

Xue Feng

List of Publications by Year in descending order

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168
papers

2,379
citations

201674

27
h-index

289244

40
g-index

170
all docs

170
docs citations

170
times ranked

2998
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated Cherenkov radiation emitter eliminating the electron velocity threshold. Nature Photonics, 2017, 11, 289-292.	31.4	137
2	Plant hydraulics accentuates the effect of atmospheric moisture stress on transpiration. Nature Climate Change, 2020, 10, 691-695.	18.8	108
3	Broadband light absorption enhancement in dye-sensitized solar cells with Au-Ag alloy popcorn nanoparticles. Scientific Reports, 2013, 3, 2112.	3.3	87
4	Giant optical gain in a single-crystal erbium chloride silicate nanowire. Nature Photonics, 2017, 11, 589-593.	31.4	69
5	Dynamic brain spectrum acquired by a real-time ultraspectral imaging chip with reconfigurable metasurfaces. Optica, 2022, 9, 461.	9.3	65
6	Encoding and decoding of orbital angular momentum for wireless optical interconnects on chip. Optics Express, 2012, 20, 26986.	3.4	62
7	Integrated photonic reservoir computing based on hierarchical time-multiplexing structure. Optics Express, 2014, 22, 31356.	3.4	49
8	Retrieval of the aerosol particle size distribution function by incorporating a priori information. Journal of Aerosol Science, 2007, 38, 885-901.	3.8	47
9	Beyond isohydricity: The role of environmental variability in determining plant drought responses. Plant, Cell and Environment, 2019, 42, 1104-1111.	5.7	47
10	Optimal stomatal drought response shaped by competition for water and hydraulic risk can explain plant trait covariation. New Phytologist, 2020, 225, 1206-1217.	7.3	46
11	Stochastic soil water balance under seasonal climates. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2015, 471, 20140623.	2.1	43
12	Regularized inversion method for retrieval of aerosol particle size distribution function in $W^{1,2}$ space. Applied Optics, 2006, 45, 7456.	2.1	41
13	Aluminum plasmonic nanoparticles enhanced dye sensitized solar cells. Optics Express, 2014, 22, A301.	3.4	40
14	Ultraspectral Imaging Based on Metasurfaces with Freeform Shaped Meta-Atoms. Laser and Photonics Reviews, 2022, 16, .	8.7	40
15	The effect of Si-nanocrystal size distribution on Raman spectrum. Journal of Applied Physics, 2011, 109, 083526.	2.5	39
16	The ecohydrological context of drought and classification of plant responses. Ecology Letters, 2018, 21, 1723-1736.	6.4	38
17	Tunable and Reconfigurable Bandstop Microwave Photonic Filter Based on Integrated Microrings and Mach-Zehnder Interferometer. Journal of Lightwave Technology, 2013, 31, 3668-3675.	4.6	37
18	Thermo-optic switch based on transmission-dip shifting in a double-slot photonic crystal waveguide. Applied Physics Letters, 2012, 100, .	3.3	36

