

Yan-qing Lu

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/551251/yan-qing-lu-publications-by-year.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Patterned optical anisotropic film for generation of non-diffracting vortex beams. <i>Applied Physics Letters</i> , 2022 , 120, 031101	3.4	0
312	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	1.7	1
311	Creating Composite Vortex Beams with a Single Geometric Metasurface.. <i>Advanced Materials</i> , 2022 , e2109714	7.7	7
310	Polarization-dispersive imaging spectrometer for scattering circular dichroism spectroscopy of single chiral nanostructures.. <i>Light: Science and Applications</i> , 2022 , 11, 64	16.7	2
309	Trilobite-inspired neural nanophotonic light-field camera with extreme depth-of-field.. <i>Nature Communications</i> , 2022 , 13, 2130	17.4	7
308	Twisted black phosphorus-based van der Waals stacks for fiber-integrated polarimeters.. <i>Science Advances</i> , 2022 , 8, eabo0375	14.3	3
307	Pancharatnam-Berry phase reversal via opposite-chirality-coexisted superstructures.. <i>Light: Science and Applications</i> , 2022 , 11, 135	16.7	5
306	Efficient nonreciprocal mode transitions in spatiotemporally modulated acoustic metamaterials. <i>Science Advances</i> , 2021 , 7, eabj1198	14.3	6
305	Self-healing of a heralded single-photon Airy beam. <i>Optics Express</i> , 2021 , 29, 40187-40193	3.3	0
304	Heterogeneously integrated, superconducting silicon-photonic platform for measurement-device-independent quantum key distribution. <i>Advanced Photonics</i> , 2021 , 3,	8.1	5
303	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	3.9	3
302	Tunable band-pass optical vortex processor enabled by wash-out-refill chiral superstructures. <i>Applied Physics Letters</i> , 2021 , 118, 151102	3.4	8
301	Broadband generation of perfect Poincaré beams via dielectric spin-multiplexed metasurface. <i>Nature Communications</i> , 2021 , 12, 2230	17.4	37
300	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
299	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
298	Towards On-Demand Heralded Single-Photon Sources via Photon Blockade. <i>Physical Review Applied</i> , 2021 , 15,	4.3	3
297	Nonlinear Wavy Metasurfaces with Topological Defects for Manipulating Orbital Angular Momentum States. <i>ACS Photonics</i> , 2021 , 8, 1896-1902	6.3	2

296	Switchable Second-Harmonic Generation of Airy Beam and Airy Vortex Beam. <i>Advanced Optical Materials</i> , 2021 , 9, 2001776	8.1	7
295	Ultra-Compliant and Tough ThermoChromic Polymer for Self-Regulated Smart Windows. <i>Advanced Functional Materials</i> , 2021 , 31, 2100686	15.6	19
294	Programmable self-propelling actuators enabled by a dynamic helical medium. <i>Science Advances</i> , 2021 , 7,	14.3	5
293	Three-dimensional monolithic micro-LED display driven by atomically thin transistor matrix. <i>Nature Nanotechnology</i> , 2021 , 16, 1231-1236	28.7	20
292	Photoprogrammable Mesogenic Soft Helical Architectures: A Promising Avenue toward Future Chiro-Optics. <i>Advanced Materials</i> , 2020 , 32, e1905318	24	45
291	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
290	Smectic Defect Engineering Enabled by Programmable Photoalignment. <i>Advanced Optical Materials</i> , 2020 , 8, 2000593	8.1	7
289	Liquid-Crystal-Mediated Active Waveguides toward Programmable Integrated Optics. <i>Advanced Optical Materials</i> , 2020 , 8, 1902033	8.1	6
288	Photonic Spin-Multiplexing Metasurface for Switchable Spiral Phase Contrast Imaging. <i>Nano Letters</i> , 2020 , 20, 2791-2798	11.5	89
287	Photonic Entanglement Based on Nonlinear Metamaterials. <i>Laser and Photonics Reviews</i> , 2020 , 14, 1900146	14.6	10
286	Planar Terahertz Photonics Mediated by Liquid Crystal Polymers. <i>Advanced Optical Materials</i> , 2020 , 8, 1902124	8.1	18
285	Generation of an ultra-long sub-diffracted second-harmonic optical needle from a periodically poled LiNbO3 crystal. <i>Applied Physics Letters</i> , 2020 , 116, 081106	3.4	2
284	Ultrasensitive Photodetectors: Ultrahigh Responsivity Photodetectors of 2D Covalent Organic Frameworks Integrated on Graphene (Adv. Mater. 9/2020). <i>Advanced Materials</i> , 2020 , 32, 2070070	24	3
283	Ultrahigh Responsivity Photodetectors of 2D Covalent Organic Frameworks Integrated on Graphene. <i>Advanced Materials</i> , 2020 , 32, e1907242	24	62
282	Low-loss metasurface optics down to the deep ultraviolet region. <i>Light: Science and Applications</i> , 2020 , 9, 55	16.7	71
281	Three-dimensional entanglement on a silicon chip. <i>Npj Quantum Information</i> , 2020 , 6,	8.6	21
280	Liquid-Crystal-Mediated Geometric Phase: From Transmissive to Broadband Reflective Planar Optics. <i>Advanced Materials</i> , 2020 , 32, e1903665	24	49
279	Independent Amplitude Control of Arbitrary Orthogonal States of Polarization via Dielectric Metasurfaces. <i>Physical Review Letters</i> , 2020 , 125, 267402	7.4	55

