

Yan-qing Lu

List of Publications by Citations

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313
papers

7,278
citations

46
h-index

68
g-index

362
ext. papers

9,064
ext. citations

5.3
avg. IF

6.15
L-index

#	Paper	IF	Citations
313	Electrically tunable liquid-crystal photonic crystal fiber. <i>Applied Physics Letters</i> , 2004 , 85, 2181-2183	3.4	241
312	Miniaturized fiber taper reflective interferometer for high temperature measurement. <i>Optics Express</i> , 2010 , 18, 14245-50	3.3	130
311	Optical properties of an ionic-type phononic crystal. <i>Science</i> , 1999 , 284, 1822-4	33.3	123
310	Going beyond the limit of an LCD's color gamut. <i>Light: Science and Applications</i> , 2017 , 6, e17043	16.7	114
309	Generating switchable and reconfigurable optical vortices via photopatterning of liquid crystals. <i>Advanced Materials</i> , 2014 , 26, 1590-5	24	113
308	Arbitrary photo-patterning in liquid crystal alignments using DMD based lithography system. <i>Optics Express</i> , 2012 , 20, 16684	3.3	113
307	Electro-optic effect of periodically poled optical superlattice LiNbO ₃ and its applications. <i>Applied Physics Letters</i> , 2000 , 77, 3719-3721	3.4	112
306	Broadband tunable liquid crystal terahertz waveplates driven with porous graphene electrodes. <i>Light: Science and Applications</i> , 2015 , 4, e253-e253	16.7	111
305	An all-optical modulator based on a stereo graphene microfiber structure. <i>Light: Science and Applications</i> , 2015 , 4, e360-e360	16.7	101
304	Digitalizing Self-Assembled Chiral Superstructures for Optical Vortex Processing. <i>Advanced Materials</i> , 2018 , 30, 1705865	24	99
303	Light-Patterned Crystallographic Direction of a Self-Organized 3D Soft Photonic Crystal. <i>Advanced Materials</i> , 2017 , 29, 1703165	24	94
302	Demonstration of a compact temperature sensor based on first-order Bragg grating in a tapered fiber probe. <i>Optics Express</i> , 2011 , 19, 18452-7	3.3	94
301	Microfiber-based Bragg gratings for sensing applications: a review. <i>Sensors</i> , 2012 , 12, 8861-76	3.8	91
300	Biomimetic corrugated silicon nanocone arrays for self-cleaning antireflection coatings. <i>Nano Research</i> , 2010 , 3, 520-527	10	90
299	Photonic Spin-Multiplexing Metasurface for Switchable Spiral Phase Contrast Imaging. <i>Nano Letters</i> , 2020 , 20, 2791-2798	11.5	89
298	Generation of arbitrary vector beams with liquid crystal polarization converters and vector-photoaligned q-plates. <i>Applied Physics Letters</i> , 2015 , 107, 241102	3.4	84
297	Nondestructive Imaging of Dielectric-Constant Profiles and Ferroelectric Domains with a Scanning-Tip Microwave Near-Field Microscope. <i>Science</i> , 1997 , 276, 2004-2006	33.3	84