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19	Reconciling seasonal hydraulic risk and plant water use through probabilistic soil-plant dynamics. <i>Global Change Biology</i> , 2017, 23, 3758-3769.	9.5	35
20	How competitive is drought deciduousness in tropical forests? A combined eco-hydrological and eco-evolutionary approach. <i>Environmental Research Letters</i> , 2017, 12, 065006.	5.2	35
21	Tunable and Reconfigurable Bandpass Microwave Photonic Filters Utilizing Integrated Optical Processor on Silicon-on-Insulator Substrate. <i>IEEE Photonics Technology Letters</i> , 2012, 24, 1502-1505.	2.5	33
22	Measuring the complex orbital angular momentum spectrum of light with a mode-matching method. <i>Optics Letters</i> , 2017, 42, 1080.	3.3	33
23	Integrated refractive index sensor based on hybrid coupler with short range surface plasmon polariton and dielectric waveguide. <i>Sensors and Actuators B: Chemical</i> , 2013, 186, 495-505.	7.8	32
24	Integrated photonic emitter with a wide switching range of orbital angular momentum modes. <i>Scientific Reports</i> , 2016, 6, 22512.	3.3	32
25	Optomechanical crystal nanobeam cavity with high optomechanical coupling rate. <i>Journal of Optics (United Kingdom)</i> , 2015, 17, 045001.	2.2	31
26	Quantifying Asynchronicity of Precipitation and Potential Evapotranspiration in Mediterranean Climates. <i>Geophysical Research Letters</i> , 2019, 46, 14692-14701.	4.0	31
27	Deep-ultraviolet Smith-Purcell radiation. <i>Optica</i> , 2019, 6, 592.	9.3	30
28	Strong Optomechanical Coupling in Nanobeam Cavities based on Hetero Optomechanical Crystals. <i>Scientific Reports</i> , 2015, 5, 15964.	3.3	29
29	Generating in-Plane Optical Orbital Angular Momentum Beams With Silicon Waveguides. <i>IEEE Photonics Journal</i> , 2013, 5, 2201206-2201206.	2.0	27
30	Two-surface-plasmon-polariton-absorption based nanolithography. <i>Applied Physics Letters</i> , 2013, 102, 063113.	3.3	27
31	Generating optical superimposed vortex beam with tunable orbital angular momentum using integrated devices. <i>Scientific Reports</i> , 2015, 5, 10958.	3.3	27
32	Opportunities, challenges and pitfalls in characterizing plant water-use strategies. <i>Functional Ecology</i> , 2022, 36, 24-37.	3.6	27
33	Wavelength and power dependence of injected C-band laser on pump conversion efficiency of L-band EDFA. <i>IEEE Photonics Technology Letters</i> , 2002, 14, 290-292.	2.5	25
34	An entanglement-based quantum network based on symmetric dispersive optics quantum key distribution. <i>APL Photonics</i> , 2020, 5, .	5.7	25
35	Improving spatial resolution in fiber Raman distributed temperature sensor by using deconvolution algorithm. <i>Chinese Optics Letters</i> , 2009, 7, 560-563.	2.9	24
36	A Compound Phase-Modulated Beam Splitter to Distinguish Both Spin and Orbital Angular Momentum. <i>ACS Photonics</i> , 2020, 7, 212-220.	6.6	24

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37	Identifying Orbital Angular Momentum of Vectorial Vortices with Pancharatnam Phase and Stokes Parameters. <i>Scientific Reports</i> , 2015, 5, 11982.	3.3	23
38	Microring bio-chemical sensor with integrated low dark current Ge photodetector. <i>Applied Physics Letters</i> , 2015, 106, .	3.3	23
39	Interannual variability of ecosystem iso/anisohdry is regulated by environmental dryness. <i>New Phytologist</i> , 2021, 229, 2562-2575.	7.3	23
40	Dynamically sculpturing plasmonic vortices: from integer to fractional orbital angular momentum. <i>Scientific Reports</i> , 2016, 6, 36269.	3.3	22
41	Climate Sensitivity of Peatland Methane Emissions Mediated by Seasonal Hydrologic Dynamics. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088875.	4.0	21
42	Hybrid Coupling Between Long-Range Surface Plasmon Polariton Mode and Dielectric Waveguide Mode. <i>Journal of Lightwave Technology</i> , 2011, 29, 1265-1273.	4.6	20
43	Identifying the tilt angle and correcting the orbital angular momentum spectrum dispersion of misaligned light beam. <i>Scientific Reports</i> , 2017, 7, 7873.	3.3	20
44	Inhomogeneous loss mechanism in multiwavelength fiber Raman ring lasers. <i>Optics Letters</i> , 2005, 30, 952.	3.3	19
45	Integrated optical add-drop multiplexer based on a compact parent-sub microring-resonator structure. <i>Optics Communications</i> , 2013, 289, 53-59.	2.1	18
46	Programmable holographic technique for implementing unitary and nonunitary transformations. <i>Physical Review A</i> , 2017, 95, .	2.5	18
47	Integrated sensor for ultra-thin layer sensing based on hybrid coupler with short-range surface plasmon polariton and dielectric waveguide. <i>Applied Physics Letters</i> , 2013, 102, 061109.	3.3	17
48	High-mechanical-frequency characteristics of optomechanical crystal cavity with coupling waveguide. <i>Scientific Reports</i> , 2016, 6, 34160.	3.3	17
49	Focus on tropical dry forest ecosystems and ecosystem services in the face of global change. <i>Environmental Research Letters</i> , 2018, 13, 090201.	5.2	17
50	Broadband source generated by stimulated Raman scattering and four-wave mixing in a highly nonlinear optical fiber ring cavity. <i>Optics Letters</i> , 2004, 29, 842.	3.3	16
51	Designing low transmission loss silicon slot waveguide at wavelength band of high material absorption. <i>Optics Communications</i> , 2013, 306, 131-134.	2.1	16
52	Compact Thermo-Optic Switch Based on Tapered W1 Photonic Crystal Waveguide. <i>IEEE Photonics Journal</i> , 2013, 5, 2200606-2200606.	2.0	16
53	Experimental demonstration of silicon slot waveguide with low transmission loss at 1064nm. <i>Optics Communications</i> , 2014, 329, 168-172.	2.1	16
54	Radiation-Pressure-Antidamping Enhanced Optomechanical Spring Sensing. <i>ACS Photonics</i> , 2018, 5, 4164-4169.	6.6	16