278	Optical-field topological phase transition in nonlinear frequency conversion. <i>Optics Express</i> , 2020 , 28, 2818-2827	3.3	2
277	Liquid crystal integrated metalens with dynamic focusing property. <i>Optics Letters</i> , 2020 , 45, 4324-4327	3	9
276	Photorealistic full-color nanopainting enabled by low-loss metasurface. <i>Optica</i> , 2020 , 7,	8.6	26
275	3D porous graphene-assisted capsulized cholesteric liquid crystals for terahertz power visualization. <i>Optics Letters</i> , 2020 , 45, 5892-5895	3	2
274	Broadband detection of multiple spin and orbital angular momenta via dielectric metasurface. <i>Laser and Photonics Reviews</i> , 2020 , 14, 2000062	8.3	30
273	Spin-controlled massive channels of hybrid-order Poincaré sphere beams. <i>Applied Physics Letters</i> , 2020 , 117, 081101	3.4	8
272	Single-Pixel Imaging Based on Optical Fibers. <i>IEEE Photonics Journal</i> , 2020 , 12, 1-7	1.8	0
271	Liquid crystal programmable metasurface for terahertz beam steering. <i>Applied Physics Letters</i> , 2020 , 116, 131104	3.4	66
270	Complete measurement and multiplexing of orbital angular momentum Bell states. <i>Physical Review A</i> , 2019 , 100,	2.6	2
269	Liquid crystal enabled dynamic cloaking of terahertz Fano resonators. <i>Applied Physics Letters</i> , 2019 , 114, 041106	3.4	26
268	Light-Activated Liquid Crystalline Hierarchical Architecture Toward Photonics. <i>Advanced Optical Materials</i> , 2019 , 7, 1900393	8.1	19
267	Chirality invertible superstructure mediated active planar optics. <i>Nature Communications</i> , 2019 , 10, 25181	7.4	63
266	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
265	Hyperbolic Metamaterials and Metasurfaces: Fundamentals and Applications. <i>Advanced Optical Materials</i> , 2019 , 7, 1801616	8.1	81
264	Hyperbolic Metamaterials: Hyperbolic Metamaterials and Metasurfaces: Fundamentals and Applications (Advanced Optical Materials 14/2019). <i>Advanced Optical Materials</i> , 2019 , 7, 1970054	8.1	4
263	Stimulated transformation of soft helix among helicoidal, heliconical, and their inverse helices. <i>Science Advances</i> , 2019 , 5, eaax9501	14.3	41
262	Liquid crystal tunable terahertz lens with spin-selected focusing property. <i>Optics Express</i> , 2019 , 27, 8800-8807	3.9	27
261	Auto-transition of vortex- to vector-Airy beams via liquid crystal q-Airy-plates. <i>Optics Express</i> , 2019 , 27, 18848-18857	3.3	10

260	Evolution of orbital angular momentum in a soft quasi-periodic structure with topological defects. <i>Optics Express</i> , 2019 , 27, 21667-21676	3.3	4
259	Ferroelectric liquid crystal mediated fast switchable orbital angular momentum of light. <i>Optics Express</i> , 2019 , 27, 36903-36910	3.3	6
258	Research progress of terahertz liquid crystal materials and devices. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2019 , 68, 084205	0.6	3
257	Surface-enhanced Raman scattering of subwavelength metallic structures. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2019 , 68, 147401	0.6	2
256	Self-Assembled Asymmetric Microlenses for Four-Dimensional Visual Imaging. <i>ACS Nano</i> , 2019 , 13, 13709-13715	3.7	3
255	Broadband Generation of Photonic Spin-Controlled Arbitrary Accelerating Light Beams in the Visible. <i>Nano Letters</i> , 2019 , 19, 1158-1165	11.5	69
254	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
253	Photoinduced Liquid Crystal Domain Engineering for Optical Field Control 2019 , 361-387		1
252	Tunable and enhanced light emission in hybrid WS-optical-fiber-nanowire structures. <i>Light: Science and Applications</i> , 2019 , 8, 8	16.7	29
251	Ethanol Gas Sensor Based on a Hybrid Polymethyl Methacrylate/Silica Microfiber Coupler. <i>Journal of Lightwave Technology</i> , 2018 , 36, 2031-2036	4	14
250	Fragmentation of twisted light in photon-phonon nonlinear propagation. <i>Applied Physics Letters</i> , 2018 , 112, 161103	3.4	11
249	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
248	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
247	Thermally switchable photonic band-edge to random laser emission in dye-doped cholesteric liquid crystals. <i>Laser Physics Letters</i> , 2018 , 15, 035002	1.5	6
246	Digitalizing Self-Assembled Chiral Superstructures for Optical Vortex Processing. <i>Advanced Materials</i> , 2018 , 30, 1705865	24	99
245	Vortex Airy beams directly generated via liquid crystal q-Airy-plates. <i>Applied Physics Letters</i> , 2018 , 112, 121101	3.4	33
244	Angular Optical Transparency Induced by Photonic Topological Transitions in Metamaterials. <i>Laser and Photonics Reviews</i> , 2018 , 12, 1700309	8.3	17
243	Control the orbital angular momentum in third-harmonic generation using quasi-phase-matching. <i>Optics Express</i> , 2018 , 26, 17563-17570	3.3	9

