

# Yan-qing Lu

## List of Publications by Year in descending order

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359  
papers

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29994

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362  
docs citations

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times ranked

7133  
citing authors

#	ARTICLE	IF	CITATIONS
1	Visible and Online Detection of Near-Infrared Optical Vortices via Nonlinear Photonic Crystals. <i>Advanced Optical Materials</i> , 2022, 10, 2101098.	3.6	11
2	Analogous Optical Activity in Free Space Using a Single Pancharatnam Berry Phase Element. <i>Laser and Photonics Reviews</i> , 2022, 16, 2100291.	4.4	15
3	Topological pumping in acoustic waveguide arrays with hopping modulation. <i>New Journal of Physics</i> , 2022, 24, 013004.	1.2	8
4	Dynamically Selective and Simultaneous Detection of Spin and Orbital Angular Momenta of Light with Thermoresponsive Self-Assembled Chiral Superstructures. <i>ACS Photonics</i> , 2022, 9, 1050-1057.	3.2	12
5	Submicrosecond electro-optical switching of one-dimensional soft photonic crystals. <i>Photonics Research</i> , 2022, 10, 786.	3.4	23
6	Multifunctional Liquid Crystal Device for Grayscale Pattern Display and Holography with Tunable Spectral Response. <i>Laser and Photonics Reviews</i> , 2022, 16, .	4.4	29
7	Patterned optical anisotropic film for generation of non-diffracting vortex beams. <i>Applied Physics Letters</i> , 2022, 120, .	1.5	2
8	Full-Stokes Polarimetry for Visible Light Enabled by an All-Dielectric Metasurface. <i>Advanced Photonics Research</i> , 2022, 3, .	1.7	17
9	THz generation by optical rectification of femtosecond laser pulses in a liquid crystal. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2022, 39, A89.	0.9	5
10	Simultaneous Realization of Dynamic and Hybrid Multiplexed Holography via Light-Activated Chiral Superstructures. <i>Laser and Photonics Reviews</i> , 2022, 16, .	4.4	22
11	Creating Composite Vortex Beams with a Single Geometric Metasurface. <i>Advanced Materials</i> , 2022, 34, e2109714.	11.1	40
12	Polarization-dispersive imaging spectrometer for scattering circular dichroism spectroscopy of single chiral nanostructures. <i>Light: Science and Applications</i> , 2022, 11, 64.	7.7	22
13	Photo-Actuated Chiral Smectic Superstructures. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	3
14	Trilobite-inspired neural nanophotonic light-field camera with extreme depth-of-field. <i>Nature Communications</i> , 2022, 13, 2130.	5.8	62
15	Twisted black phosphorus-based van der Waals stacks for fiber-integrated polarimeters. <i>Science Advances</i> , 2022, 8, eabo0375.	4.7	30
16	Pancharatnam Berry phase reversal via opposite-chirality-coexisted superstructures. <i>Light: Science and Applications</i> , 2022, 11, 135.	7.7	28
17	3D Engineering of Orbital Angular Momentum Beams via Liquid-Crystal Geometric Phase. <i>Laser and Photonics Reviews</i> , 2022, 16, .	4.4	12
18	Nonreciprocal Single-Photon Band Structure. <i>Physical Review Letters</i> , 2022, 128, .	2.9	28

