

Yan-qing Lu

List of Publications by Year in descending order

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359
papers

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citations

29994

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362
all docs

362
docs citations

362
times ranked

7133
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrically tunable liquid-crystal photonic crystal fiber. <i>Applied Physics Letters</i> , 2004, 85, 2181-2183.	1.5	300
2	Photonic Spin-Multiplexing Metasurface for Switchable Spiral Phase Contrast Imaging. <i>Nano Letters</i> , 2020, 20, 2791-2798.	4.5	180
3	Liquid crystal programmable metasurface for terahertz beam steering. <i>Applied Physics Letters</i> , 2020, 116, .	1.5	169
4	Miniaturized fiber taper reflective interferometer for high temperature measurement. <i>Optics Express</i> , 2010, 18, 14245.	1.7	167
5	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
6	Going beyond the limit of an LCD's color gamut. <i>Light: Science and Applications</i> , 2017, 6, e17043-e17043.	7.7	157
7	Low-loss metasurface optics down to the deep ultraviolet region. <i>Light: Science and Applications</i> , 2020, 9, 55.	7.7	150
8	Broadband tunable liquid crystal terahertz waveplates driven with porous graphene electrodes. <i>Light: Science and Applications</i> , 2015, 4, e253-e253.	7.7	148
9	Hyperbolic Metamaterials and Metasurfaces: Fundamentals and Applications. <i>Advanced Optical Materials</i> , 2019, 7, 1801616.	3.6	144
10	Generating Switchable and Reconfigurable Optical Vortices via Photopatterning of Liquid Crystals. <i>Advanced Materials</i> , 2014, 26, 1590-1595.	11.1	143
11	Electro-optic effect of periodically poled optical superlattice LiNbO ₃ and its applications. <i>Applied Physics Letters</i> , 2000, 77, 3719-3721.	1.5	139
12	Optical Properties of an Ionic-Type Phononic Crystal. <i>Science</i> , 1999, 284, 1822-1824.	6.0	137
13	Arbitrary photo-patterning in liquid crystal alignments using DMD based lithography system. <i>Optics Express</i> , 2012, 20, 16684.	1.7	135
14	Digitalizing Self-Assembled Chiral Superstructures for Optical Vortex Processing. <i>Advanced Materials</i> , 2018, 30, 1705865.	11.1	131
15	Independent Amplitude Control of Arbitrary Orthogonal States of Polarization via Dielectric Metasurfaces. <i>Physical Review Letters</i> , 2020, 125, 267402.	2.9	131
16	An all-optical modulator based on a stereo graphene microfiber structure. <i>Light: Science and Applications</i> , 2015, 4, e360-e360.	7.7	124
17	Liquid-Crystal-Mediated Geometric Phase: From Transmissive to Broadband Reflective Planar Optics. <i>Advanced Materials</i> , 2020, 32, e1903665.	11.1	124
18	Demonstration of a compact temperature sensor based on first-order Bragg grating in a tapered fiber probe. <i>Optics Express</i> , 2011, 19, 18452.	1.7	120