296	Hyperbolic Metamaterials and Metasurfaces: Fundamentals and Applications. <i>Advanced Optical Materials</i> , 2019 , 7, 1801616	8.1	81
295	Arbitrary and reconfigurable optical vortex generation: a high-efficiency technique using director-varying liquid crystal fork gratings. <i>Photonics Research</i> , 2015 , 3, 133	6	81
294	Fast switchable grating based on orthogonal photo alignments of ferroelectric liquid crystals. <i>Applied Physics Letters</i> , 2012 , 101, 031112	3.4	80
293	Large birefringence liquid crystal material in terahertz range. <i>Optical Materials Express</i> , 2012 , 2, 1314	2.6	76
292	Graphene-assisted high-efficiency liquid crystal tunable terahertz metamaterial absorber. <i>Optics Express</i> , 2017 , 25, 23873-23879	3.3	75
291	Experimental demonstration of distributed feedback semiconductor lasers based on reconstruction-equivalent-chirp technology. <i>Optics Express</i> , 2009 , 17, 5240-5	3.3	73
290	Low-loss metasurface optics down to the deep ultraviolet region. <i>Light: Science and Applications</i> , 2020 , 9, 55	16.7	71
289	Temperature sensor based on an isopropanol-sealed photonic crystal fiber in-line interferometer with enhanced refractive index sensitivity. <i>Optics Letters</i> , 2012 , 37, 863-5	3	71
288	Digitalized Geometric Phases for Parallel Optical Spin and Orbital Angular Momentum Encoding. <i>ACS Photonics</i> , 2017 , 4, 1333-1338	6.3	69
287	Broadband Generation of Photonic Spin-Controlled Arbitrary Accelerating Light Beams in the Visible. <i>Nano Letters</i> , 2019 , 19, 1158-1165	11.5	69
286	Meta-q-plate for complex beam shaping. <i>Scientific Reports</i> , 2016 , 6, 25528	4.9	67
285	Liquid crystal gratings based on alternate TN and PA photoalignment. <i>Optics Express</i> , 2012 , 20, 5384-91	3.3	67
284	Liquid crystal programmable metasurface for terahertz beam steering. <i>Applied Physics Letters</i> , 2020 , 116, 131104	3.4	66
283	Chirality invertible superstructure mediated active planar optics. <i>Nature Communications</i> , 2019 , 10, 25181	7.4	63
282	Highly effective and reproducible surface-enhanced Raman scattering substrates based on Ag pyramidal arrays. <i>Nano Research</i> , 2013 , 6, 159-166	10	63
281	Self-polarizing terahertz liquid crystal phase shifter. <i>AIP Advances</i> , 2011 , 1, 032133	1.5	63
280	Ultrahigh Responsivity Photodetectors of 2D Covalent Organic Frameworks Integrated on Graphene. <i>Advanced Materials</i> , 2020 , 32, e1907242	24	62
279	Terahertz vortex beam generator based on a photopatterned large birefringence liquid crystal. <i>Optics Express</i> , 2017 , 25, 12349-12356	3.3	62

278	Label-free measurements on cell apoptosis using a terahertz metamaterial-based biosensor. <i>Applied Physics Letters</i> , 2016 , 108, 241105	3-4	62
277	Microfiber-probe-based ultrasmall interferometric sensor. <i>Optics Letters</i> , 2010 , 35, 2308-10	3	60
276	Polarization independent liquid crystal gratings based on orthogonal photoalignments. <i>Applied Physics Letters</i> , 2012 , 100, 111116	3-4	56
275	Independent Amplitude Control of Arbitrary Orthogonal States of Polarization via Dielectric Metasurfaces. <i>Physical Review Letters</i> , 2020 , 125, 267402	7-4	55
274	New type of polariton in a piezoelectric superlattice. <i>Physical Review Letters</i> , 2003 , 90, 053903	7-4	54
273	Liquid-Crystal-Mediated Geometric Phase: From Transmissive to Broadband Reflective Planar Optics. <i>Advanced Materials</i> , 2020 , 32, e1903665	24	49
272	Dual-frequency addressed hybrid-aligned nematic liquid crystal. <i>Applied Physics Letters</i> , 2004 , 85, 3354-3356	3-4	49
271	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	3-4	48
270	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	16-7	48
269	Tunable Fano resonance in hybrid graphene-metal gratings. <i>Applied Physics Letters</i> , 2014 , 104, 161114	3-4	47
268	Dual-Frequency Addressed Variable Optical Attenuator with Submillisecond Response Time. <i>Japanese Journal of Applied Physics</i> , 2005 , 44, 1292-1295	1-4	47
267	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	24	46
266	Generation of Equal-Energy Orbital Angular Momentum Beams via Photopatterned Liquid Crystals. <i>Physical Review Applied</i> , 2016 , 5,	4-3	46
265	Rationally Designed Dynamic Superstructures Enabled by Photoaligning Cholesteric Liquid Crystals. <i>Advanced Optical Materials</i> , 2015 , 3, 1691-1696	8-1	46
264	Photoprogrammable Mesogenic Soft Helical Architectures: A Promising Avenue toward Future Chiro-Optics. <i>Advanced Materials</i> , 2020 , 32, e1905318	24	45
263	Variable optical attenuator based on polymer stabilized twisted nematic liquid crystal. <i>Optics Express</i> , 2004 , 12, 1221-7	3-3	44
262	Micro-patterned photo-aligned ferroelectric liquid crystal Fresnel zone lens. <i>Optics Letters</i> , 2015 , 40, 1643-6	3	43
261	Polarization-controllable Airy beams generated via a photoaligned director-variant liquid crystal mask. <i>Scientific Reports</i> , 2015 , 5, 17484	4-9	42