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19	Spin-Decoupled Transflective Spatial Light Modulations Enabled by a Piecewise-Twisted Anisotropic Monolayer. <i>Advanced Science</i> , 2022, 9, .	5.6	17
20	Dual-color terahertz spatial light modulator for single-pixel imaging. <i>Light: Science and Applications</i> , 2022, 11, .	7.7	53
21	Flexible Control of Broadband Polarization in a Spintronic Terahertz Emitter Integrated with Liquid Crystal and Metasurface. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 32646-32656.	4.0	10
22	Time diffraction-free transverse orbital angular momentum beams. <i>Nature Communications</i> , 2022, 13, .	5.8	17
23	Electrical modification of order parameters and director fluctuations in a dielectrically negative nematic doped with a positive additive. <i>Journal of Molecular Liquids</i> , 2022, 363, 119843.	2.3	1
24	Switchable Second-Harmonic Generation of Airy Beam and Airy Vortex Beam. <i>Advanced Optical Materials</i> , 2021, 9, 2001776.	3.6	15
25	Ultra-Compliant and Tough Thermochromic Polymer for Self-Regulated Smart Windows. <i>Advanced Functional Materials</i> , 2021, 31, 2100686.	7.8	44
26	Photoresponsive thin films of well-synthesized azobenzene side-chain liquid crystalline polynorbornenes as command surface for patterned graphic writing. <i>Polymer</i> , 2021, 218, 123492.	1.8	7
27	Tunable band-pass optical vortex processor enabled by wash-out-refill chiral superstructures. <i>Applied Physics Letters</i> , 2021, 118, .	1.5	26
28	Broadband generation of perfect Poincaré beams via dielectric spin-multiplexed metasurface. <i>Nature Communications</i> , 2021, 12, 2230.	5.8	119
29	Silica optical fiber integrated with two-dimensional materials: towards opto-electro-mechanical technology. <i>Light: Science and Applications</i> , 2021, 10, 78.	7.7	62
30	Multifunctional metasurfaces enabled by simultaneous and independent control of phase and amplitude for orthogonal polarization states. <i>Light: Science and Applications</i> , 2021, 10, 107.	7.7	167
31	Towards On-Demand Heralded Single-Photon Sources via Photon Blockade. <i>Physical Review Applied</i> , 2021, 15, .	1.5	12
32	Nonlinear Wavy Metasurfaces with Topological Defects for Manipulating Orbital Angular Momentum States. <i>ACS Photonics</i> , 2021, 8, 1896-1902.	3.2	4
33	Programmable self-propelling actuators enabled by a dynamic helical medium. <i>Science Advances</i> , 2021, 7, .	4.7	21
34	Three-dimensional monolithic micro-LED display driven by atomically thin transistor matrix. <i>Nature Nanotechnology</i> , 2021, 16, 1231-1236.	15.6	120
35	Generation of Perfect Vortex Beams by Dielectric Geometric Metasurface for Visible Light. <i>Laser and Photonics Reviews</i> , 2021, 15, 2100390.	4.4	61
36	Heterogeneously integrated, superconducting silicon-photonic platform for measurement-device-independent quantum key distribution. <i>Advanced Photonics</i> , 2021, 3, .	6.2	27

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37	Efficient nonreciprocal mode transitions in spatiotemporally modulated acoustic metamaterials. <i>Science Advances</i> , 2021, 7, eabj1198.	4.7	40
38	Self-healing of a heralded single-photon Airy beam. <i>Optics Express</i> , 2021, 29, 40187.	1.7	9
39	Optimizing single-photon generation and storage with machine learning. <i>Physical Review A</i> , 2021, 104, .	1.0	3
40	Advances in Chip-Scale Quantum Photonic Technologies. <i>Advanced Quantum Technologies</i> , 2021, 4, .	1.8	13
41	Liquid-Crystal-Mediated Geometric Phase: From Transmissive to Broadband Reflective Planar Optics. <i>Advanced Materials</i> , 2020, 32, e1903665.	11.1	124
42	Broadband Detection of Multiple Spin and Orbital Angular Momenta via Dielectric Metasurface. <i>Laser and Photonics Reviews</i> , 2020, 14, 2000062.	4.4	58
43	Spin-controlled massive channels of hybrid-order Poincaré sphere beams. <i>Applied Physics Letters</i> , 2020, 117, .	1.5	11
44	Single-Pixel Imaging Based on Optical Fibers. <i>IEEE Photonics Journal</i> , 2020, 12, 1-7.	1.0	3
45	Photoprogrammable Mesogenic Soft Helical Architectures: A Promising Avenue toward Future Chiral Optics. <i>Advanced Materials</i> , 2020, 32, e1905318.	11.1	84
46	Reversible On-Off of Chirality and Anisotropy in Patterned Coexistence of Achiral-Anisotropic and Chiral-Isotropic Soft Materials. <i>Advanced Optical Materials</i> , 2020, 8, 2000155.	3.6	16
47	Smectic Defect Engineering Enabled by Programmable Photoalignment. <i>Advanced Optical Materials</i> , 2020, 8, 2000593.	3.6	14
48	Liquid-Crystal-Mediated Active Waveguides toward Programmable Integrated Optics. <i>Advanced Optical Materials</i> , 2020, 8, 1902033.	3.6	12
49	Photonic Spin-Multiplexing Metasurface for Switchable Spiral Phase Contrast Imaging. <i>Nano Letters</i> , 2020, 20, 2791-2798.	4.5	180
50	Photonic Entanglement Based on Nonlinear Metamaterials. <i>Laser and Photonics Reviews</i> , 2020, 14, 1900146.	4.4	19
51	Materials Research at Nanjing University. <i>Advanced Materials</i> , 2020, 32, 1907498.	11.1	2
52	Planar Terahertz Photonics Mediated by Liquid Crystal Polymers. <i>Advanced Optical Materials</i> , 2020, 8, 1902124.	3.6	31
53	Generation of an ultra-long sub-diffracted second-harmonic optical needle from a periodically poled LiNbO <sub>3</sub> crystal. <i>Applied Physics Letters</i> , 2020, 116, .	1.5	6
54	Ultrasensitive Photodetectors: Ultrahigh Responsivity Photodetectors of 2D Covalent Organic Frameworks Integrated on Graphene (Adv. Mater. 9/2020). <i>Advanced Materials</i> , 2020, 32, 2070070.	11.1	4