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19	Light-Patterned Crystallographic Direction of a Self-Organized 3D Soft Photonic Crystal. <i>Advanced Materials</i> , 2017, 29, 1703165.	11.1	120
20	Three-dimensional monolithic micro-LED display driven by atomically thin transistor matrix. <i>Nature Nanotechnology</i> , 2021, 16, 1231-1236.	15.6	120
21	Broadband generation of perfect Poincaré beams via dielectric spin-multiplexed metasurface. <i>Nature Communications</i> , 2021, 12, 2230.	5.8	119
22	Microfiber-Based Bragg Gratings for Sensing Applications: A Review. <i>Sensors</i> , 2012, 12, 8861-8876.	2.1	117
23	Ultrahigh Responsivity Photodetectors of 2D Covalent Organic Frameworks Integrated on Graphene. <i>Advanced Materials</i> , 2020, 32, e1907242.	11.1	114
24	Arbitrary and reconfigurable optical vortex generation: a high-efficiency technique using director-varying liquid crystal fork gratings. <i>Photonics Research</i> , 2015, 3, 133.	3.4	106
25	Chirality invertible superstructure mediated active planar optics. <i>Nature Communications</i> , 2019, 10, 2518.	5.8	106
26	Large birefringence liquid crystal material in terahertz range. <i>Optical Materials Express</i> , 2012, 2, 1314.	1.6	104
27	Graphene-assisted high-efficiency liquid crystal tunable terahertz metamaterial absorber. <i>Optics Express</i> , 2017, 25, 23873.	1.7	103
28	Nondestructive Imaging of Dielectric-Constant Profiles and Ferroelectric Domains with a Scanning-Tip Microwave Near-Field Microscope. <i>Science</i> , 1997, 276, 2004-2006.	6.0	101
29	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
30	Biomimetic corrugated silicon nanocone arrays for self-cleaning antireflection coatings. <i>Nano Research</i> , 2010, 3, 520-527.	5.8	99
31	Experimental demonstration of distributed feedback semiconductor lasers based on reconstruction-equivalent-chirp technology. <i>Optics Express</i> , 2009, 17, 5240.	1.7	96
32	Broadband Generation of Photonic Spin-Controlled Arbitrary Accelerating Light Beams in the Visible. <i>Nano Letters</i> , 2019, 19, 1158-1165.	4.5	94
33	Digitalized Geometric Phases for Parallel Optical Spin and Orbital Angular Momentum Encoding. <i>ACS Photonics</i> , 2017, 4, 1333-1338.	3.2	93
34	Meta-q-plate for complex beam shaping. <i>Scientific Reports</i> , 2016, 6, 25528.	1.6	86
35	Fast switchable grating based on orthogonal photo alignments of ferroelectric liquid crystals. <i>Applied Physics Letters</i> , 2012, 101, .	1.5	85
36	Label-free measurements on cell apoptosis using a terahertz metamaterial-based biosensor. <i>Applied Physics Letters</i> , 2016, 108, .	1.5	85

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37	Photoprogrammable Mesogenic Soft Helical Architectures: A Promising Avenue toward Future Chiro-Optics. <i>Advanced Materials</i> , 2020, 32, e1905318.	11.1	84
38	Self-polarizing terahertz liquid crystal phase shifter. <i>AIP Advances</i> , 2011, 1, .	0.6	81
39	Temperature sensor based on an isopropanol-sealed photonic crystal fiber in-line interferometer with enhanced refractive index sensitivity. <i>Optics Letters</i> , 2012, 37, 863.	1.7	80
40	Microfiber-probe-based ultrasmall interferometric sensor. <i>Optics Letters</i> , 2010, 35, 2308.	1.7	79
41	Liquid crystal gratings based on alternate TN and PA photoalignment. <i>Optics Express</i> , 2012, 20, 5384.	1.7	79
42	Terahertz vortex beam generator based on a photopatterned large birefringence liquid crystal. <i>Optics Express</i> , 2017, 25, 12349.	1.7	79
43	Highly effective and reproducible surface-enhanced Raman scattering substrates based on Ag pyramidal arrays. <i>Nano Research</i> , 2013, 6, 159-166.	5.8	75
44	Polarization independent liquid crystal gratings based on orthogonal photoalignments. <i>Applied Physics Letters</i> , 2012, 100, 111116.	1.5	68
45	Stimulated transformation of soft helix among helicoidal, heliconical, and their inverse helices. <i>Science Advances</i> , 2019, 5, eaax9501.	4.7	68
46	Tunable reflective liquid crystal terahertz waveplates. <i>Optical Materials Express</i> , 2017, 7, 2023.	1.6	62
47	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
48	Trilobite-inspired neural nanophotonic light-field camera with extreme depth-of-field. <i>Nature Communications</i> , 2022, 13, 2130.	5.8	62
49	Generation of Perfect Vortex Beams by Dielectric Geometric Metasurface for Visible Light. <i>Laser and Photonics Reviews</i> , 2021, 15, 2100390.	4.4	61
50	Rationally Designed Dynamic Superstructures Enabled by Photoaligning Cholesteric Liquid Crystals. <i>Advanced Optical Materials</i> , 2015, 3, 1691-1696.	3.6	58
51	Broadband Detection of Multiple Spin and Orbital Angular Momenta via Dielectric Metasurface. <i>Laser and Photonics Reviews</i> , 2020, 14, 2000062.	4.4	58
52	Light-Driven Reversible Transformation between Self-Organized Simple Cubic Lattice and Helical Superstructure Enabled by a Molecular Switch Functionalized Nanocage. <i>Advanced Materials</i> , 2018, 30, e1800237.	11.1	57
53	Photorealistic full-color nanopainting enabled by a low-loss metasurface. <i>Optica</i> , 2020, 7, 1171.	4.8	57
54	Frequency tuning of optical parametric generator in periodically poled optical superlattice LiNbO ₃ by electro-optic effect. <i>Applied Physics Letters</i> , 1999, 74, 123-125.	1.5	56