260	A miniature reflective micro-force sensor based on a microfiber coupler. <i>Optics Express</i> , 2014 , 22, 2443-503	3	42
259	Polarization-independent blue-phase liquid-crystal gratings driven by vertical electric field. <i>Journal of the Society for Information Display</i> , 2012 , 20, 341	2.1	42
258	Fast response dual-frequency liquid crystal switch with photo-patterned alignments. <i>Optics Letters</i> , 2012 , 37, 3627-9	3	42
257	Stimulated transformation of soft helix among helicoidal, heliconical, and their inverse helices. <i>Science Advances</i> , 2019 , 5, eaax9501	14.3	41
256	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	6.4	41
255	Tunable reflective liquid crystal terahertz waveplates. <i>Optical Materials Express</i> , 2017 , 7, 2023	2.6	40
254	Ultra-highly sensitive surface-corrugated microfiber Bragg grating force sensor. <i>Applied Physics Letters</i> , 2012 , 101, 133502	3.4	40
253	A microfluidic refractometric sensor based on gratings in optical fibre microwires. <i>Optics Express</i> , 2009 , 17, 20866-71	3.3	40
252	Polarization switch using thick holographic polymer-dispersed liquid crystal grating. <i>Journal of Applied Physics</i> , 2004 , 95, 810-815	2.5	40
251	Wide-bandwidth high-frequency electro-optic modulator based on periodically poled LiNbO ₃ . <i>Applied Physics Letters</i> , 2001 , 78, 1035-1037	3.4	40
250	Optical electrical current sensor utilizing a graphene-microfiber-integrated coil resonator. <i>Applied Physics Letters</i> , 2015 , 107, 053502	3.4	39
249	Nonlinear frequency conversion of fields with orbital angular momentum using quasi-phase-matching. <i>Physical Review A</i> , 2013 , 88,	2.6	39
248	Teflon-coated microfiber resonator with weak temperature dependence. <i>Optics Express</i> , 2011 , 19, 22923-8	3.8	37
247	Broadband generation of perfect Poincaré beams via dielectric spin-multiplexed metasurface. <i>Nature Communications</i> , 2021 , 12, 2230	17.4	37
246	An Optical Fiber Tip Micrograting Thermometer. <i>IEEE Photonics Journal</i> , 2011 , 3, 810-814	1.8	35
245	High-sensitivity optical-fiber-compatible photodetector with an integrated CsPbBr ₃ /graphene hybrid structure. <i>Optica</i> , 2017 , 4, 835	8.6	34
244	Liquid-crystal-integrated metadevice: towards active multifunctional terahertz wave manipulations. <i>Optics Letters</i> , 2018 , 43, 4695-4698	3	34
243	Vortex Airy beams directly generated via liquid crystal q-Airy-plates. <i>Applied Physics Letters</i> , 2018 , 112, 121101	3.4	33

