

Xue Feng

List of Publications by Year in descending order

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168
papers

2,379
citations

201674

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h-index

289244

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170
all docs

170
docs citations

170
times ranked

2998
citing authors

#	ARTICLE	IF	CITATIONS
1	Opportunities, challenges and pitfalls in characterizing plant water-use strategies. <i>Functional Ecology</i> , 2022, 36, 24-37.	3.6	27
2	Hetero-Optomechanical Crystal Zipper Cavity for Multimode Optomechanics. <i>Photonics</i> , 2022, 9, 78.	2.0	7
3	Understory evapotranspiration rates in a coast redwood forest. <i>Ecohydrology</i> , 2022, 15, .	2.4	3
4	Dynamic brain spectrum acquired by a real-time ultraspectral imaging chip with reconfigurable metasurfaces. <i>Optica</i> , 2022, 9, 461.	9.3	65
5	Intra-specific Variability in Plant Hydraulic Parameters Inferred From Model Inversion of Sap Flux Data. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2022, 127, .	3.0	4
6	Tunable mechanical-mode coupling based on nanobeam-double optomechanical cavities. <i>Photonics Research</i> , 2022, 10, 1819.	7.0	5
7	Ultraspectral Imaging Based on Metasurfaces with Freeform Shaped Meta-Atoms. <i>Laser and Photonics Reviews</i> , 2022, 16, .	8.7	40
8	Interannual variability of ecosystem iso/anisohdry is regulated by environmental dryness. <i>New Phytologist</i> , 2021, 229, 2562-2575.	7.3	23
9	Phonon lasing in a hetero optomechanical crystal cavity. <i>Photonics Research</i> , 2021, 9, 937.	7.0	13
10	Plant hydraulic transport controls transpiration sensitivity to soil water stress. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 4259-4274.	4.9	6
11	All-optical image identification with programmable matrix transformation. <i>Optics Express</i> , 2021, 29, 26474.	3.4	7
12	Generating heralded single photons with a switchable orbital angular momentum mode. <i>Photonics Research</i> , 2021, 9, 1865.	7.0	2
13	Optimal stomatal drought response shaped by competition for water and hydraulic risk can explain plant trait covariation. <i>New Phytologist</i> , 2020, 225, 1206-1217.	7.3	46
14	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
15	An entanglement-based quantum network based on symmetric dispersive optics quantum key distribution. <i>APL Photonics</i> , 2020, 5, .	5.7	25
16	Programmable Coherent Linear Quantum Operations with High-Dimensional Optical Spatial Modes. <i>Physical Review Applied</i> , 2020, 14, .	3.8	8
17	Climate Sensitivity of Peatland Methane Emissions Mediated by Seasonal Hydrologic Dynamics. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088875.	4.0	21
18	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

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19	Plant hydraulics accentuates the effect of atmospheric moisture stress on transpiration. <i>Nature Climate Change</i> , 2020, 10, 691-695.	18.8	108
20	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
21	Progress in integrated devices for optical vortex emission. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 303002.	2.8	5
22	Vortex Smithâ€™Purcell radiation generation with holographic grating. <i>Photonics Research</i> , 2020, 8, 1309.	7.0	15
23	Cherenkov radiation generated in hexagonal boron nitride using extremely low-energy electrons. <i>Nanophotonics</i> , 2020, 9, 1491-1499.	6.0	8
24	On-chip Distinguishable Beam Splitter of Both Spin & Orbital Angular Momentum of Light with Plasmonic NanoSlits Array. , 2020, , .		0
25	Universal linear optical operations on discrete phase-coherent spatial modes with a fixed and non-cascaded setup. <i>Journal of Optics (United Kingdom)</i> , 2019, 21, 104003.	2.2	9
26	Multidimensional Quantum State Tomography with Compressed Sensing Method. , 2019, , .		0
27	Quantifying Asynchronicity of Precipitation and Potential Evapotranspiration in Mediterranean Climates. <i>Geophysical Research Letters</i> , 2019, 46, 14692-14701.	4.0	31
28	Beyond isohydrlicity: The role of environmental variability in determining plant drought responses. <i>Plant, Cell and Environment</i> , 2019, 42, 1104-1111.	5.7	47
29	Polarization-controllably launching localized cosine-Gauss beam with spatially varied metallic nano-apertures. <i>Optics Express</i> , 2019, 27, 22053.	3.4	13
30	Deep-ultraviolet Smithâ€™Purcell radiation. <i>Optica</i> , 2019, 6, 592.	9.3	30
31	Tunable Localized Cosine-Gauss Beam generation through polarization control. , 2019, , .		0
32	Free electrons excited SPASER. <i>Optics Express</i> , 2018, 26, 31402.	3.4	7
33	Integrated High-Q Optomechanical Nanobeam Cavity for Refractive Index Sensing. , 2018, , .		0
34	Integrated Photonic OAM Emitter with Wide Tuning Range. , 2018, , .		0
35	High-dimensional linear operation for phase-coherent spatial modes. , 2018, , .		0
36	Quantum secure ghost imaging. <i>Physical Review A</i> , 2018, 98, .	2.5	10