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55	New Type of Polariton in a Piezoelectric Superlattice. <i>Physical Review Letters</i> , 2003, 90, 053903.	2.9	55
56	Variable optical attenuator based on polymer stabilized twisted nematic liquid crystal. <i>Optics Express</i> , 2004, 12, 1221.	1.7	55
57	Polarization-controllable Airy beams generated via a photoaligned director-variant liquid crystal mask. <i>Scientific Reports</i> , 2015, 5, 17484.	1.6	55
58	Generation of Equal-Energy Orbital Angular Momentum Beams via Photopatterned Liquid Crystals. <i>Physical Review Applied</i> , 2016, 5, .	1.5	55
59	Dual-frequency addressed hybrid-aligned nematic liquid crystal. <i>Applied Physics Letters</i> , 2004, 85, 3354-3356.	1.5	54
60	Liquid-crystal-integrated metadvice: towards active multifunctional terahertz wave manipulations. <i>Optics Letters</i> , 2018, 43, 4695.	1.7	54
61	Dual-Frequency Addressed Variable Optical Attenuator with Submillisecond Response Time. <i>Japanese Journal of Applied Physics</i> , 2005, 44, 1292-1295.	0.8	53
62	A miniature reflective micro-force sensor based on a microfiber coupler. <i>Optics Express</i> , 2014, 22, 2443.	1.7	53
63	Integrated source of tunable nonmaximally mode-entangled photons in a domain-engineered lithium niobate waveguide. <i>Applied Physics Letters</i> , 2014, 104, 171110.	1.5	53
64	Broadband Optical-Fiber-Compatible Photodetector Based on a Graphene-MoS ₂ -WS ₂ Heterostructure with a Synergetic Photogenerating Mechanism. <i>Advanced Electronic Materials</i> , 2019, 5, 1800562.	2.6	53
65	Dual-color terahertz spatial light modulator for single-pixel imaging. <i>Light: Science and Applications</i> , 2022, 11, .	7.7	53
66	Nonlinear frequency conversion of fields with orbital angular momentum using quasi-phase-matching. <i>Physical Review A</i> , 2013, 88, .	1.0	51
67	Tunable and enhanced light emission in hybrid WS ₂ -optical-fiber-nanowire structures. <i>Light: Science and Applications</i> , 2019, 8, 8.	7.7	51
68	Ultra-highly sensitive surface-corrugated microfiber Bragg grating force sensor. <i>Applied Physics Letters</i> , 2012, 101, .	1.5	50
69	Micro-patterned photo-aligned ferroelectric liquid crystal Fresnel zone lens. <i>Optics Letters</i> , 2015, 40, 1643.	1.7	50
70	A microfluidic refractometric sensor based on gratings in optical fibre microwires. <i>Optics Express</i> , 2009, 17, 20866.	1.7	49
71	Tunable Fano resonance in hybrid graphene-metal gratings. <i>Applied Physics Letters</i> , 2014, 104, .	1.5	49
72	Optical electrical current sensor utilizing a graphene-microfiber-integrated coil resonator. <i>Applied Physics Letters</i> , 2015, 107, .	1.5	49