242	Fast-response and high-efficiency optical switch based on dual-frequency liquid crystal polarization grating. <i>Optical Materials Express</i> , 2016 , 6, 597	2.6	32
241	Beam shaping via photopatterned liquid crystals. <i>Liquid Crystals</i> , 2016 , 43, 2051-2061	2.3	31
240	Ultra-Sensitive Refractive Index Sensor With Slightly Tapered Photonic Crystal Fiber. <i>IEEE Photonics Technology Letters</i> , 2012 , 24, 1771-1774	2.2	31
239	Visible dual-wavelength light generation in optical superlattice Er:LiNbO ₃ through upconversion and quasi-phase-matched frequency doubling. <i>Applied Physics Letters</i> , 1998 , 72, 1808-1810	3.4	31
238	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	3.1	31
237	Smectic Layer Origami via Preprogrammed Photoalignment. <i>Advanced Materials</i> , 2017 , 29, 1606671	2.4	30
236	Microfiber-coupler-assisted control of wavelength tuning for Q-switched fiber laser with few-layer molybdenum disulfide nanoplates. <i>Optics Letters</i> , 2015 , 40, 3576-9	3	30
235	Pulsed-laser deposition and optical properties of completely (001) textured optical waveguiding LiNbO(3) films upon SiO(2)/Si substrates. <i>Optics Letters</i> , 1996 , 21, 946-8	3	30
234	Broadband detection of multiple spin and orbital angular momenta via dielectric metasurface. <i>Laser and Photonics Reviews</i> , 2020 , 14, 2000062	8.3	30
233	Submillisecond response variable optical attenuator based on sheared polymer network liquid crystal. <i>Optics Express</i> , 2004 , 12, 6382-9	3.3	29
232	"Hot-wire" microfluidic flowmeter based on a microfiber coupler. <i>Optics Letters</i> , 2016 , 41, 5680-5683	3	29
231	Tunable and enhanced light emission in hybrid WS-optical-fiber-nanowire structures. <i>Light: Science and Applications</i> , 2019 , 8, 8	16.7	29
230	Miniature tapered photonic crystal fiber interferometer with enhanced sensitivity by acid microdroplets etching. <i>Applied Optics</i> , 2011 , 50, 4328-32	0.2	28
229	Platform for enhanced light-graphene interaction length and miniaturizing fiber stereo devices. <i>Optica</i> , 2014 , 1, 307	8.6	27
228	A bidirectional tunable optical diode based on periodically poled LiNbO ₃ . <i>Optics Express</i> , 2010 , 18, 7340-5	6.3	27
227	Nonlinear plasmonic frequency conversion through quasiphase matching. <i>Physical Review B</i> , 2010 , 82,	3.3	27
226	Polymer-Stabilized Cholesteric Liquid Crystal for Polarization-Independent Variable Optical Attenuator. <i>Japanese Journal of Applied Physics</i> , 2004 , 43, 7083-7086	1.4	27
225	Liquid crystal tunable terahertz lens with spin-selected focusing property. <i>Optics Express</i> , 2019 , 27, 8800-8807	3.8	27