242	Quasi-phase-matched second harmonic generation of long-range surface plasmon polaritons. <i>Optics Express</i> , 2018 , 26, 4194-4203	3-3	3
241	Generation of second-harmonic Ince-Gaussian beams. <i>Applied Physics Letters</i> , 2018 , 113, 081105	3-4	5
240	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
239	Parallel Processing OAM Modes Through Liquid Crystal Photoalignment 2018 ,		1
238	Controllable generation of second-harmonic vortex beams through nonlinear supercell grating. <i>Applied Physics Letters</i> , 2018 , 113, 221101	3-4	8
237	Visible Measurement of Terahertz Power Based on Capsulized Cholesteric Liquid Crystal Film. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 2580	2-6	4
236	Perfect Higher-Order Poincaré Sphere Beams from Digitalized Geometric Phases. <i>Physical Review Applied</i> , 2018 , 10,	4-3	22
235	Liquid-crystal-integrated metadevice: towards active multifunctional terahertz wave manipulations. <i>Optics Letters</i> , 2018 , 43, 4695-4698	3	34
234	Photon-phonon Interaction in a Microfiber Induced by Optical and Electrostrictive Forces. <i>Scientific Reports</i> , 2017 , 7, 41849	4-9	3
233	Smectic Layer Origami via Preprogrammed Photoalignment. <i>Advanced Materials</i> , 2017 , 29, 1606671	24	30
232	Optical field control via liquid crystal photoalignment. <i>Molecular Crystals and Liquid Crystals</i> , 2017 , 644, 3-11	0-5	4
231	Digitalized Geometric Phases for Parallel Optical Spin and Orbital Angular Momentum Encoding. <i>ACS Photonics</i> , 2017 , 4, 1333-1338	6-3	69
230	Extremely High-Efficiency Coupling Method for Hollow-Core Photonic Crystal Fiber. <i>IEEE Photonics Journal</i> , 2017 , 9, 1-8	1-8	2
229	Study on the Polarization of Random Lasers from Dye-Doped Nematic Liquid Crystals. <i>Nanoscale Research Letters</i> , 2017 , 12, 27	5	18
228	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
227	Plasmonic band-edge modulated surface-enhanced Raman scattering. <i>Applied Physics Letters</i> , 2017 , 111, 051601	3-4	2
226	Light-Patterned Crystallographic Direction of a Self-Organized 3D Soft Photonic Crystal. <i>Advanced Materials</i> , 2017 , 29, 1703165	24	94
225	Manipulation of Nonlinear Optical Properties of Graphene Bonded Fiber Devices by Thermally Engineering FermiDirac Distribution. <i>Advanced Optical Materials</i> , 2017 , 5, 1700630	8-1	7

224	Going beyond the limit of an LCD's color gamut. <i>Light: Science and Applications</i> , 2017 , 6, e17043	16.7	114
223	Nonlinear optics in optical-fiber nanowires and their applications. <i>Progress in Quantum Electronics</i> , 2017 , 55, 35-51	9.1	9
222	Orbital angular momentum (OAM) conversion and multicasting using N-core supermode fiber. <i>Scientific Reports</i> , 2017 , 7, 1062	4.9	7
221	Tailoring the photon spin via light-matter interaction in liquid-crystal-based twisting structures. <i>Npj Quantum Materials</i> , 2017 , 2,	5	6
220	Spiral holographic imaging through quantum interference. <i>Applied Physics Letters</i> , 2017 , 111, 011105	3.4	4
219	Coherent Random Lasing from Dye Aggregates in Polydimethylsiloxane Thin Films. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 27232-27238	9.5	16
218	Subradiant Dipolar Interactions in Plasmonic Nanoring Resonator Array for Integrated Label-Free Biosensing. <i>ACS Sensors</i> , 2017 , 2, 1796-1804	9.2	23
217	Broadband enhancement of photoluminance from colloidal metal halide perovskite nanocrystals on plasmonic nanostructured surfaces. <i>Scientific Reports</i> , 2017 , 7, 14695	4.9	3
216	Generation of strong cylindrical vector pulses via stimulated Brillouin amplification. <i>Applied Physics Letters</i> , 2017 , 110, 141104	3.4	13
215	Free-standing plasmonic metal-dielectric-metal bandpass filter with high transmission efficiency. <i>Scientific Reports</i> , 2017 , 7, 4357	4.9	21
214	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
213	The controllable intensity and polarization degree of random laser from sheared dye-doped polymer-dispersed liquid crystal. <i>Nanophotonics</i> , 2017 , 7, 473-478	6.3	6
212	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, 11556-11563	3.3	9
211	Terahertz vortex beam generator based on a photopatterned large birefringence liquid crystal. <i>Optics Express</i> , 2017 , 25, 12349-12356	3.3	62
210	Helicity-dependent forked vortex lens based on photo-patterned liquid crystals. <i>Optics Express</i> , 2017 , 25, 14059-14064	3.3	14
209	Graphene-assisted high-efficiency liquid crystal tunable terahertz metamaterial absorber. <i>Optics Express</i> , 2017 , 25, 23873-23879	3.3	75
208	Tunable reflective liquid crystal terahertz waveplates. <i>Optical Materials Express</i> , 2017 , 7, 2023	2.6	40
207	High-sensitivity optical-fiber-compatible photodetector with an integrated CsPbBr ₃ /graphene hybrid structure. <i>Optica</i> , 2017 , 4, 835	8.6	34