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73	Wide-bandwidth high-frequency electro-optic modulator based on periodically poled LiNbO ₃ . Applied Physics Letters, 2001, 78, 1035-1037.	1.5	48
74	High-sensitivity optical-fiber-compatible photodetector with an integrated CsPbBr ₃ –graphene hybrid structure. Optica, 2017, 4, 835.	4.8	48
75	Fast response dual-frequency liquid crystal switch with photo-patterned alignments. Optics Letters, 2012, 37, 3627.	1.7	47
76	Vortex Airy beams directly generated via liquid crystal q-Airy-plates. Applied Physics Letters, 2018, 112, .	1.5	47
77	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
78	Polarization switch using thick holographic polymer-dispersed liquid crystal grating. Journal of Applied Physics, 2004, 95, 810-815.	1.1	46
79	Polarization-independent blue-phase liquid crystal gratings driven by vertical electric field. Journal of the Society for Information Display, 2012, 20, 341-346.	0.8	45
80	Subradiant Dipolar Interactions in Plasmonic Nanoring Resonator Array for Integrated Label-Free Biosensing. ACS Sensors, 2017, 2, 1796-1804.	4.0	45
81	Liquid crystal enabled dynamic cloaking of terahertz Fano resonators. Applied Physics Letters, 2019, 114, .	1.5	45
82	Three-dimensional entanglement on a silicon chip. Npj Quantum Information, 2020, 6, .	2.8	45
83	Teflon-coated microfiber resonator with weak temperature dependence. Optics Express, 2011, 19, 22923.	1.7	44
84	Ultra-compliant and Tough Thermo-chromic Polymer for Self-regulated Smart Windows. Advanced Functional Materials, 2021, 31, 2100686.	7.8	44
85	An Optical Fiber Tip Micrograting Thermometer. IEEE Photonics Journal, 2011, 3, 810-814.	1.0	43
86	Submillisecond response variable optical attenuator based on sheared polymer network liquid crystal. Optics Express, 2004, 12, 6382.	1.7	42
87	Beam shaping via photopatterned liquid crystals. Liquid Crystals, 2016, 43, 2051-2061.	0.9	42
88	Smectic Layer Origami via Preprogrammed Photoalignment. Advanced Materials, 2017, 29, 1606671.	11.1	42
89	Liquid crystal tunable terahertz lens with spin-selected focusing property. Optics Express, 2019, 27, 8800.	1.7	42
90	Visible dual-wavelength light generation in optical superlattice Er:LiNbO ₃ through upconversion and quasi-phase-matched frequency doubling. Applied Physics Letters, 1998, 72, 1808-1810.	1.5	41