224	Liquid crystal enabled dynamic cloaking of terahertz Fano resonators. <i>Applied Physics Letters</i> , 2019 , 114, 041106	3.4	26
223	Differential twin receiving fiber-optic magnetic field and electric current sensor utilizing a microfiber coupler. <i>Optics Express</i> , 2015 , 23, 9407-14	3.3	26
222	Optical array generator based on blue phase liquid crystal Dammann grating. <i>Optical Materials Express</i> , 2016 , 6, 1087	2.6	26
221	Coupled orbital angular momentum conversions in a quasi-periodically poled LiTaO ₃ crystal. <i>Optics Letters</i> , 2016 , 41, 1169-72	3	26
220	Fast switchable optical vortex generator based on blue phase liquid crystal fork grating. <i>Optical Materials Express</i> , 2014 , 4, 2535	2.6	26
219	Formation mechanism for ferroelectric domain structures in a LiNbO ₃ optical superlattice. <i>Applied Physics Letters</i> , 1996 , 68, 2642-2644	3.4	26
218	Photorealistic full-color nanopainting enabled by low-loss metasurface. <i>Optica</i> , 2020 , 7,	8.6	26
217	Integrated source of tunable nonmaximally mode-entangled photons in a domain-engineered lithium niobate waveguide. <i>Applied Physics Letters</i> , 2014 , 104, 171110	3.4	25
216	Ferroelectric domain inversion and its stability in lithium niobate thin film on insulator with different thicknesses. <i>AIP Advances</i> , 2016 , 6, 075011	1.5	24
215	Subradiant Dipolar Interactions in Plasmonic Nanoring Resonator Array for Integrated Label-Free Biosensing. <i>ACS Sensors</i> , 2017 , 2, 1796-1804	9.2	23
214	Miniature optical fiber current sensor based on a graphene membrane. <i>Laser and Photonics Reviews</i> , 2015 , 9, 517-522	8.3	23
213	A Compact Sagnac Loop Based on a Microfiber Coupler for Twist Sensing. <i>IEEE Photonics Technology Letters</i> , 2015 , 27, 2579-2582	2.2	23
212	Acousto-optic interaction in photonic crystals with defects. <i>Journal of Applied Physics</i> , 2009 , 106, 043107	2.5	23
211	Self-Assembled Asymmetric Microlenses for Four-Dimensional Visual Imaging. <i>ACS Nano</i> , 2019 , 13, 13709-13715	9.6	23
210	Metallic Grating on a D-Shaped Fiber for Refractive Index Sensing. <i>IEEE Photonics Journal</i> , 2013 , 5, 4800708-4800706	10.8	22
209	A Microfiber Bragg Grating Based on a Microstructured Rod: A Proposal. <i>IEEE Photonics Technology Letters</i> , 2010 , 22, 218-220	2.2	22
208	Miniaturized Metal-Dielectric-Hybrid Fiber Tip Grating for Refractive Index Sensing. <i>IEEE Photonics Technology Letters</i> , 2011 , 23, 1712-1714	2.2	22
207	Perfect Higher-Order Poincaré Sphere Beams from Digitalized Geometric Phases. <i>Physical Review Applied</i> , 2018 , 10,	4.3	22

206	Three-dimensional entanglement on a silicon chip. <i>Npj Quantum Information</i> , 2020 , 6,	8.6	21
205	An All-Fiber Reflective Hydrogen Sensor Based on a Photonic Crystal Fiber In-Line Interferometer. <i>IEEE Sensors Journal</i> , 2014 , 14, 1133-1136	4	21
204	Free-standing plasmonic metal-dielectric-metal bandpass filter with high transmission efficiency. <i>Scientific Reports</i> , 2017 , 7, 4357	4.9	21
203	Hybrid plasmonic waveguide in a metal V-groove. <i>AIP Advances</i> , 2014 , 4, 017103	1.5	21
202	A fast response variable optical attenuator based on blue phase liquid crystal. <i>Optics Express</i> , 2013 , 21, 5332-7	3.3	21
201	Fiber-Optic Pressure Sensor Based on Tunable Liquid Crystal Technology. <i>IEEE Photonics Journal</i> , 2010 , 2, 292-298	1.8	20
200	Three-dimensional monolithic micro-LED display driven by atomically thin transistor matrix. <i>Nature Nanotechnology</i> , 2021 , 16, 1231-1236	28.7	20
199	Light-Activated Liquid Crystalline Hierarchical Architecture Toward Photonics. <i>Advanced Optical Materials</i> , 2019 , 7, 1900393	8.1	19
198	Thermally tunable random laser in dye-doped liquid crystals. <i>Journal of Modern Optics</i> , 2013 , 60, 1607-1611	11	19
197	Directly generating orbital angular momentum in second-harmonic waves with a spirally poled nonlinear photonic crystal. <i>Applied Physics Letters</i> , 2017 , 110, 261104	3.4	19
196	Ultra-Compliant and Tough Thermo-chromic Polymer for Self-Regulated Smart Windows. <i>Advanced Functional Materials</i> , 2021 , 31, 2100686	15.6	19
195	Study on the Polarization of Random Lasers from Dye-Doped Nematic Liquid Crystals. <i>Nanoscale Research Letters</i> , 2017 , 12, 27	5	18
194	Planar Terahertz Photonics Mediated by Liquid Crystal Polymers. <i>Advanced Optical Materials</i> , 2020 , 8, 1902124	8.1	18
193	Ampere force based photonic crystal fiber magnetic field sensor. <i>Sensors and Actuators A: Physical</i> , 2014 , 210, 95-98	3.9	18
192	Light-Driven Rotation and Pitch Tuning of Self-Organized Cholesteric Gratings Formed in a Semi-Free Film. <i>Polymers</i> , 2017 , 9,	4.5	18
191	Highly Birefringent Slot-Microfiber. <i>IEEE Photonics Technology Letters</i> , 2011 , 23, 1034-1036	2.2	18
190	Generation of self-healing and transverse accelerating optical vortices. <i>Applied Physics Letters</i> , 2016 , 109, 121105	3.4	18
189	Angular Optical Transparency Induced by Photonic Topological Transitions in Metamaterials. <i>Laser and Photonics Reviews</i> , 2018 , 12, 1700309	8.3	17