206	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
205	Fiber-Optic Point-Based Sensor Using Specklegram Measurement. <i>Sensors</i> , 2017 , 17,	3.8	9
204	Generating, Separating and Polarizing Terahertz Vortex Beams via Liquid Crystals with Gradient-Rotation Directors. <i>Crystals</i> , 2017 , 7, 314	2.3	12
203	Versatile hybrid plasmonic microfiber knot resonator. <i>Optics Letters</i> , 2017 , 42, 3395-3398	3	10
202	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
201	Influence of optical forces on nonlinear optical frequency conversion in nanoscale waveguide devices. <i>Optics Express</i> , 2016 , 24, 1633-40	3.3	
200	Generation of Equal-Energy Orbital Angular Momentum Beams via Photopatterned Liquid Crystals. <i>Physical Review Applied</i> , 2016 , 5,	4.3	46
199	Meta-q-plate for complex beam shaping. <i>Scientific Reports</i> , 2016 , 6, 25528	4.9	67
198	Tunable dual-wavelength filter and its group delay dispersion in domain-engineered lithium niobate. <i>AIP Advances</i> , 2016 , 6, 125034	1.5	5
197	Mechanical Modulation of a Hybrid Graphene-Microfiber Structure. <i>Advanced Optical Materials</i> , 2016 , 4, 853-857	8.1	14
196	Beam shaping via photopatterned liquid crystals. <i>Liquid Crystals</i> , 2016 , 43, 2051-2061	2.3	31
195	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
194	Tunable waveguide bends with graphene-based anisotropic metamaterials. <i>Applied Physics Express</i> , 2016 , 9, 025101	2.4	3
193	Optical array generator based on blue phase liquid crystal Dammann grating. <i>Optical Materials Express</i> , 2016 , 6, 1087	2.6	26
192	Introduction: Nonlinear Optics (NLO) 2015 feature issue. <i>Optical Materials Express</i> , 2016 , 6, 466	2.6	
191	A Fiber Laser Using Graphene-Integrated 3-D Microfiber Coil. <i>IEEE Photonics Journal</i> , 2016 , 8, 1-7	1.8	1
190	Simulation of Optical Microfiber Strain Sensors Based on Four-Wave Mixing. <i>IEEE Sensors Journal</i> , 2016 , 16, 3068-3074	4	8
189	Coupled orbital angular momentum conversions in a quasi-periodically poled LiTaO ₃ crystal. <i>Optics Letters</i> , 2016 , 41, 1169-72	3	26

188	"Hot-wire" microfluidic flowmeter based on a microfiber coupler. <i>Optics Letters</i> , 2016 , 41, 5680-5683	3	29
187	Integrated and reconfigurable optical paths based on stacking optical functional films. <i>Optics Express</i> , 2016 , 24, 25510-25514	3.3	14
186	Extended Cauchy equations of congruent LiNbO ₃ in the terahertz band and their applications. <i>Optical Materials Express</i> , 2016 , 6, 3766	2.6	2
185	Liquid crystal depolarizer based on photoalignment technology. <i>Photonics Research</i> , 2016 , 4, 70	6	17
184	Lasing of self-organized helical cholesteric liquid crystal micro-droplets based on emulsification. <i>Optical Materials Express</i> , 2016 , 6, 1256	2.6	8
183	Synthesis of single-crystal low-loss LiBO nanowire and its optical properties. <i>Scientific Reports</i> , 2016 , 6, 39389	4.9	2
182	Label-free measurements on cell apoptosis using a terahertz metamaterial-based biosensor. <i>Applied Physics Letters</i> , 2016 , 108, 241105	3.4	62
181	Generation of self-healing and transverse accelerating optical vortices. <i>Applied Physics Letters</i> , 2016 , 109, 121105	3.4	18
180	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
179	Fork gratings based on ferroelectric liquid crystals. <i>Optics Express</i> , 2016 , 24, 5822-8	3.3	16
178	Bridging the terahertz near-field and far-field observations of liquid crystal based metamaterial absorbers. <i>Chinese Physics B</i> , 2016 , 25, 094222	1.2	7
177	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
176	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
175	Squeezing a Surface Plasmon through Quadratic Nonlinear Interactions. <i>ACS Photonics</i> , 2016 , 3, 2074-2083	3	7
174	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	2.4	3
173	Entanglement of photons with complex spatial structure in Hermite-Laguerre-Gaussian modes. <i>Physical Review A</i> , 2016 , 94,	2.6	10
172	Micro-patterned photo-aligned ferroelectric liquid crystal Fresnel zone lens. <i>Optics Letters</i> , 2015 , 40, 1643-6	3	43
171	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

170	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
169	Photo-induced storage and mask-free arbitrary micro-patterning in solution-processable and simple-structured photochromic organic light-emitting diodes. <i>Organic Electronics</i> , 2015 , 26, 476-480	3.5	9
168	Optical electrical current sensor utilizing a graphene-microfiber-integrated coil resonator. <i>Applied Physics Letters</i> , 2015 , 107, 053502	3.4	39
167	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
166	Reconfigurable optical-force-drive chirp and delay line in micro- or nanofiber Bragg grating. <i>Physical Review A</i> , 2015 , 91,	2.6	3
165	Polarization-controllable Airy beams generated via a photoaligned director-variant liquid crystal mask. <i>Scientific Reports</i> , 2015 , 5, 17484	4.9	42
164	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
163	Rationally Designed Dynamic Superstructures Enabled by Photoaligning Cholesteric Liquid Crystals. <i>Advanced Optical Materials</i> , 2015 , 3, 1691-1696	8.1	46
162	Miniature optical fiber current sensor based on a graphene membrane. <i>Laser and Photonics Reviews</i> , 2015 , 9, 517-522	8.3	23
161	Broadband tunable liquid crystal terahertz waveplates driven with porous graphene electrodes. <i>Light: Science and Applications</i> , 2015 , 4, e253-e253	16.7	111
160	An all-optical modulator based on a stereo graphene-microfiber structure. <i>Light: Science and Applications</i> , 2015 , 4, e360-e360	16.7	101
159	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
158	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
157	Tunable terahertz filter based on alternative liquid crystal layers and metallic slats. <i>Chinese Optics Letters</i> , 2015 , 13, 120401-120404	2.2	10
156	Ampere force based photonic crystal fiber magnetic field sensor. <i>Sensors and Actuators A: Physical</i> , 2014 , 210, 95-98	3.9	18
155	Generating switchable and reconfigurable optical vortices via photopatterning of liquid crystals. <i>Advanced Materials</i> , 2014 , 26, 1590-5	24	113
154	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
153	The electrically and magnetically controllable random laser from dye-doped liquid crystals. <i>Journal of Applied Physics</i> , 2014 , 116, 053103	2.5	15