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37	Orbital angular momentum induced by nonabsorbing optical elements through space-variant polarization-state manipulations. <i>Physical Review A</i> , 2018, 98, .	2.5	2
38	Radiation-Pressure-Antidamping Enhanced Optomechanical Spring Sensing. <i>ACS Photonics</i> , 2018, 5, 4164-4169.	6.6	16
39	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
40	Measuring the orbital angular momentum spectrum with a single point detector. <i>Optics Letters</i> , 2018, 43, 4607.	3.3	6
41	The ecohydrological context of drought and classification of plant responses. <i>Ecology Letters</i> , 2018, 21, 1723-1736.	6.4	38
42	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
43	Integrated Cherenkov radiation emitter eliminating the electron velocity threshold. <i>Nature Photonics</i> , 2017, 11, 289-292.	31.4	137
44	Programmable holographic technique for implementing unitary and nonunitary transformations. <i>Physical Review A</i> , 2017, 95, .	2.5	18
45	Ecohydrological controls on plant diversity in tropical South America. <i>Ecohydrology</i> , 2017, 10, e1853.	2.4	4
46	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
47	Giant optical gain in a single-crystal erbium chloride silicate nanowire. <i>Nature Photonics</i> , 2017, 11, 589-593.	31.4	69
48	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
49	Extending the Frequency Range of Surface Plasmon Polariton Mode with Meta-Material. <i>Nano-Micro Letters</i> , 2017, 9, 9.	27.0	8
50	Integrated refractive index sensor using silicon slot waveguides. <i>Applied Optics</i> , 2017, 56, 3096.	2.1	10
51	Measuring the complex orbital angular momentum spectrum of light with a mode-matching method. <i>Optics Letters</i> , 2017, 42, 1080.	3.3	33
52	On-chip Integrated Cherenkov Radiation Emitter. , 2017, , .		0
53	Optomechanical Nanobeam Cavity with High Q Factor due to Optical Spring Effect in Ambient Environment. , 2017, , .		1
54	Linear optical transformation with quasi-angle states and quasi-orbital angular momentum states. , 2017, , .		0