188	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	3.8	17
187	Ultra-flattened and low dispersion in engineered microfibers with highly efficient nonlinearity reduction. <i>Optics Express</i> , 2011 , 19, 15229-35	3.3	17
186	Silica optical fiber integrated with two-dimensional materials: towards opto-electro-mechanical technology. <i>Light: Science and Applications</i> , 2021 , 10, 78	16.7	17
185	Liquid crystal depolarizer based on photoalignment technology. <i>Photonics Research</i> , 2016 , 4, 70	6	17
184	Coherent Random Lasing from Dye Aggregates in Polydimethylsiloxane Thin Films. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 27232-27238	9.5	16
183	Liquid crystal blue phase induced by bent-shaped molecules with allylic end groups. <i>Optical Materials Express</i> , 2011 , 1, 1478	2.6	16
182	Phonon-polaritons in quasiperiodic piezoelectric superlattices. <i>Applied Physics Letters</i> , 2004 , 85, 3531-3533	3.1	16
181	Fork gratings based on ferroelectric liquid crystals. <i>Optics Express</i> , 2016 , 24, 5822-8	3.3	16
180	Towards an all-in fiber photodetector by directly bonding few-layer molybdenum disulfide to a fiber facet. <i>Nanoscale</i> , 2017 , 9, 3424-3428	7.7	15
179	The electrically and magnetically controllable random laser from dye-doped liquid crystals. <i>Journal of Applied Physics</i> , 2014 , 116, 053103	2.5	15
178	Tailoring of random lasing characteristics in dye-doped nematic liquid crystals. <i>Applied Physics B: Lasers and Optics</i> , 2014 , 115, 303-309	1.9	15
177	A transfective nano-wire grid polarizer based fiber-optic sensor. <i>Sensors</i> , 2011 , 11, 2488-95	3.8	15
176	Optical frequency comb generation through quasi-phase matched quadratic frequency conversion in a micro-ring resonator. <i>Optics Express</i> , 2012 , 20, 17192	3.3	15
175	A scheme to realize three-fundamental-colors laser based on quasi-phase matching. <i>Solid State Communications</i> , 2001 , 119, 363-366	1.6	15
174	Growth of Nd ³⁺ -doped LiNbO ₃ optical superlattice crystals and its potential applications in self-frequency doubling. <i>Applied Physics Letters</i> , 1996 , 68, 1467-1469	3.4	15
173	Photonic spin-controlled generation and transformation of 3D optical polarization topologies enabled by all-dielectric metasurfaces. <i>Nanoscale</i> , 2019 , 11, 10646-10654	7.7	14
172	Ethanol Gas Sensor Based on a Hybrid Polymethyl Methacrylate/Silica Microfiber Coupler. <i>Journal of Lightwave Technology</i> , 2018 , 36, 2031-2036	4	14
171	Mechanical Modulation of a Hybrid Graphene/Microfiber Structure. <i>Advanced Optical Materials</i> , 2016 , 4, 853-857	8.1	14