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55	A Simple Algorithm for Gain Spectrum Adjustment of Backward-Pumped Distributed Fiber Raman Amplifiers. IEEE Photonics Technology Letters, 2004, 16, 69-71.	2.5	15
56	Broadband switching functionality based on defect mode coupling in W2 photonic crystal waveguide. Applied Physics Letters, 2012, 101, 151110.	3.3	15
57	Low loss sharp photonic crystal waveguide bends. Optics Communications, 2015, 355, 209-212.	2.1	15
58	Optical lattice induced by angular momentum and polygonal plasmonic mode. Optics Letters, 2016, 41, 1478.	3.3	15
59	Vortex Smithâ€Purcell radiation generation with holographic grating. Photonics Research, 2020, 8, 1309.	7.0	15
60	Plasmonic Enhanced Optical Absorption in Organic Solar Cells With Metallic Nanoparticles. IEEE Photonics Journal, 2013, 5, 8400509-8400509.	2.0	14
61	Radially Polarized Orbital Angular Momentum Beam Emitter Based on Shallow-Ridge Silicon Microring Cavity. IEEE Photonics Journal, 2014, 6, 1-10.	2.0	14
62	Variable optical attenuator based on photonic crystal waveguide with low-group-index tapers. Applied Optics, 2013, 52, 6245.	1.8	13
63	Phonon lasing in a hetero optomechanical crystal cavity. Photonics Research, 2021, 9, 937.	7.0	13
64	Polarization-controllably launching localized cosine-Gauss beam with spatially varied metallic nano-apertures. Optics Express, 2019, 27, 22053.	3.4	13
65	Experimental investigation of an inhomogeneous loss and its influence on multiwavelength fiber lasers. Optics Letters, 2005, 30, 3033.	3.3	12
66	Compact Optical Add-Drop Multiplexers With Parent-Sub Ring Resonators on SOI Substrates. IEEE Photonics Technology Letters, 2013, 25, 1462-1465.	2.5	12
67	Two-surface-plasmon-polariton-absorption based lithography using 400â€nm femtosecond laser. Applied Physics Letters, 2014, 104, .	3.3	12
68	Integrated silicon modulator based on microring array assisted MZI. Optics Express, 2014, 22, 10550.	3.4	10
69	Designing gallium nitride slot waveguide operating within visible band. Optical and Quantum Electronics, 2015, 47, 3705-3713.	3.3	10
70	Integrated refractive index sensor using silicon slot waveguides. Applied Optics, 2017, 56, 3096.	2.1	10
71	Quantum secure ghost imaging. Physical Review A, 2018, 98, .	2.5	10
72	Universal linear optical operations on discrete phase-coherent spatial modes with a fixed and non-cascaded setup. Journal of Optics (United Kingdom), 2019, 21, 104003.	2.2	9