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55	Ultrahigh Responsivity Photodetectors of 2D Covalent Organic Frameworks Integrated on Graphene. <i>Advanced Materials</i> , 2020, 32, e1907242.	11.1	114
56	Low-loss metasurface optics down to the deep ultraviolet region. <i>Light: Science and Applications</i> , 2020, 9, 55.	7.7	150
57	Three-dimensional entanglement on a silicon chip. <i>Npj Quantum Information</i> , 2020, 6, .	2.8	45
58	Liquid crystal programmable metasurface for terahertz beam steering. <i>Applied Physics Letters</i> , 2020, 116, .	1.5	169
59	Independent Amplitude Control of Arbitrary Orthogonal States of Polarization via Dielectric Metasurfaces. <i>Physical Review Letters</i> , 2020, 125, 267402.	2.9	131
60	Optical-field topological phase transition in nonlinear frequency conversion. <i>Optics Express</i> , 2020, 28, 2818.	1.7	3
61	Liquid crystal integrated metalens with dynamic focusing property. <i>Optics Letters</i> , 2020, 45, 4324.	1.7	30
62	Photorealistic full-color nanopainting enabled by a low-loss metasurface. <i>Optica</i> , 2020, 7, 1171.	4.8	57
63	3D porous graphene-assisted capsulized cholesteric liquid crystals for terahertz power visualization. <i>Optics Letters</i> , 2020, 45, 5892.	1.7	22
64	Hyperbolic Metamaterials: Hyperbolic Metamaterials and Metasurfaces: Fundamentals and Applications (Advanced Optical Materials 14/2019). <i>Advanced Optical Materials</i> , 2019, 7, 1970054.	3.6	5
65	Stimulated transformation of soft helix among helicoidal, heliconical, and their inverse helices. <i>Science Advances</i> , 2019, 5, eaax9501.	4.7	68
66	Complete measurement and multiplexing of orbital angular momentum Bell states. <i>Physical Review A</i> , 2019, 100, .	1.0	10
67	Liquid crystal enabled dynamic cloaking of terahertz Fano resonators. <i>Applied Physics Letters</i> , 2019, 114, .	1.5	45
68	Light-Activated Liquid Crystalline Hierarchical Architecture Toward Photonics. <i>Advanced Optical Materials</i> , 2019, 7, 1900393.	3.6	29
69	Chirality invertible superstructure mediated active planar optics. <i>Nature Communications</i> , 2019, 10, 2518.	5.8	106
70	Photonic spin-controlled generation and transformation of 3D optical polarization topologies enabled by all-dielectric metasurfaces. <i>Nanoscale</i> , 2019, 11, 10646-10654.	2.8	18
71	Hyperbolic Metamaterials and Metasurfaces: Fundamentals and Applications. <i>Advanced Optical Materials</i> , 2019, 7, 1801616.	3.6	144
72	Self-Assembled Asymmetric Microlenses for Four-Dimensional Visual Imaging. <i>ACS Nano</i> , 2019, 13, 13709-13715.	7.3	39