170	Magnetically and electrically polarization-tunable THz emitter with integrated ferromagnetic heterostructure and large-birefringence liquid crystal. <i>Applied Physics Express</i> , 2018 , 11, 092101	2.4	14
169	Helicity-dependent forked vortex lens based on photo-patterned liquid crystals. <i>Optics Express</i> , 2017 , 25, 14059-14064	3.3	14
168	A three-beam path photonic crystal fiber modal interferometer and its sensing applications. <i>Journal of Applied Physics</i> , 2010 , 108, 023107	2.5	14
167	Dual-Frequency Addressed Infrared Liquid Crystal Phase Modulators with Submillisecond Response Time. <i>Molecular Crystals and Liquid Crystals</i> , 2006 , 454, 123/[525]-133/[535]	0.5	14
166	Variable optical attenuator with a polymer-stabilized dual-frequency liquid crystal. <i>Applied Optics</i> , 2005 , 44, 4394-7	1.7	14
165	Integrated and reconfigurable optical paths based on stacking optical functional films. <i>Optics Express</i> , 2016 , 24, 25510-25514	3.3	14
164	Generation of strong cylindrical vector pulses via stimulated Brillouin amplification. <i>Applied Physics Letters</i> , 2017 , 110, 141104	3.4	13
163	Femtosecond violet light generation by quasi-phase-matched frequency doubling in optical superlattice LiNbO ₃ . <i>Applied Physics Letters</i> , 1996 , 69, 3155-3157	3.4	13
162	Generating, Separating and Polarizing Terahertz Vortex Beams via Liquid Crystals with Gradient-Rotation Directors. <i>Crystals</i> , 2017 , 7, 314	2.3	12
161	Dispersion Study of Optical Nanowire Microcoil Resonators. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2011 , 17, 1102-1106	3.8	12
160	Mimicing surface phonon polaritons in microwave band based on ionic-type phononic crystal. <i>Applied Physics Letters</i> , 2012 , 101, 151109	3.4	12
159	Fluorescence and attenuation properties of Er ³⁺ -doped phosphate-glass fibers and efficient infrared-to-visible up-conversion. <i>Applied Physics B: Lasers and Optics</i> , 1996 , 62, 287-291	1.9	12
158	Examining second-harmonic generation of high-order Laguerre-Gaussian modes through a single cylindrical lens. <i>Optics Letters</i> , 2017 , 42, 4387-4390	3	12
157	The influence of Ag nanoparticles on random laser from dye-doped nematic liquid crystals. <i>Laser Physics Letters</i> , 2016 , 13, 105001	1.5	12
156	Fragmentation of twisted light in photon-phonon nonlinear propagation. <i>Applied Physics Letters</i> , 2018 , 112, 161103	3.4	11
155	Hollow core micro-fiber for optical wave guiding and microfluidic manipulation. <i>Sensors and Actuators B: Chemical</i> , 2018 , 262, 953-957	8.5	11
154	Wave guiding properties and sensitivity of D-shaped optical fiber microwire devices. <i>Applied Physics B: Lasers and Optics</i> , 2011 , 102, 615-619	1.9	11
153	Electro-optic tunable optical isolator in periodically poled LiNbO ₃ . <i>Journal of Applied Physics</i> , 2011 , 109, 053111	2.5	11

152	Growth of optical superlattice LiNbO ₃ with different modulating periods and its applications in second-harmonic generation. <i>Applied Physics Letters</i> , 1996 , 68, 2781-2783	3.4	11
151	LiNbO ₃ phase gratings prepared by a single excimer pulse through a silica phase mask. <i>Applied Physics Letters</i> , 1996 , 69, 1352-1354	3.4	11
150	Generation of Perfect Vortex Beams by Dielectric Geometric Metasurface for Visible Light. <i>Laser and Photonics Reviews</i> , 2100390	8.3	11
149	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	8.1	10
148	Photonic Entanglement Based on Nonlinear Metamaterials. <i>Laser and Photonics Reviews</i> , 2020 , 14, 1900146	8.5	10
147	Simulation and optimization of liquid crystal gratings with alternate twisted nematic and planar aligned regions. <i>Applied Optics</i> , 2014 , 53, E14-8	1.7	10
146	Low-temperature-applicable polymer-stabilized blue-phase liquid crystal and its Kerr effect. <i>Journal of the Society for Information Display</i> , 2012 , 20, 326	2.1	10
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