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91	Ultra-Sensitive Refractive Index Sensor With Slightly Tapered Photonic Crystal Fiber. IEEE Photonics Technology Letters, 2012, 24, 1771-1774.	1.3	41
92	Efficient nonreciprocal mode transitions in spatiotemporally modulated acoustic metamaterials. Science Advances, 2021, 7, eabj1198.	4.7	40
93	Creating Composite Vortex Beams with a Single Geometric Metasurface. Advanced Materials, 2022, 34, e2109714.	11.1	40
94	Self-Assembled Asymmetric Microlenses for Four-Dimensional Visual Imaging. ACS Nano, 2019, 13, 13709-13715.	7.3	39
95	Fast-response and high-efficiency optical switch based on dual-frequency liquid crystal polarization grating. Optical Materials Express, 2016, 6, 597.	1.6	38
96	Microfiber-coupler-assisted control of wavelength tuning for Q-switched fiber laser with few-layer molybdenum disulfide nanoplates. Optics Letters, 2015, 40, 3576.	1.7	37
97	Miniature tapered photonic crystal fiber interferometer with enhanced sensitivity by acid microdroplets etching. Applied Optics, 2011, 50, 4328.	2.1	36
98	Platform for enhanced light-graphene interaction length and miniaturizing fiber stereo devices. Optica, 2014, 1, 307.	4.8	36
99	Visible Measurement of Terahertz Power Based on Capsulized Cholesteric Liquid Crystal Film. Applied Sciences (Switzerland), 2018, 8, 2580.	1.3	36
100	Coupled orbital angular momentum conversions in a quasi-periodically poled LiTaO ₃ crystal. Optics Letters, 2016, 41, 1169.	1.7	35
101	“Hot-wire” microfluidic flowmeter based on a microfiber coupler. Optics Letters, 2016, 41, 5680.	1.7	35
102	Miniature optical fiber current sensor based on a graphene membrane. Laser and Photonics Reviews, 2015, 9, 517-522.	4.4	34
103	Polymer-Stabilized Cholesteric Liquid Crystal for Polarization-Independent Variable Optical Attenuator. Japanese Journal of Applied Physics, 2004, 43, 7083-7086.	0.8	33
104	Pulsed-laser deposition and optical properties of completely (001) textured optical waveguiding LiNbO ₃ films upon SiO ₂ /Si substrates. Optics Letters, 1996, 21, 946.	1.7	32
105	Miniaturized Metal-Dielectric-Hybrid Fiber Tip Grating for Refractive Index Sensing. IEEE Photonics Technology Letters, 2011, 23, 1712-1714.	1.3	32
106	Nonlinear plasmonic frequency conversion through quasiphase matching. Physical Review B, 2010, 82, .	1.1	31
107	Fast switchable optical vortex generator based on blue phase liquid crystal fork grating. Optical Materials Express, 2014, 4, 2535.	1.6	31
108	Light-reconfigured waveband-selective diffraction device enabled by micro-patterning of a photoresponsive self-organized helical superstructure. Journal of Materials Chemistry C, 2016, 4, 9325-9330.	2.7	31

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109	Perfect Higher-Order Poincaré Sphere Beams from Digitalized Geometric Phases. <i>Physical Review Applied</i> , 2018, 10, .	1.5	31
110	Planar Terahertz Photonics Mediated by Liquid Crystal Polymers. <i>Advanced Optical Materials</i> , 2020, 8, 1902124.	3.6	31
111	A Compact Sagnac Loop Based on a Microfiber Coupler for Twist Sensing. <i>IEEE Photonics Technology Letters</i> , 2015, 27, 2579-2582.	1.3	30
112	Differential twin receiving fiber-optic magnetic field and electric current sensor utilizing a microfiber coupler. <i>Optics Express</i> , 2015, 23, 9407.	1.7	30
113	Optical array generator based on blue phase liquid crystal Dammann grating. <i>Optical Materials Express</i> , 2016, 6, 1087.	1.6	30
114	Liquid crystal integrated metalens with dynamic focusing property. <i>Optics Letters</i> , 2020, 45, 4324.	1.7	30
115	Twisted black phosphorus-based van der Waals stacks for fiber-integrated polarimeters. <i>Science Advances</i> , 2022, 8, eabo0375.	4.7	30
116	A Microfiber Bragg Grating Based on a Microstructured Rod: A Proposal. <i>IEEE Photonics Technology Letters</i> , 2010, 22, 218-220.	1.3	29
117	A bidirectional tunable optical diode based on periodically poled LiNbO ₃ . <i>Optics Express</i> , 2010, 18, 7340.	1.7	29
118	Study on the Polarization of Random Lasers from Dye-Doped Nematic Liquid Crystals. <i>Nanoscale Research Letters</i> , 2017, 12, 27.	3.1	29
119	Light-Activated Liquid Crystalline Hierarchical Architecture Toward Photonics. <i>Advanced Optical Materials</i> , 2019, 7, 1900393.	3.6	29
120	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
121	Formation mechanism for ferroelectric domain structures in a LiNbO ₃ optical superlattice. <i>Applied Physics Letters</i> , 1996, 68, 2642-2644.	1.5	28
122	Metallic Grating on a D-Shaped Fiber for Refractive Index Sensing. <i>IEEE Photonics Journal</i> , 2013, 5, 4800706-4800706.	1.0	28
123	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
124	Pancharatnam Berry phase reversal via opposite-chirality-coexisted superstructures. <i>Light: Science and Applications</i> , 2022, 11, 135.	7.7	28
125	Nonreciprocal Single-Photon Band Structure. <i>Physical Review Letters</i> , 2022, 128, .	2.9	28
126	Acousto-optic interaction in photonic crystals with defects. <i>Journal of Applied Physics</i> , 2009, 106, 043107.	1.1	27