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73	Broadband Generation of Photonic Spin-Controlled Arbitrary Accelerating Light Beams in the Visible. Nano Letters, 2019, 19, 1158-1165.	4.5	94
74	Broadband Optical-Fiber-Compatible Photodetector Based on a Graphene-MoS <sub>2</sub> /WS <sub>2</sub> Heterostructure with a Synergetic Photogenerating Mechanism. Advanced Electronic Materials, 2019, 5, 1800562.	2.6	53
75	Tunable and enhanced light emission in hybrid WS <sub>2</sub> -optical-fiber-nanowire structures. Light: Science and Applications, 2019, 8, 8.	7.7	51
76	Liquid crystal tunable terahertz lens with spin-selected focusing property. Optics Express, 2019, 27, 8800.	1.7	42
77	Auto-transition of vortex- to vector-Airy beams via liquid crystal q-Airy-plates. Optics Express, 2019, 27, 18848.	1.7	15
78	Evolution of orbital angular momentum in a soft quasi-periodic structure with topological defects. Optics Express, 2019, 27, 21667.	1.7	6
79	Ferroelectric liquid crystal mediated fast switchable orbital angular momentum of light. Optics Express, 2019, 27, 36903.	1.7	10
80	Research progress of terahertz liquid crystal materials and devices. Wuli Xuebao/Acta Physica Sinica, 2019, 68, 084205.	0.2	10
81	Surface-enhanced Raman scattering of subwavelength metallic structures. Wuli Xuebao/Acta Physica Sinica, 2019, 68, 147401.	0.2	2
82	Terahertz wave manipulation and detection based on liquid crystals. , 2019, , .		0
83	Ethanol Gas Sensor Based on a Hybrid Polymethyl Methacrylate-Silica Microfiber Coupler. Journal of Lightwave Technology, 2018, 36, 2031-2036.	2.7	26
84	Fragmentation of twisted light in photon-phonon nonlinear propagation. Applied Physics Letters, 2018, 112, .	1.5	18
85	Light-Driven Reversible Transformation between Self-Organized Simple Cubic Lattice and Helical Superstructure Enabled by a Molecular Switch Functionalized Nanocage. Advanced Materials, 2018, 30, e1800237.	11.1	57
86	Hollow core micro-fiber for optical wave guiding and microfluidic manipulation. Sensors and Actuators B: Chemical, 2018, 262, 953-957.	4.0	19
87	Thermally switchable photonic band-edge to random laser emission in dye-doped cholesteric liquid crystals. Laser Physics Letters, 2018, 15, 035002.	0.6	7
88	Digitalizing Self-Assembled Chiral Superstructures for Optical Vortex Processing. Advanced Materials, 2018, 30, 1705865.	11.1	131
89	Vortex Airy beams directly generated via liquid crystal q-Airy-plates. Applied Physics Letters, 2018, 112, .	1.5	47
90	Controllable generation of second-harmonic vortex beams through nonlinear supercell grating. Applied Physics Letters, 2018, 113, 221101.	1.5	10