152	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
151	Tailoring entanglement through domain engineering in a lithium niobate waveguide. <i>Scientific Reports</i> , 2014 , 4, 4812	4.9	9
150	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
149	Fast switchable optical vortex generator based on blue phase liquid crystal fork grating. <i>Optical Materials Express</i> , 2014 , 4, 2535	2.6	26
148	An Electrically Tunable Polarizer for a Fiber System Based on a Polarization-Dependent Beam Size Derived From a Liquid Crystal Lens. <i>IEEE Photonics Journal</i> , 2014 , 6, 1-8	1.8	4
147	A miniature reflective micro-force sensor based on a microfiber coupler. <i>Optics Express</i> , 2014 , 22, 2443-503	3.3	42
146	Multifunctional optical nanofiber polarization devices with 3D geometry. <i>Optics Express</i> , 2014 , 22, 17890-6	3.6	9
145	Platform for enhanced light-graphene interaction length and miniaturizing fiber stereo devices. <i>Optica</i> , 2014 , 1, 307	8.6	27
144	Influence of van der Waals forces on the waveguide deformation and power limit of nanoscale waveguide devices. <i>Physical Review A</i> , 2014 , 89,	2.6	5
143	Hybrid plasmonic waveguide in a metal V-groove. <i>AIP Advances</i> , 2014 , 4, 017103	1.5	21
142	Tunable Fano resonance in hybrid graphene-metal gratings. <i>Applied Physics Letters</i> , 2014 , 104, 161114	3.4	47
141	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
140	34.4: Invited Paper: THz Devices based on High Birefringence Liquid Crystals. <i>Digest of Technical Papers SID International Symposium</i> , 2014 , 45, 491-494	0.5	1
139	Introduction: Nonlinear Optics (NLO) 2013 feature. <i>Optical Materials Express</i> , 2014 , 4, 41	2.6	1
138	Single-polarization microfiber and resonator for sensing applications 2014 ,		1
137	Fabrication of liquid crystal gratings based on photoalignment technology 2013 ,		1
136	Thermally tunable random laser in dye-doped liquid crystals. <i>Journal of Modern Optics</i> , 2013 , 60, 1607-1611	1.1	19
135	Quantum entanglement based on surface phonon polaritons in condensed matter systems. <i>AIP Advances</i> , 2013 , 3, 042122	1.5	5

134	Highly effective and reproducible surface-enhanced Raman scattering substrates based on Ag pyramidal arrays. <i>Nano Research</i> , 2013 , 6, 159-166	10	63
133	Metallic Grating on a D-Shaped Fiber for Refractive Index Sensing. <i>IEEE Photonics Journal</i> , 2013 , 5, 4800708-4800706	10	706
132	Efficient surface second-harmonic generation in slot micro/nano-fibers. <i>Optics Express</i> , 2013 , 21, 11554-613	613	8
131	A fast response variable optical attenuator based on blue phase liquid crystal. <i>Optics Express</i> , 2013 , 21, 5332-7	33	21
130	Complex liquid crystal alignments accomplished by Talbot self-imaging. <i>Optics Express</i> , 2013 , 21, 7608-133	133	3
129	Nonlinear frequency conversion of fields with orbital angular momentum using quasi-phase-matching. <i>Physical Review A</i> , 2013 , 88,	2.6	39
128	Lead silicate fiber-based, refractive index-independent temperature sensor. <i>Journal of Modern Optics</i> , 2013 , 60, 851-853	1.1	2
127	Brief review of recent research on blue phase liquid crystal materials and devices. <i>Chinese Optics Letters</i> , 2013 , 11, 011601-11605	2.2	10
126	Surface Plasmon Interferometer Based on Wedge Metal Waveguide and Its Sensing Applications. <i>IEEE Photonics Journal</i> , 2012 , 4, 291-299	1.8	8
125	A Heterodyne Optical Fiber Current Sensor Based on a Nanowire-Grid In-Line Polarizer. <i>IEEE Photonics Journal</i> , 2012 , 4, 1288-1294	1.8	8
124	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
123	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
122	. <i>IEEE Sensors Journal</i> , 2012 , 12, 1681-1685	4	4
121	Liquid crystal gratings based on alternate TN and PA photoalignment. <i>Optics Express</i> , 2012 , 20, 5384-91	33	67
120	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
119	Microfiber-based Bragg gratings for sensing applications: a review. <i>Sensors</i> , 2012 , 12, 8861-76	3.8	91
118	Ultra-highly sensitive surface-corrugated microfiber Bragg grating force sensor. <i>Applied Physics Letters</i> , 2012 , 101, 133502	3-4	40
117	Coupling influence on the refractive index sensitivity of photonic wire ring resonator. <i>Optics Communications</i> , 2012 , 285, 5144-5147	2	1