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55	Dynamically sculpturing plasmonic vortices: from integer to fractional orbital angular momentum. Scientific Reports, 2016, 6, 36269.	3.3	22
56	Novel optoelectronic characteristics from manipulating general energy-bands by nanostructures. Frontiers of Optoelectronics, 2016, 9, 151-159.	3.7	0
57	Optical lattice induced by angular momentum and polygonal plasmonic mode. Optics Letters, 2016, 41, 1478.	3.3	15
58	Demonstration of hetero optomechanical crystal nanobeam cavities with high mechanical frequency. , 2016, , .		0
59	Comment on "High Gain Submicrometer Optical Amplifier at Near-Infrared Communication Band". Physical Review Letters, 2016, 117, 219701.	7.8	2
60	High-mechanical-frequency characteristics of optomechanical crystal cavity with coupling waveguide. Scientific Reports, 2016, 6, 34160.	3.3	17
61	Compact and Broadband 1 Å— 4 Optical Switch Based on W2 Photonic Crystal Waveguides. IEEE Photonics Journal, 2016, 8, 1-9.	2.0	3
62	Integrated photonic emitter with a wide switching range of orbital angular momentum modes. Scientific Reports, 2016, 6, 22512.	3.3	32
63	Single-crystal erbium chloride silicate nanowires with internal net gain larger than 300 dB/cm. , 2016, , .		0
64	Integrated nanophotonic devices for optical interconnections. Proceedings of SPIE, 2016, , .	0.8	0
65	Silicon Slot Waveguides With Low Transmission and Bending Losses at 1064 nm. IEEE Photonics Technology Letters, 2016, 28, 19-22.	2.5	7
66	Coupling structure for silicon slot waveguide operating at 1064nm. Optics Communications, 2016, 359, 129-134.	2.1	0
67	Record-High Optical Gain in a Single Crystal Erbium Chloride Silicate Nanowire at 1532 nm. , 2016, , .		1
68	Manipulating Plasmonic Vortices with Metallic Grooved-Slit. , 2016, , .		0
69	Tunable silicon slot micro-ring operating at 1000nm. , 2015, , .		0
70	Strong Optomechanical Coupling in Nanobeam Cavities based on Hetero Optomechanical Crystals. Scientific Reports, 2015, 5, 15964.	3.3	29
71	Integrated Photonic Reservoir Computing based on Hierarchical Time-multiplexing Structure. , 2015, , .		0
72	Ultra-compact and broadband 1Å—4 thermo-optic switch based on W2 photonic crystal waveguides. , 2015, , .		1

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73	Integrated emitters for optical vortices with a Si_3N_4 structure. , 2015, , .		2
74	Stochastic soil water balance under seasonal climates. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2015, 471, 20140623.	2.1	43
75	Optomechanical crystal nanobeam cavity with high optomechanical coupling rate. Journal of Optics (United Kingdom), 2015, 17, 045001.	2.2	31
76	Designing gallium nitride slot waveguide operating within visible band. Optical and Quantum Electronics, 2015, 47, 3705-3713.	3.3	10
77	Generating optical superimposed vortex beam with tunable orbital angular momentum using integrated devices. Scientific Reports, 2015, 5, 10958.	3.3	27
78	Low loss sharp photonic crystal waveguide bends. Optics Communications, 2015, 355, 209-212.	2.1	15
79	Identifying Orbital Angular Momentum of Vectorial Vortices with Pancharatnam Phase and Stokes Parameters. Scientific Reports, 2015, 5, 11982.	3.3	23
80	Eight-Channel Optical Add-Drop Multiplexer With Cascaded Parent-Sub Microring Resonators. IEEE Photonics Journal, 2015, 7, 1-7.	2.0	4
81	Microring bio-chemical sensor with integrated low dark current Ge photodetector. Applied Physics Letters, 2015, 106, .	3.3	23
82	Silicon Slot Waveguide with Low Transmission and Bending Loss at $\sim 1.5\ \mu\text{m}$. , 2015, , .		1
83	Optomechanical Crystal Cavity with Ultra-small Effective Motion Mass based on Split-nanobeam Structure. , 2015, , .		0
84	Radially Polarized Orbital Angular Momentum Beam Emitter Based on Shallow-Ridge Silicon Microring Cavity. IEEE Photonics Journal, 2014, 6, 1-10.	2.0	14
85	Ultralow Propagation Loss Slot-Waveguide in High Absorption Active Material. IEEE Photonics Journal, 2014, 6, 1-6.	2.0	7
86	Exploration of Electrical and Novel Optical Chip-to-Chip Interconnects. IEEE Design and Test, 2014, 31, 28-35.	1.2	8
87	Integrated silicon modulator based on microring array assisted MZI. Optics Express, 2014, 22, 10550.	3.4	10
88	Integrated photonic reservoir computing based on hierarchical time-multiplexing structure. Optics Express, 2014, 22, 31356.	3.4	49
89	Design and Fabrication of Optomechanical Crystal Nanobeam Cavity with High Optomechanical Coupling Rate. , 2014, , .		0
90	Two-surface-plasmon-polariton-absorption based lithography using 400-nm femtosecond laser. Applied Physics Letters, 2014, 104, .	3.3	12