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91	Visible Measurement of Terahertz Power Based on Capsulized Cholesteric Liquid Crystal Film. Applied Sciences (Switzerland), 2018, 8, 2580.	1.3	36
92	Perfect Higher-Order Poincaré Sphere Beams from Digitalized Geometric Phases. Physical Review Applied, 2018, 10, .	1.5	31
93	Liquid-crystal-integrated metadvice: towards active multifunctional terahertz wave manipulations. Optics Letters, 2018, 43, 4695.	1.7	54
94	Angular Optical Transparency Induced by Photonic Topological Transitions in Metamaterials. Laser and Photonics Reviews, 2018, 12, 1700309.	4.4	26
95	Control the orbital angular momentum in third-harmonic generation using quasi-phase-matching. Optics Express, 2018, 26, 17563.	1.7	15
96	Quasi-phase-matched second harmonic generation of long-range surface plasmon polaritons. Optics Express, 2018, 26, 4194.	1.7	4
97	Generation of second-harmonic Ince-Gaussian beams. Applied Physics Letters, 2018, 113, .	1.5	6
98	Magnetically and electrically polarization-tunable THz emitter with integrated ferromagnetic heterostructure and large-birefringence liquid crystal. Applied Physics Express, 2018, 11, 092101.	1.1	47
99	Parallel Processing OAM Modes Through Liquid Crystal Photoalignment. , 2018, , .		1
100	Photon-phonon Interaction in a Microfiber Induced by Optical and Electrostrictive Forces. Scientific Reports, 2017, 7, 41849.	1.6	3
101	Smectic Layer Origami via Preprogrammed Photoalignment. Advanced Materials, 2017, 29, 1606671.	11.1	42
102	Optical field control via liquid crystal photoalignment. Molecular Crystals and Liquid Crystals, 2017, 644, 3-11.	0.4	6
103	Digitalized Geometric Phases for Parallel Optical Spin and Orbital Angular Momentum Encoding. ACS Photonics, 2017, 4, 1333-1338.	3.2	93
104	Extremely High-Efficiency Coupling Method for Hollow-Core Photonic Crystal Fiber. IEEE Photonics Journal, 2017, 9, 1-8.	1.0	9
105	Study on the Polarization of Random Lasers from Dye-Doped Nematic Liquid Crystals. Nanoscale Research Letters, 2017, 12, 27.	3.1	29
106	Towards an all-in fiber photodetector by directly bonding few-layer molybdenum disulfide to a fiber facet. Nanoscale, 2017, 9, 3424-3428.	2.8	22
107	Plasmonic band-edge modulated surface-enhanced Raman scattering. Applied Physics Letters, 2017, 111, 051601.	1.5	4
108	Light-Patterned Crystallographic Direction of a Self-Organized 3D Soft Photonic Crystal. Advanced Materials, 2017, 29, 1703165.	11.1	120

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109	Manipulation of Nonlinear Optical Properties of Graphene Bonded Fiber Devices by Thermally Engineering Fermiâ€™Dirac Distribution. <i>Advanced Optical Materials</i> , 2017, 5, 1700630.	3.6	9
110	Going beyond the limit of an LCDâ€™s color gamut. <i>Light: Science and Applications</i> , 2017, 6, e17043-e17043.	7.7	157
111	Nonlinear optics in optical-fiber nanowires and their applications. <i>Progress in Quantum Electronics</i> , 2017, 55, 35-51.	3.5	19
112	Orbital angular momentum (OAM) conversion and multicasting using N-core supermode fiber. <i>Scientific Reports</i> , 2017, 7, 1062.	1.6	8
113	Tailoring the photon spin via lightâ€™matter interaction in liquid-crystal-based twisting structures. <i>Npj Quantum Materials</i> , 2017, 2, .	1.8	7
114	Spiral holographic imaging through quantum interference. <i>Applied Physics Letters</i> , 2017, 111, .	1.5	6
115	Coherent Random Lasing from Dye Aggregates in Polydimethylsiloxane Thin Films. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 27232-27238.	4.0	23
116	Subradiant Dipolar Interactions in Plasmonic Nanoring Resonator Array for Integrated Label-Free Biosensing. <i>ACS Sensors</i> , 2017, 2, 1796-1804.	4.0	45
117	Broadband enhancement of photoluminance from colloidal metal halide perovskite nanocrystals on plasmonic nanostructured surfaces. <i>Scientific Reports</i> , 2017, 7, 14695.	1.6	6
118	Generation of strong cylindrical vector pulses via stimulated Brillouin amplification. <i>Applied Physics Letters</i> , 2017, 110, .	1.5	16
119	Free-standing plasmonic metal-dielectric-metal bandpass filter with high transmission efficiency. <i>Scientific Reports</i> , 2017, 7, 4357.	1.6	26
120	Directly generating orbital angular momentum in second-harmonic waves with a spirally poled nonlinear photonic crystal. <i>Applied Physics Letters</i> , 2017, 110, 261104.	1.5	23
121	The controllable intensity and polarization degree of random laser from sheared dye-doped polymer-dispersed liquid crystal. <i>Nanophotonics</i> , 2017, 7, 473-478.	2.9	8
122	Multiple generations of high-order orbital angular momentum modes through cascaded third-harmonic generation in a 2D nonlinear photonic crystal. <i>Optics Express</i> , 2017, 25, 11556.	1.7	13
123	Terahertz vortex beam generator based on a photopatterned large birefringence liquid crystal. <i>Optics Express</i> , 2017, 25, 12349.	1.7	79
124	Helicity-dependent forked vortex lens based on photo-patterned liquid crystals. <i>Optics Express</i> , 2017, 25, 14059.	1.7	20
125	Graphene-assisted high-efficiency liquid crystal tunable terahertz metamaterial absorber. <i>Optics Express</i> , 2017, 25, 23873.	1.7	103
126	Tunable reflective liquid crystal terahertz waveplates. <i>Optical Materials Express</i> , 2017, 7, 2023.	1.6	62