116	Ultra-Sensitive Refractive Index Sensor With Slightly Tapered Photonic Crystal Fiber. <i>IEEE Photonics Technology Letters</i> , 2012 , 24, 1771-1774	2.2	31
115	Ultra-small microfiber Bragg grating force sensor with greater sensitivity 2012 ,		1
114	Modeling of the influence of coupling in optical microfiber resonators. <i>Optics Express</i> , 2012 , 20, 14392-9	3.3	4
113	Arbitrary photo-patterning in liquid crystal alignments using DMD based lithography system. <i>Optics Express</i> , 2012 , 20, 16684	3.3	113
112	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
111	Optical parametric amplification of arbitrarily polarized light in periodically poled LiNbO ₃ . <i>Optics Express</i> , 2012 , 20, 19343-8	3.3	10
110	Miniaturized broadband highly birefringent device with stereo rod-microfiber-air structure. <i>Optics Express</i> , 2012 , 20, 28431-6	3.3	4
109	Bistable state in polymer stabilized blue phase liquid crystal. <i>Optical Materials Express</i> , 2012 , 2, 1353	2.6	5
108	Fast response dual-frequency liquid crystal switch with photo-patterned alignments. <i>Optics Letters</i> , 2012 , 37, 3627-9	3	42
107	Large birefringence liquid crystal material in terahertz range. <i>Optical Materials Express</i> , 2012 , 2, 1314	2.6	76
106	Mimicing surface phonon polaritons in microwave band based on ionic-type phononic crystal. <i>Applied Physics Letters</i> , 2012 , 101, 151109	3.4	12
105	Fast switchable grating based on orthogonal photo alignments of ferroelectric liquid crystals. <i>Applied Physics Letters</i> , 2012 , 101, 031112	3.4	80
104	Polarization independent liquid crystal gratings based on orthogonal photoalignments. <i>Applied Physics Letters</i> , 2012 , 100, 111116	3.4	56
103	Loop-mirror-based slot waveguide refractive index sensor. <i>AIP Advances</i> , 2012 , 2, 042142	1.5	4
102	Miniature tapered photonic crystal fiber interferometer with enhanced sensitivity by acid microdroplets etching. <i>Applied Optics</i> , 2011 , 50, 4328-32	0.2	28
101	Polarization independent quasi-phase-matched sum frequency generation for single photon detection. <i>Optics Express</i> , 2011 , 19, 380-6	3.3	6
100	Ultra-flattened and low dispersion in engineered microfibers with highly efficient nonlinearity reduction. <i>Optics Express</i> , 2011 , 19, 15229-35	3.3	17
99	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

98	Teflon-coated microfiber resonator with weak temperature dependence. <i>Optics Express</i> , 2011 , 19, 22923-38	3.8	37
97	Broadband and highly efficient quadratic interactions in double-slot lithium niobate waveguides through phase matching. <i>Optics Letters</i> , 2011 , 36, 2533-5	3	7
96	Electromagnetically induced transparency-like transmission in periodically poled lithium niobate with a defect. <i>Optics Letters</i> , 2011 , 36, 4434-6	3	6
95	Liquid crystal blue phase induced by bent-shaped molecules with allylic end groups. <i>Optical Materials Express</i> , 2011 , 1, 1478	2.6	16
94	Highly Birefringent Slot-Microfiber. <i>IEEE Photonics Technology Letters</i> , 2011 , 23, 1034-1036	2.2	18
93	Self-polarizing terahertz liquid crystal phase shifter. <i>AIP Advances</i> , 2011 , 1, 032133	1.5	63
92	An Optical Fiber Tip Micrograting Thermometer. <i>IEEE Photonics Journal</i> , 2011 , 3, 810-814	1.8	35
91	Dispersion Study of Optical Nanowire Microcoil Resonators. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2011 , 17, 1102-1106	3.8	12
90	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
89	Miniaturized Metal-Dielectric-Hybrid Fiber Tip Grating for Refractive Index Sensing. <i>IEEE Photonics Technology Letters</i> , 2011 , 23, 1712-1714	2.2	22
88	A wavelength selective bidirectional isolator for access optical networks. <i>Optical Fiber Technology</i> , 2011 , 17, 191-195	2.4	1
87	Polaritons in an artificial ionic-type crystal made of two-dimensional periodically inversed multi-domain ferroelectric crystals. <i>Journal of Applied Physics</i> , 2011 , 109, 064110	2.5	10
86	Electro-optic tunable optical isolator in periodically poled LiNbO ₃ . <i>Journal of Applied Physics</i> , 2011 , 109, 053111	2.5	11
85	Axially Symmetric Continuous Domain Vertical Aligned LCD: Poincare Sphere Analysis of Brightness Enhancement by Using Circular Polarizer. <i>Molecular Crystals and Liquid Crystals</i> , 2011 , 545, 176/[1400]-189/[1413]	0.5	1413
84	POLARIZATION INSENSITIVE QUASI-PHASE-MATCHED SECOND HARMONIC GENERATION. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2011 , 20, 129-136	0.8	5
83	Measurement of Surface Plasmon Polariton Enhanced Goos-Hanchen Shift Based on Grating and Liquid Crystal Technologies. <i>IEEE Photonics Technology Letters</i> , 2011 , 23, 1829-1831	2.2	5
82	Photonic crystal fibre based modal interferometer with four-beam path interference. <i>Electronics Letters</i> , 2011 , 47, 719	1.1	2
81	A transflective nano-wire grid polarizer based fiber-optic sensor. <i>Sensors</i> , 2011 , 11, 2488-95	3.8	15