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91	Experimental demonstration of silicon slot waveguide with low transmission loss at 1064nm. Optics Communications, 2014, 329, 168-172.	2.1	16
92	Aluminum plasmonic nanoparticles enhanced dye sensitized solar cells. Optics Express, 2014, 22, A301.	3.4	40
93	Optical fiber sensor based on the short-range surface plasmon polariton mode. Chinese Optics Letters, 2014, 12, 010602-10605.	2.9	1
94	Electrically Tuned Optical Add-Drop Multiplexers based on Parent-Sub Microring Structure on SOI Substrates. , 2014, , .		0
95	Strong Optomechanical Coupling in a Nanobeam Cavity based on Hetero Optomechanical Crystals. , 2014, , .		0
96	Broadband light absorption enhancement in dye-sensitized solar cells with Au-Ag alloy popcorn nanoparticles. Scientific Reports, 2013, 3, 2112.	3.3	87
97	Plasmonic enhancement of spontaneous emission from wide-linewidth emitters with nanostrip metallic waveguide. Journal of Applied Physics, 2013, 114, 053105.	2.5	0
98	Integrated refractive index sensor based on hybrid coupler with short range surface plasmon polariton and dielectric waveguide. Sensors and Actuators B: Chemical, 2013, 186, 495-505.	7.8	32
99	Generating in-Plane Optical Orbital Angular Momentum Beams With Silicon Waveguides. IEEE Photonics Journal, 2013, 5, 2201206-2201206.	2.0	27
100	InP heterostructure photonic crystal waveguide fabricated by high-aspect-ratio ICP etching. , 2013, , .		0
101	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
102	Compact Optical Add-Drop Multiplexers With Parent-Sub Ring Resonators on SOI Substrates. IEEE Photonics Technology Letters, 2013, 25, 1462-1465.	2.5	12
103	Designing low transmission loss silicon slot waveguide at wavelength band of high material absorption. Optics Communications, 2013, 306, 131-134.	2.1	16
104	Compact Thermo-Optic Switch Based on Tapered W1 Photonic Crystal Waveguide. IEEE Photonics Journal, 2013, 5, 2200606-2200606.	2.0	16
105	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
106	Two-surface-plasmon-polariton-absorption based nanolithography. Applied Physics Letters, 2013, 102, 063113.	3.3	27
107	Integrated optical add-drop multiplexer based on a compact parent-sub microring-resonator structure. Optics Communications, 2013, 289, 53-59.	2.1	18
108	Plasmonic Enhanced Optical Absorption in Organic Solar Cells With Metallic Nanoparticles. IEEE Photonics Journal, 2013, 5, 8400509-8400509.	2.0	14