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127	Hybrid plasmonic waveguide in a metal V-groove. AIP Advances, 2014, 4, .	0.6	27
128	Heterogeneously integrated, superconducting silicon-photonics platform for measurement-device-independent quantum key distribution. Advanced Photonics, 2021, 3, .	6.2	27
129	An All-Fiber Reflective Hydrogen Sensor Based on a Photonic Crystal Fiber In-Line Interferometer. IEEE Sensors Journal, 2014, 14, 1133-1136.	2.4	26
130	Liquid crystal depolarizer based on photoalignment technology. Photonics Research, 2016, 4, 70.	3.4	26
131	Free-standing plasmonic metal-dielectric-metal bandpass filter with high transmission efficiency. Scientific Reports, 2017, 7, 4357.	1.6	26
132	Ethanol Gas Sensor Based on a Hybrid Polymethyl Methacrylate-Silica Microfiber Coupler. Journal of Lightwave Technology, 2018, 36, 2031-2036.	2.7	26
133	Angular Optical Transparency Induced by Photonic Topological Transitions in Metamaterials. Laser and Photonics Reviews, 2018, 12, 1700309.	4.4	26
134	Tunable band-pass optical vortex processor enabled by wash-out-refill chiral superstructures. Applied Physics Letters, 2021, 118, .	1.5	26
135	A fast response variable optical attenuator based on blue phase liquid crystal. Optics Express, 2013, 21, 5332.	1.7	24
136	Ultra-flattened and low dispersion in engineered microfibers with highly efficient nonlinearity reduction. Optics Express, 2011, 19, 15229.	1.7	23
137	Highly Birefringent Slot-Microfiber. IEEE Photonics Technology Letters, 2011, 23, 1034-1036.	1.3	23
138	Ampere force based photonic crystal fiber magnetic field sensor. Sensors and Actuators A: Physical, 2014, 210, 95-98.	2.0	23
139	Generation of self-healing and transverse accelerating optical vortices. Applied Physics Letters, 2016, 109, .	1.5	23
140	Coherent Random Lasing from Dye Aggregates in Polydimethylsiloxane Thin Films. ACS Applied Materials & Interfaces, 2017, 9, 27232-27238.	4.0	23
141	Directly generating orbital angular momentum in second-harmonic waves with a spirally poled nonlinear photonic crystal. Applied Physics Letters, 2017, 110, 261104.	1.5	23
142	Submicrosecond electro-optical switching of one-dimensional soft photonic crystals. Photonics Research, 2022, 10, 786.	3.4	23
143	Growth of Nd ³⁺ -doped LiNbO ₃ optical superlattice crystals and its potential applications in self-frequency doubling. Applied Physics Letters, 1996, 68, 1467-1469.	1.5	22
144	Fiber-Optic Pressure Sensor Based on Tunable Liquid Crystal Technology. IEEE Photonics Journal, 2010, 2, 292-298.	1.0	22