80	Coupling influence on the sensitivity of microfiber resonator sensors 2011 ,		1
79	Mathematical model for manufacturing microfiber coil resonators. <i>Optical Engineering</i> , 2010 , 49, 044001	1.1	3
78	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
77	Photonic crystal fibre based high temperature sensor with three-beam path interference. <i>Electronics Letters</i> , 2010 , 46, 1394	1.1	5
76	A Microfiber Bragg Grating Based on a Microstructured Rod: A Proposal. <i>IEEE Photonics Technology Letters</i> , 2010 , 22, 218-220	2.2	22
75	A bidirectional tunable optical diode based on periodically poled LiNbO ₃ . <i>Optics Express</i> , 2010 , 18, 7340-6	3.3	27
74	Miniaturized fiber taper reflective interferometer for high temperature measurement. <i>Optics Express</i> , 2010 , 18, 14245-50	3.3	130
73	Microfiber-probe-based ultrasmall interferometric sensor. <i>Optics Letters</i> , 2010 , 35, 2308-10	3	60
72	Tunable broadband isolator based on electro-optically induced linear gratings in a nonlinear photonic crystal. <i>Optics Letters</i> , 2010 , 35, 3327-9	3	9
71	Dispersion Enhancement and Linearization in a Dynamic DWDM Channel Blocker. <i>Journal of Lightwave Technology</i> , 2010 , 28, 822-827	4	2
70	A Liquid Crystal Tunable Wavelength-Interleaved Isolator With Flat Spectral Response. <i>Journal of Lightwave Technology</i> , 2010 , 28, 2890-2896	4	
69	Fiber-Optic Pressure Sensor Based on Tunable Liquid Crystal Technology. <i>IEEE Photonics Journal</i> , 2010 , 2, 292-298	1.8	20
68	Nonlinear plasmonic frequency conversion through quasiphase matching. <i>Physical Review B</i> , 2010 , 82,	3.3	27
67	Biomimetic corrugated silicon nanocone arrays for self-cleaning antireflection coatings. <i>Nano Research</i> , 2010 , 3, 520-527	10	90
66	Monolithically Integrated 30-wavelength DFB Laser Array 2009 ,		6
65	Acousto-optic interaction in photonic crystals with defects. <i>Journal of Applied Physics</i> , 2009 , 106, 043107	2.5	23
64	Aberration analysis and efficiency improvement of a bidirectional optical subassembly. <i>Optical Engineering</i> , 2009 , 48, 105008	1.1	1
63	Experimental demonstration of distributed feedback semiconductor lasers based on reconstruction-equivalent-chirp technology. <i>Optics Express</i> , 2009 , 17, 5240-5	3.3	73

62	Acousto-optic tunable second harmonic generation in periodically poled LiNbO ₃ . <i>Optics Express</i> , 2009 , 17, 11965-71	3.3	8
61	A microfluidic refractometric sensor based on gratings in optical fibre microwires. <i>Optics Express</i> , 2009 , 17, 20866-71	3.3	40
60	A Multiexposure Technology for Sampled Bragg Gratings and its Applications in Dual-Wavelength Lasing Generation and OCDMA En/Decoding. <i>IEEE Photonics Technology Letters</i> , 2009 , 21, 1639-1641	2.2	9
59	Monolithically integrated 30-wavelength DFB laser array 2009 ,		7
58	Liquid crystal modulator with ultra-wide dynamic range and adjustable driving voltage. <i>Optics Express</i> , 2008 , 16, 13168-74	3.3	8
57	Dynamic channel blocker/equalizer with high blocking extinction ratio. <i>Optical Engineering</i> , 2008 , 47, 025003	1.1	1
56	Effect of an imperfect antireflection coating on a birefringent interleaver in an optical communications system. <i>Optical Engineering</i> , 2007 , 46, 095005	1.1	
55	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
54	Variable optical attenuator with a polymer-stabilized dual-frequency liquid crystal. <i>Applied Optics</i> , 2005 , 44, 4394-7	1.7	14
53	Liquid-Crystal-Based Fourier Optical Spectrum Analyzer without Moving Parts. <i>Japanese Journal of Applied Physics</i> , 2005 , 44, 291-293	1.4	3
52	Dual-Frequency Addressed Variable Optical Attenuator with Submillisecond Response Time. <i>Japanese Journal of Applied Physics</i> , 2005 , 44, 1292-1295	1.4	47
51	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
50	Polarization switch using thick holographic polymer-dispersed liquid crystal grating. <i>Journal of Applied Physics</i> , 2004 , 95, 810-815	2.5	40
49	Electrically tunable liquid-crystal photonic crystal fiber. <i>Applied Physics Letters</i> , 2004 , 85, 2181-2183	3.4	241
48	Dual-frequency addressed hybrid-aligned nematic liquid crystal. <i>Applied Physics Letters</i> , 2004 , 85, 3354-3356	3.4	49
47	Phonon-polaritons in quasiperiodic piezoelectric superlattices. <i>Applied Physics Letters</i> , 2004 , 85, 3531-3533	3.4	16
46	Variable optical attenuator based on polymer stabilized twisted nematic liquid crystal. <i>Optics Express</i> , 2004 , 12, 1221-7	3.3	44
45	Submillisecond response variable optical attenuator based on sheared polymer network liquid crystal. <i>Optics Express</i> , 2004 , 12, 6382-9	3.3	29