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109	Variable optical attenuator based on photonic crystal waveguide with low-group-index tapers. Applied Optics, 2013, 52, 6245.	1.8	13
110	Spectral broadening effects of spontaneous emission and density of state on plasmonic enhancement in cermet waveguides. Optics Express, 2013, 21, 431.	3.4	4
111	Efficiency Enhancement in Organic Solar Cells With Extended Resonance Spectrum of Localized Surface Plasmon. IEEE Photonics Journal, 2013, 5, 8400307-8400307.	2.0	3
112	Horizontally slotted photonic crystal nanobeam cavity with embedded active nanopillars for ultrafast direct modulation. Chinese Physics B, 2013, 22, 094209.	1.4	3
113	Integrated sensor for ultra-thin layer sensing based on hybrid coupler with short-range surface plasmon polariton and dielectric waveguide. Applied Physics Letters, 2013, 102, 061109.	3.3	17
114	Broadband thermo-optic switch based on a W2 photonic crystal waveguide. , 2013, , .		3
115	Fabrication of high-aspect-ratio double-slot photonic crystal waveguide in InP heterostructure by inductively coupled plasma etching using ultra-low pressure. AIP Advances, 2013, 3, .	1.3	8
116	Ultra-compact variable optical attenuator based on slow light photonic crystal waveguide. Chinese Optics Letters, 2013, 11, 031301-31304.	2.9	4
117	Plasmonic Enhancement of Wide-linewidth Emitters with Nanostrip Metallic Waveguide. , 2013, , .		0
118	Silicon optical switch based on a tapered W1 photonic crystal waveguide with thermo-optic effect. , 2013, , .		0
119	Surface plasmon-enhanced amorphous-silicon-nitride light emission with single-layer gold waveguides. Chinese Optics Letters, 2013, 11, 022401-22403.	2.9	0
120	On-chip identifying topology charges of OAM beams with multi-beam interference. , 2013, , .		0
121	Si-Nanocrystals with Bimodal Size Distribution in Evenly Annealed SiO Revealed with Raman Scattering. Chinese Physics Letters, 2012, 29, 016402.	3.3	1
122	Compact temperature-insensitive modulator based on a silicon microring assistant Mach-Zehnder interferometer. Chinese Physics B, 2012, 21, 124203.	1.4	8
123	Encoding and decoding of orbital angular momentum for wireless optical interconnects on chip. Optics Express, 2012, 20, 26986.	3.4	62
124	Broadband switching functionality based on defect mode coupling in W2 photonic crystal waveguide. Applied Physics Letters, 2012, 101, 151110.	3.3	15
125	Small-feature-size Etching of InP/InGaAsP by inductively coupled plasma at ultra-low pressure. , 2012, , .		1
126	Broadband switching functionality of W2 photonic crystal waveguide. , 2012, , .		0

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127	Tunable and Reconfigurable Bandpass Microwave Photonic Filters Utilizing Integrated Optical Processor on Silicon-on-Insulator Substrate. IEEE Photonics Technology Letters, 2012, 24, 1502-1505.	2.5	33
128	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
129	Impact of emission broadening on plasmonic enhancement with metallic gratings. Proceedings of SPIE, 2012, , .	0.8	0
130	Impact of spectral broadening on plasmonic enhancement with metallic gratings. Applied Physics Letters, 2012, 101, 121102.	3.3	7
131	Thermo-optic switch based on transmission-dip shifting in a double-slot photonic crystal waveguide. Applied Physics Letters, 2012, 100, .	3.3	36
132	Spontaneous emission rate enhancement of nano-structured silicon by surface plasmon polariton. Frontiers of Optoelectronics, 2012, 5, 51-62.	3.7	2
133	Simulation of 60-GHz microwave photonic filters based on serially coupled silicon microring resonators. Chinese Optics Letters, 2012, 10, 021302-21305.	2.9	4
134	Thermo-Optic Switch based on Double-Slot Photonic Crystal Waveguide. , 2012, , .		0
135	Hybrid Coupling Between Long-Range Surface Plasmon Polariton Mode and Dielectric Waveguide Mode. Journal of Lightwave Technology, 2011, 29, 1265-1273.	4.6	20
136	The effect of Si-nanocrystal size distribution on Raman spectrum. Journal of Applied Physics, 2011, 109, 083526.	2.5	39
137	Annealing effects on the size of Si-nanocrystals embedded in bulk SiO ₂ . Journal of Crystal Growth, 2011, 316, 191-195.	1.5	5
138	Reduction of Lossy Surface Waves in a Double Metal Films Structure. Journal of Nanoscience and Nanotechnology, 2010, 10, 7175-7178.	0.9	0
139	Layer-thickness-dependent formation of Si-nanocrystals embedded in amorphous Si/SiO ₂ multilayers. , 2010, , .		0
140	Internal quantum efficiency enhancement of silicon nanocrystals using double layer Au-rich cermet films. Optics Communications, 2010, 283, 2754-2757.	2.1	4
141	Calculated plasmonic enhancement of spontaneous emission from silicon nanocrystals with metallic gratings. Optics Communications, 2010, 283, 2758-2761.	2.1	7
142	Correlated Photon Pair Generation in Silicon Wire Waveguides at 1.5 μ m. Chinese Physics Letters, 2010, 27, 124208.	3.3	6
143	Modeling of silicon-nanocrystal formation in amorphous silicon/silicon dioxide multilayer structure. Chinese Optics Letters, 2010, 8, 1199-1202.	2.9	0
144	Spontaneous Emission Rate Enhancement of Silicon Nanocrystals by Plasmonic Bandgap on Copper Grating. Journal of Lightwave Technology, 2010, 28, 1420-1430.	4.6	7