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127	High-sensitivity optical-fiber-compatible photodetector with an integrated CsPbBr <sub>3</sub> –graphene hybrid structure. <i>Optica</i> , 2017, 4, 835.	4.8	48
128	Light-Driven Rotation and Pitch Tuning of Self-Organized Cholesteric Gratings Formed in a Semi-Free Film. <i>Polymers</i> , 2017, 9, 295.	2.0	22
129	Fiber-Optic Point-Based Sensor Using Specklegram Measurement. <i>Sensors</i> , 2017, 17, 2429.	2.1	14
130	Generating, Separating and Polarizing Terahertz Vortex Beams via Liquid Crystals with Gradient-Rotation Directors. <i>Crystals</i> , 2017, 7, 314.	1.0	16
131	Versatile hybrid plasmonic microfiber knot resonator. <i>Optics Letters</i> , 2017, 42, 3395.	1.7	15
132	Examining second-harmonic generation of high-order Laguerre–Gaussian modes through a single cylindrical lens. <i>Optics Letters</i> , 2017, 42, 4387.	1.7	22
133	Integrated and reconfigurable optical paths based on stacking optical functional films. <i>Optics Express</i> , 2016, 24, 25510.	1.7	15
134	Extended Cauchy equations of congruent LiNbO <sub>3</sub> in the terahertz band and their applications. <i>Optical Materials Express</i> , 2016, 6, 3766.	1.6	3
135	Liquid crystal depolarizer based on photoalignment technology. <i>Photonics Research</i> , 2016, 4, 70.	3.4	26
136	Lasing of self-organized helical cholesteric liquid crystal micro-droplets based on emulsification. <i>Optical Materials Express</i> , 2016, 6, 1256.	1.6	10
137	Synthesis of single-crystal low-loss LiB <sub>3</sub> O <sub>5</sub> nanowire and its optical properties. <i>Scientific Reports</i> , 2016, 6, 39389.	1.6	3
138	A novel mode-locked fiber laser based on graphene with microvoid. , 2016, , .		0
139	Label-free measurements on cell apoptosis using a terahertz metamaterial-based biosensor. <i>Applied Physics Letters</i> , 2016, 108, .	1.5	85
140	Generation of self-healing and transverse accelerating optical vortices. <i>Applied Physics Letters</i> , 2016, 109, .	1.5	23
141	Ferroelectric domain inversion and its stability in lithium niobate thin film on insulator with different thicknesses. <i>AIP Advances</i> , 2016, 6, .	0.6	28
142	Fork gratings based on ferroelectric liquid crystals. <i>Optics Express</i> , 2016, 24, 5822.	1.7	21
143	Bridging the terahertz near-field and far-field observations of liquid crystal based metamaterial absorbers. <i>Chinese Physics B</i> , 2016, 25, 094222.	0.7	10
144	Light-reconfigured waveband-selective diffraction device enabled by micro-patterning of a photoresponsive self-organized helical superstructure. <i>Journal of Materials Chemistry C</i> , 2016, 4, 9325-9330.	2.7	31

