese Optics Letters, 2009, 7, 299-301.	2.9	32
219	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
220	Mode coupling strength in a microsphere cavity coupled with fiber taper. , 2008, , .		0
221	Inherently directional lasing from a thermal-induced-deformation high-Q microcavity. , 2008, , .		0