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73	Optimal management of cattle grazing in a seasonally dry tropical forest ecosystem under rainfall fluctuations. <i>Journal of Hydrology</i> , 2020, 588, 125102.	5.4	9
74	A simple control algorithm for wide-band channel-power clamped EDFA. <i>Optics Communications</i> , 2002, 213, 285-292.	2.1	8
75	Compact temperature-insensitive modulator based on a silicon microring assistant Mach-Zehnder interferometer. <i>Chinese Physics B</i> , 2012, 21, 124203.	1.4	8
76	Fabrication of high-aspect-ratio double-slot photonic crystal waveguide in InP heterostructure by inductively coupled plasma etching using ultra-low pressure. <i>AIP Advances</i> , 2013, 3, .	1.3	8
77	Exploration of Electrical and Novel Optical Chip-to-Chip Interconnects. <i>IEEE Design and Test</i> , 2014, 31, 28-35.	1.2	8
78	Extending the Frequency Range of Surface Plasmon Polariton Mode with Meta-Material. <i>Nano-Micro Letters</i> , 2017, 9, 9.	27.0	8
79	Programmable Coherent Linear Quantum Operations with High-Dimensional Optical Spatial Modes. <i>Physical Review Applied</i> , 2020, 14, .	3.8	8
80	Marching in step: The importance of matching model complexity to data availability in terrestrial biosphere models. <i>Global Change Biology</i> , 2020, 26, 3190-3192.	9.5	8
81	Cherenkov radiation generated in hexagonal boron nitride using extremely low-energy electrons. <i>Nanophotonics</i> , 2020, 9, 1491-1499.	6.0	8
82	Numerical solution of surface plasmon polariton mode propagating on spatially periodic metal-dielectric interface. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2009, 26, B11.	2.1	7
83	Calculated plasmonic enhancement of spontaneous emission from silicon nanocrystals with metallic gratings. <i>Optics Communications</i> , 2010, 283, 2758-2761.	2.1	7
84	Spontaneous Emission Rate Enhancement of Silicon Nanocrystals by Plasmonic Bandgap on Copper Grating. <i>Journal of Lightwave Technology</i> , 2010, 28, 1420-1430.	4.6	7
85	Impact of spectral broadening on plasmonic enhancement with metallic gratings. <i>Applied Physics Letters</i> , 2012, 101, 121102.	3.3	7
86	Ultralow Propagation Loss Slot-Waveguide in High Absorption Active Material. <i>IEEE Photonics Journal</i> , 2014, 6, 1-6.	2.0	7
87	Silicon Slot Waveguides With Low Transmission and Bending Losses at 1064 nm. <i>IEEE Photonics Technology Letters</i> , 2016, 28, 19-22.	2.5	7
88	Free electrons excited SPASER. <i>Optics Express</i> , 2018, 26, 31402.	3.4	7
89	All-optical image identification with programmable matrix transformation. <i>Optics Express</i> , 2021, 29, 26474.	3.4	7
90	Hetero-Optomechanical Crystal Zipper Cavity for Multimode Optomechanics. <i>Photonics</i> , 2022, 9, 78.	2.0	7

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91	Correlated Photon Pair Generation in Silicon Wire Waveguides at 1.5 μ m. Chinese Physics Letters, 2010, 27, 124208.	3.3	6
92	Photonic Crystal Nanobeam Cavity With Stagger Holes for Ultrafast Directly Modulated Nano-Light-Emitting Diodes. IEEE Photonics Journal, 2013, 5, 4700306-4700306.	2.0	6
93	Measuring the orbital angular momentum spectrum with a single point detector. Optics Letters, 2018, 43, 4607.	3.3	6
94	Plant hydraulic transport controls transpiration sensitivity to soil water stress. Hydrology and Earth System Sciences, 2021, 25, 4259-4274.	4.9	6
95	Dynamically Gain Control in the Serial Structure Wide-Band EDFA. IEEE Photonics Technology Letters, 2004, 16, 87-89.	2.5	5
96	Annealing effects on the size of Si-nanocrystals embedded in bulk SiO ₂ . Journal of Crystal Growth, 2011, 316, 191-195.	1.5	5
97	Progress in integrated devices for optical vortex emission. Journal Physics D: Applied Physics, 2020, 53, 303002.	2.8	5
98	Tunable mechanical-mode coupling based on nanobeam-double optomechanical cavities. Photonics Research, 2022, 10, 1819.	7.0	5
99	Internal quantum efficiency enhancement of silicon nanocrystals using double layer Au-rich cermet films. Optics Communications, 2010, 283, 2754-2757.	2.1	4
100	Spectral broadening effects of spontaneous emission and density of state on plasmonic enhancement in cermet waveguides. Optics Express, 2013, 21, 431.	3.4	4
101	Eight-Channel Optical Add-Drop Multiplexer With Cascaded Parent-Sub Microring Resonators. IEEE Photonics Journal, 2015, 7, 1-7.	2.0	4
102	Ecohydrological controls on plant diversity in tropical South America. Ecohydrology, 2017, 10, e1853.	2.4	4
103	Simulation of 60-GHz microwave photonic filters based on serially coupled silicon microring resonators. Chinese Optics Letters, 2012, 10, 021302-21305.	2.9	4
104	Ultra-compact variable optical attenuator based on slow light photonic crystal waveguide. Chinese Optics Letters, 2013, 11, 031301-31304.	2.9	4
105	Intra-specific Variability in Plant Hydraulic Parameters Inferred From Model Inversion of Sap Flux Data. Journal of Geophysical Research G: Biogeosciences, 2022, 127, .	3.0	4
106	Reconfigurable microwave photonic filter based on parallel-cascaded microrings assisted with a Mach-Zehnder interferometer. Journal of Optics (United Kingdom), 2012, 14, 065502.	2.2	3
107	Efficiency Enhancement in Organic Solar Cells With Extended Resonance Spectrum of Localized Surface Plasmon. IEEE Photonics Journal, 2013, 5, 8400307-8400307.	2.0	3
108	Horizontally slotted photonic crystal nanobeam cavity with embedded active nanopillars for ultrafast direct modulation. Chinese Physics B, 2013, 22, 094209.	1.4	3