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145	Layer-thickness-dependent formation of Si-nanocrystals embedded in amorphous Si/SiO ₂ multilayers. , 2010, , .		0
146	Bi-directional dual-wavelength Brillouin lasing in a hybrid fiber ring cavity. Optics Communications, 2009, 282, 2990-2994.	2.1	2
147	Tunable and reconfigurable microwave photonic filter based on cascaded modulation for multi-taps generation. Optics Communications, 2009, 282, 4497-4502.	2.1	1
148	Numerical solution of surface plasmon polariton mode propagating on spatially periodic metal-dielectric interface. Journal of the Optical Society of America B: Optical Physics, 2009, 26, B11.	2.1	7
149	Dynamic index modulation mechanism in polarization-maintained fiber Bragg gratings induced by transverse acoustic waves. Applied Optics, 2009, 48, 4709.	2.1	2
150	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
151	Improving spatial resolution in fiber Raman distributed temperature sensor by using deconvolution algorithm. Chinese Optics Letters, 2009, 7, 560-563.	2.9	24
152	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
153	Frequency locking, quasiperiodicity, and chaos in dual-frequency loss-modulated erbium-doped fiber lasers. Chinese Optics Letters, 2009, 7, 699-702.	2.9	0
154	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
155	Quadruple-frequency millimeter-wave generation using second-order rational harmonic mode-locking technique. Chinese Optics Letters, 2008, 6, 588-590.	2.9	0
156	Raman-based distributed temperature sensor using a 1.66 $\frac{1}{4}$ m ring type Q-switched fiber laser with adjustable pulsewidth. , 2008, , .		2
157	A Short-Pulsed MOPA Source and Its Application in Distributed Optical Fiber Raman Temperature Sensing System. , 2007, , .		0
158	Optical generation of millimeter-wave by using external quadruple-frequency modulation technique. , 2007, , .		0
159	Retrieval of the aerosol particle size distribution function by incorporating a priori information. Journal of Aerosol Science, 2007, 38, 885-901.	3.8	47
160	Regularized inversion method for retrieval of aerosol particle size distribution function in W ^{1,2} space. Applied Optics, 2006, 45, 7456.	2.1	41
161	Investigation of dynamical pump control for backward-pumped fiber Raman amplifiers. Optics Communications, 2005, 245, 211-225.	2.1	1
162	Inhomogeneous loss mechanism in multiwavelength fiber Raman ring lasers. Optics Letters, 2005, 30, 952.	3.3	19

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163	Experimental investigation of an inhomogeneous loss and its influence on multiwavelength fiber lasers. Optics Letters, 2005, 30, 3033.	3.3	12
164	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
165	Dynamically Gain Control in the Serial Structure of C+L Wide-Band EDFA. IEEE Photonics Technology Letters, 2004, 16, 87-89.	2.5	5
166	Broadband source generated by stimulated Raman scattering and four-wave mixing in a highly nonlinear optical fiber ring cavity. Optics Letters, 2004, 29, 842.	3.3	16
167	Wavelength and power dependence of injected C-band laser on pump conversion efficiency of L-band EDFA. IEEE Photonics Technology Letters, 2002, 14, 290-292.	2.5	25
168	A simple control algorithm for wide-band channel-power clamped EDFA. Optics Communications, 2002, 213, 285-292.	2.1	8