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145	Thermally tunable random laser in dye-doped liquid crystals. <i>Journal of Modern Optics</i> , 2013, 60, 1607-1611.	0.6	22
146	Towards an all-in fiber photodetector by directly bonding few-layer molybdenum disulfide to a fiber facet. <i>Nanoscale</i> , 2017, 9, 3424-3428.	2.8	22
147	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
148	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
149	3D porous graphene-assisted capsulized cholesteric liquid crystals for terahertz power visualization. <i>Optics Letters</i> , 2020, 45, 5892.	1.7	22
150	Simultaneous Realization of Dynamic and Hybrid Multiplexed Holography via Light-Activated Chiral Superstructures. <i>Laser and Photonics Reviews</i> , 2022, 16, .	4.4	22
151	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
152	Liquid crystal blue phase induced by bent-shaped molecules with allylic end groups. <i>Optical Materials Express</i> , 2011, 1, 1478.	1.6	21
153	Fork gratings based on ferroelectric liquid crystals. <i>Optics Express</i> , 2016, 24, 5822.	1.7	21
154	Programmable self-propelling actuators enabled by a dynamic helical medium. <i>Science Advances</i> , 2021, 7, .	4.7	21
155	A scheme to realize three-fundamental-colors laser based on quasi-phase matching. <i>Solid State Communications</i> , 2001, 119, 363-366.	0.9	20
156	A Transflective Nano-Wire Grid Polarizer Based Fiber-Optic Sensor. <i>Sensors</i> , 2011, 11, 2488-2495.	2.1	20
157	Generation of NOON State With Orbital Angular Momentum in a Twisted Nonlinear Photonic Crystal. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2015, 21, 225-230.	1.9	20
158	Helicity-dependent forked vortex lens based on photo-patterned liquid crystals. <i>Optics Express</i> , 2017, 25, 14059.	1.7	20
159	A three-beam path photonic crystal fiber modal interferometer and its sensing applications. <i>Journal of Applied Physics</i> , 2010, 108, 023107.	1.1	19
160	Nonlinear optics in optical-fiber nanowires and their applications. <i>Progress in Quantum Electronics</i> , 2017, 55, 35-51.	3.5	19
161	Hollow core micro-fiber for optical wave guiding and microfluidic manipulation. <i>Sensors and Actuators B: Chemical</i> , 2018, 262, 953-957.	4.0	19
162	Photonic Entanglement Based on Nonlinear Metamaterials. <i>Laser and Photonics Reviews</i> , 2020, 14, 1900146.	4.4	19

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163	Femtosecond violet light generation by quasi-phase-matched frequency doubling in optical superlattice LiNbO ₃ . Applied Physics Letters, 1996, 69, 3155-3157.	1.5	18
164	Phonon-polaritons in quasiperiodic piezoelectric superlattices. Applied Physics Letters, 2004, 85, 3531-3533.	1.5	18
165	A Multiexposure Technology for Sampled Bragg Gratings and its Applications in Dual-Wavelength Lasing Generation and OCDMA En/Decoding. IEEE Photonics Technology Letters, 2009, 21, 1639-1641.	1.3	18
166	Dispersion Study of Optical Nanowire Microcoil Resonators. IEEE Journal of Selected Topics in Quantum Electronics, 2011, 17, 1102-1106.	1.9	18
167	Tailoring of random lasing characteristics in dye-doped nematic liquid crystals. Applied Physics B: Lasers and Optics, 2014, 115, 303-309.	1.1	18
168	The influence of Ag nanoparticles on random laser from dye-doped nematic liquid crystals. Laser Physics Letters, 2016, 13, 105001.	0.6	18
169	Fragmentation of twisted light in photon-phonon nonlinear propagation. Applied Physics Letters, 2018, 112, .	1.5	18
170	Photonic spin-controlled generation and transformation of 3D optical polarization topologies enabled by all-dielectric metasurfaces. Nanoscale, 2019, 11, 10646-10654.	2.8	18
171	Growth of optical superlattice LiNbO ₃ with different modulating periods and its applications in second-harmonic generation. Applied Physics Letters, 1996, 68, 2781-2783.	1.5	17
172	Dual-Frequency Addressed Infrared Liquid Crystal Phase Modulators with Submillisecond Response Time. Molecular Crystals and Liquid Crystals, 2006, 454, 123/[525]-133/[535].	0.4	17
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174	The electrically and magnetically controllable random laser from dye-doped liquid crystals. Journal of Applied Physics, 2014, 116, 053103.	1.1	17
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