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145	The influence of Ag nanoparticles on random laser from dye-doped nematic liquid crystals. <i>Laser Physics Letters</i> , 2016, 13, 105001.	0.6	18
146	Squeezing a Surface Plasmon through Quadratic Nonlinear Interactions. <i>ACS Photonics</i> , 2016, 3, 2074-2082.	3.2	9
147	An all fiber apparatus for microparticles selective manipulation based on a variable ratio coupler and a microfiber. <i>Optical Fiber Technology</i> , 2016, 31, 126-129.	1.4	4
148	Entanglement of photons with complex spatial structure in Hermite-Laguerre-Gaussian modes. <i>Physical Review A</i> , 2016, 94, .	1.0	16
149	Influence of optical forces on nonlinear optical frequency conversion in nanoscale waveguide devices. <i>Optics Express</i> , 2016, 24, 1633.	1.7	0
150	Generation of Equal-Energy Orbital Angular Momentum Beams via Photopatterned Liquid Crystals. <i>Physical Review Applied</i> , 2016, 5, .	1.5	55
151	Meta-q-plate for complex beam shaping. <i>Scientific Reports</i> , 2016, 6, 25528.	1.6	86
152	Tunable dual-wavelength filter and its group delay dispersion in domain-engineered lithium niobate. <i>AIP Advances</i> , 2016, 6, .	0.6	7
153	Dual-valley transmission spectrum based on periodically poled lithium niobate with a structure defect. , 2016, , .		0
154	Mechanical Modulation of a Hybrid Graphene-µMicrofiber Structure. <i>Advanced Optical Materials</i> , 2016, 4, 853-857.	3.6	16
155	Beam shaping via photopatterned liquid crystals. <i>Liquid Crystals</i> , 2016, 43, 2051-2061.	0.9	42
156	Fast-response and high-efficiency optical switch based on dual-frequency liquid crystal polarization grating. <i>Optical Materials Express</i> , 2016, 6, 597.	1.6	38
157	Tunable waveguide bends with graphene-based anisotropic metamaterials. <i>Applied Physics Express</i> , 2016, 9, 025101.	1.1	3
158	Optical array generator based on blue phase liquid crystal Dammann grating. <i>Optical Materials Express</i> , 2016, 6, 1087.	1.6	30
159	Introduction: Nonlinear Optics (NLO) 2015 feature issue. <i>Optical Materials Express</i> , 2016, 6, 466.	1.6	1
160	A Fiber Laser Using Graphene-Integrated 3-D Microfiber Coil. <i>IEEE Photonics Journal</i> , 2016, 8, 1-7.	1.0	3
161	Simulation of Optical Microfiber Strain Sensors Based on Four-Wave Mixing. <i>IEEE Sensors Journal</i> , 2016, 16, 3068-3074.	2.4	11
162	Coupled orbital angular momentum conversions in a quasi-periodically poled LiTaO <sub>3</sub> crystal. <i>Optics Letters</i> , 2016, 41, 1169.	1.7	35

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163	“Hot-wire”-microfluidic flowmeter based on a microfiber coupler. <i>Optics Letters</i> , 2016, 41, 5680.	1.7	35
164	Optically reconfigurable chirp in micro/nano-fiber Bragg gratings. , 2016, , .		0
165	Reconfigurable optical-force-drive chirp and delay line in micro- or nanofiber Bragg grating. <i>Physical Review A</i> , 2015, 91, .	1.0	4
166	Polarization-controllable Airy beams generated via a photoaligned director-variant liquid crystal mask. <i>Scientific Reports</i> , 2015, 5, 17484.	1.6	55
167	Generation of arbitrary vector beams with liquid crystal polarization converters and vector-photoaligned q-plates. <i>Applied Physics Letters</i> , 2015, 107, .	1.5	100
168	Rationally Designed Dynamic Superstructures Enabled by Photoaligning Cholesteric Liquid Crystals. <i>Advanced Optical Materials</i> , 2015, 3, 1691-1696.	3.6	58
169	Miniature optical fiber current sensor based on a graphene membrane. <i>Laser and Photonics Reviews</i> , 2015, 9, 517-522.	4.4	34
170	Broadband tunable liquid crystal terahertz waveplates driven with porous graphene electrodes. <i>Light: Science and Applications</i> , 2015, 4, e253-e253.	7.7	148
171	Miniaturized stereo fiber devices based on the wrap-on-a-rod technology. , 2015, , .		0
172	An all-optical modulator based on a stereo graphene“microfiber structure. <i>Light: Science and Applications</i> , 2015, 4, e360-e360.	7.7	124
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