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109	Broadband thermo-optic switch based on a W2 photonic crystal waveguide. , 2013, , .		3
110	Compact and Broadband 1 Å— 4 Optical Switch Based on W2 Photonic Crystal Waveguides. IEEE Photonics Journal, 2016, 8, 1-9.	2.0	3
111	Understory evapotranspiration rates in a coast redwood forest. Ecohydrology, 2022, 15, .	2.4	3
112	Weighted nonlinear phase shift with group velocity dispersion to assess the nonlinear penalty in C+L band long-haul fiber optical amplified transmission link. Chinese Optics Letters, 2008, 6, 483-486.	2.9	2
113	Raman-based distributed temperature sensor using a 1.66¼m ring type Q-switched fiber laser with adjustable pulsewidth. , 2008, , .		2
114	Bi-directional dual-wavelength Brillouin lasing in a hybrid fiber ring cavity. Optics Communications, 2009, 282, 2990-2994.	2.1	2
115	Dynamic index modulation mechanism in polarization-maintained fiber Bragg gratings induced by transverse acoustic waves. Applied Optics, 2009, 48, 4709.	2.1	2
116	Carrier suppression in quadruple frequency modulation by cascaded optical external modulators for millimeter-wave generation. Chinese Optics Letters, 2009, 7, 188-190.	2.9	2
117	Spontaneous emission rate enhancement of nano-structured silicon by surface plasmon polariton. Frontiers of Optoelectronics, 2012, 5, 51-62.	3.7	2
118	Integrated emitters for optical vortices with a cobweb structure. , 2015, , .		2
119	Comment on "High Gain Submicrometer Optical Amplifier at Near-Infrared Communication Band". Physical Review Letters, 2016, 117, 219701.	7.8	2
120	Orbital angular momentum induced by nonabsorbing optical elements through space-variant polarization-state manipulations. Physical Review A, 2018, 98, .	2.5	2
121	Generating heralded single photons with a switchable orbital angular momentum mode. Photonics Research, 2021, 9, 1865.	7.0	2
122	Investigation of dynamical pump control for backward-pumped fiber Raman amplifiers. Optics Communications, 2005, 245, 211-225.	2.1	1
123	Tunable and reconfigurable microwave photonic filter based on cascaded modulation for multi-taps generation. Optics Communications, 2009, 282, 4497-4502.	2.1	1
124	Si-Nanocrystals with Bimodal Size Distribution in Evenly Annealed SiO Revealed with Raman Scattering. Chinese Physics Letters, 2012, 29, 016402.	3.3	1
125	Small-feature-size Etching of InP/InGaAsP by inductively coupled plasma at ultra-low pressure. , 2012, , .		1
126	Ultra-compact and broadband 1 Å—4 thermo-optic switch based on W2 photonic crystal waveguides. , 2015, , .		1