44	A liquid crystal-based Fourier optical spectrum analyzer. <i>IEEE Photonics Technology Letters</i> , 2004 , 16, 861-863	2.2	8
43	New type of polariton in a piezoelectric superlattice. <i>Physical Review Letters</i> , 2003 , 90, 053903	7.4	54
42	Integrated switchable reflector based on periodically poled acoustic superlattice LiNbO ₃ . <i>Journal Physics D: Applied Physics</i> , 2002 , 35, 1414-1421	3	2
41	Coherent microwave generation in a nonlinear photonic crystal. <i>IEEE Journal of Quantum Electronics</i> , 2002 , 38, 481-485	2	9
40	Electro-optic spectral filter based on optical superlattice LiNbO ₃ . <i>Ferroelectrics</i> , 2001 , 253, 217-224	0.6	
39	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
38	TE-TM mode converter based on PPLN waveguide. <i>Ferroelectrics</i> , 2001 , 253, 201-208	0.6	
37	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
36	Acoustic superlattice with linear taper of period and applications. <i>Ferroelectrics</i> , 2001 , 253, 209-215	0.6	
35	Fabrication of the ionic-type phononic crystal and its long-wavelength optical properties. <i>Ferroelectrics</i> , 2001 , 252, 289-296	0.6	2
34	Growth of LiNbO ₃ crystal with periodic ferroelectric domain structure by current-induction and its acoustic application. <i>Ferroelectrics</i> , 2001 , 252, 273-280	0.6	2
33	Fabrication of acoustic superlattice LiNbO ₃ by pulsed current induction and its application for crossed field ultrasonic excitation. <i>Applied Physics Letters</i> , 2000 , 77, 1891	3.4	10
32	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
31	Invited review. <i>Phase Transitions</i> , 2000 , 72, 239-298	1.3	8
30	Optical properties of an ionic-type phononic crystal. <i>Science</i> , 1999 , 284, 1822-4	33.3	123
29	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
28	Spectral properties and quasi-phase-matched second-harmonic generation in a new active medium: optical superlattice Nd:MgO:LiNbO ₃ . <i>Applied Physics B: Lasers and Optics</i> , 1998 , 67, 29-32	1.9	9
27	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

26	A change in domain morphology in optical superlattice induced by thermal annealing. <i>Journal of Physics Condensed Matter</i> , 1997 , 9, 747-752	1.8	2
25	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
24	Periodic surface structures fabricated by one excimer laser pulse through a silica phase mask grating. <i>Science Bulletin</i> , 1997 , 42, 1787-1792		
23	Frequency doubling a CW diode laser to generate 489 nm blue light in optical superlattice LiNbO ₃ . <i>Electronics Letters</i> , 1996 , 32, 336	1.1	4
22	Fabrication of LiNbO_3 Phase Gratings by Excimer Laser Ablation through a Silica Phase Mask. <i>Japanese Journal of Applied Physics</i> , 1996 , 35, L1593-L1595	1.4	2
21	Optical Bistability in Incident-Dependent Two-Dimensional Nonlinear Optical Superlattices. <i>Chinese Physics Letters</i> , 1996 , 13, 913-915	1.8	
20	Formation mechanism for ferroelectric domain structures in a LiNbO ₃ optical superlattice. <i>Applied Physics Letters</i> , 1996 , 68, 2642-2644	3.4	26
19	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
18	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
17	Efficient continuous wave blue light generation in optical superlattice LiNbO ₃ by direct frequency doubling a 978 nm InGaAs diode laser. <i>Applied Physics Letters</i> , 1996 , 69, 1660-1661	3.4	3
16	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
15	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
14	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
13	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
12	Upconversion of 1.064 μm Nd:YAG laser pulses into intense visible light in erbium-doped phosphate fibers. <i>Optics Communications</i> , 1995 , 115, 110-114	2	9
11	A Phenomenological Study of Angle-Resolved Photoemission Spectra for High- T _c Superconductors. <i>Communications in Theoretical Physics</i> , 1992 , 18, 143-146	2.4	
10	Multifunctional Liquid Crystal Device for Grayscale Pattern Display and Holography with Tunable Spectral-Response. <i>Laser and Photonics Reviews</i> , 2100591	8.3	7
9	Analogous Optical Activity in Free Space Using a Single Pancharatnam Berry Phase Element. <i>Laser and Photonics Reviews</i> , 2100291	8.3	3

8	Advances in Chip-Scale Quantum Photonic Technologies. <i>Advanced Quantum Technologies</i> ,2100068	4.3	3
7	Visible and Online Detection of Near-Infrared Optical Vortices via Nonlinear Photonic Crystals. <i>Advanced Optical Materials</i> ,2101098	8.1	3
6	Generation of Perfect Vortex Beams by Dielectric Geometric Metasurface for Visible Light. <i>Laser and Photonics Reviews</i> ,2100390	8.3	11
5	Full-Stokes Polarimetry for Visible Light Enabled by an All-Dielectric Metasurface. <i>Advanced Photonics Research</i> ,2100373	1.9	2
4	Simultaneous Realization of Dynamic and Hybrid Multiplexed Holography via Light-Activated Chiral Superstructures. <i>Laser and Photonics Reviews</i> ,2200011	8.3	5
3	Photo-Actuated Chiral Smectic Superstructures. <i>Advanced Optical Materials</i> ,2102754	8.1	1
2	3D Engineering of Orbital Angular Momentum Beams via Liquid-Crystal Geometric Phase. <i>Laser and Photonics Reviews</i> ,2200118	8.3	2
1	Spin-Decoupled Transflective Spatial Light Modulations Enabled by a Piecewise-Twisted Anisotropic Monolayer. <i>Advanced Science</i> ,2202424	13.6	6