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127	Silicon Slot Waveguide with Low Transmission and Bending Loss at $\sim 1.1\mu\text{m}$. , 2015, , .		1
128	Record-High Optical Gain in a Single Crystal Erbium Chloride Silicate Nanowire at 1532 nm. , 2016, , .		1
129	Optical fiber sensor based on the short-range surface plasmon polariton mode. Chinese Optics Letters, 2014, 12, 010602-10605.	2.9	1
130	Optomechanical Nanobeam Cavity with High Q Factor due to Optical Spring Effect in Ambient Environment. , 2017, , .		1
131	A Short-Pulsed MOPA Source and Its Application in Distributed Optical Fiber Raman Temperature Sensing System. , 2007, , .		0
132	Optical generation of millimeter-wave by using external quadruple-frequency modulation technique. , 2007, , .		0
133	Quadruple-frequency millimeter-wave generation using second-order rational harmonic mode-locking technique. Chinese Optics Letters, 2008, 6, 588-590.	2.9	0
134	Effective generation of optical quadruple frequency millimeter-wave based on fiber laser using injection rational harmonic mode-locked technique. Chinese Optics Letters, 2009, 7, 605-607.	2.9	0
135	Frequency locking, quasiperiodicity, and chaos in dual-frequency loss-modulated erbium-doped fiber lasers. Chinese Optics Letters, 2009, 7, 699-702.	2.9	0
136	Reduction of Lossy Surface Waves in a Double Metal Films Structure. Journal of Nanoscience and Nanotechnology, 2010, 10, 7175-7178.	0.9	0
137	Layer-thickness-dependent formation of Si-nanocrystals embedded in amorphous Si/SiO ₂ multilayers. , 2010, , .		0
138	Modeling of silicon-nanocrystal formation in amorphous silicon/silicon dioxide multilayer structure. Chinese Optics Letters, 2010, 8, 1199-1202.	2.9	0
139	Layer-thickness-dependent formation of Si-nanocrystals embedded in amorphous Si/SiO ₂ multilayers. , 2010, , .		0
140	Broadband switching functionality of W2 photonic crystal waveguide. , 2012, , .		0
141	Impact of emission broadening on plasmonic enhancement with metallic gratings. Proceedings of SPIE, 2012, , .	0.8	0
142	Plasmonic enhancement of spontaneous emission from wide-linewidth emitters with nanostrip metallic waveguide. Journal of Applied Physics, 2013, 114, 053105.	2.5	0
143	InP heterostructure photonic crystal waveguide fabricated by high-aspect-ratio ICP etching. , 2013, , .		0
144	Design and Fabrication of Optomechanical Crystal Nanobeam Cavity with High Optomechanical Coupling Rate. , 2014, , .		0

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145	Tunable silicon slot micro-ring operating at 1000nm. , 2015, , .		0
146	Integrated Photonic Reservoir Computing based on Hierarchical Time-multiplexing Structure. , 2015, , .		0
147	Novel optoelectronic characteristics from manipulating general energy-bands by nanostructures. Frontiers of Optoelectronics, 2016, 9, 151-159.	3.7	0
148	Demonstration of hetero optomechanical crystal nanobeam cavities with high mechanical frequency. , 2016, , .		0
149	Single-crystal erbium chloride silicate nanowires with internal net gain larger than 300 dB/cm. , 2016, , .		0
150	Integrated nanophotonic devices for optical interconnections. Proceedings of SPIE, 2016, , .	0.8	0
151	Coupling structure for silicon slot waveguide operating at 1064nm. Optics Communications, 2016, 359, 129-134.	2.1	0
152	Integrated High-Q Optomechanical Nanobeam Cavity for Refractive Index Sensing. , 2018, , .		0
153	Integrated Photonic OAM Emitter with Wide Tuning Range. , 2018, , .		0
154	High-dimensional linear operation for phase-coherent spatial modes. , 2018, , .		0
155	Multidimensional Quantum State Tomography with Compressed Sensing Method. , 2019, , .		0
156	Thermo-Optic Switch based on Double-Slot Photonic Crystal Waveguide. , 2012, , .		0
157	Plasmonic Enhancement of Wide-linewidth Emitters with Nanostrip Metallic Waveguide. , 2013, , .		0
158	Silicon optical switch based on a tapered W1 photonic crystal waveguide with thermo-optic effect. , 2013, , .		0
159	Surface plasmon-enhanced amorphous-silicon-nitride light emission with single-layer gold waveguides. Chinese Optics Letters, 2013, 11, 022401-22403.	2.9	0
160	On-chip identifying topology charges of OAM beams with multi-beam interference. , 2013, , .		0
161	Electrically Tuned Optical Add-Drop Multiplexers based on Parent-Sub Microring Structure on SOI Substrates. , 2014, , .		0
162	Strong Optomechanical Coupling in a Nanobeam Cavity based on Hetero Optomechanical Crystals. , 2014, , .		0

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163	Optomechanical Crystal Cavity with Ultra-small Effective Motion Mass based on Split-nanobeam Structure. , 2015, , .		0
164	Manipulating Plasmonic Vortices with Metallic Grooved-Slit. , 2016, , .		0
165	On-chip Integrated Cherenkov Radiation Emitter. , 2017, , .		0
166	Linear optical transformation with quasi-angle states and quasi-orbital angular momentum states. , 2017, , .		0
167	Tunable Localized Cosine-Gauss Beam generation through polarization control. , 2019, , .		0
168	On-chip Distinguishable Beam Splitter of Both Spin & Orbital Angular Momentum of Light with Plasmonic NanoSlits Array. , 2020, , .		0