

Wei Hu

List of Publications by Year in descending order

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186
papers

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71102

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times ranked

3813
citing authors

#	ARTICLE	IF	CITATIONS
1	Visible and Online Detection of Near-Infrared Optical Vortices via Nonlinear Photonic Crystals. <i>Advanced Optical Materials</i> , 2022, 10, 2101098.	7.3	11
2	Modulation of Chirality and Intensity of Circularly Polarized Luminescence Emitting from Cholesteric Liquid Crystals Triggered by Photoresponsive Molecular Motor. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	31
3	Analogous Optical Activity in Free Space Using a Single Pancharatnam Berry Phase Element. <i>Laser and Photonics Reviews</i> , 2022, 16, 2100291.	8.7	15
4	An All-Liquid-Crystal Strategy for Fast Orbital Angular Momentum Encoding and Optical Vortex Steering. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2022, 28, 1-6.	2.9	1
5	Visible and Online Detection of Near-Infrared Optical Vortices via Nonlinear Photonic Crystals (Advanced Optical Materials 1/2022). <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	0
6	Dynamically Selective and Simultaneous Detection of Spin and Orbital Angular Momenta of Light with Thermoresponsive Self-Assembled Chiral Superstructures. <i>ACS Photonics</i> , 2022, 9, 1050-1057.	6.6	12
7	Broadband spatial polarization processing of light via a photopatterned dichroic medium. <i>Applied Physics Letters</i> , 2022, 120, 041103.	3.3	2
8	Effects of chemically functionalized TiO_2 nanoparticles on the UV-shielding characteristics of polymer-dispersed liquid crystals. <i>Polymers for Advanced Technologies</i> , 2022, 33, 1561-1568.	3.2	10
9	Multifunctional Liquid Crystal Device for Grayscale Pattern Display and Holography with Tunable Spectral Response. <i>Laser and Photonics Reviews</i> , 2022, 16, .	8.7	29
10	Patterned optical anisotropic film for generation of non-diffracting vortex beams. <i>Applied Physics Letters</i> , 2022, 120, .	3.3	2
11	Tunable Circularly Polarized Luminescence with a High Dissymmetry Factor Emitted from Luminogen-Bonded and Electrically Controlled Polymer-Stabilized Cholesteric Liquid Crystals. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 8490-8498.	8.0	27
12	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.	2.1	5
13	Liquid Crystalline Composite Stabilized by Epoxy Polymer with Boscage-Like Morphology for Energy-Efficient Smart Windows with High Stability. <i>Macromolecular Materials and Engineering</i> , 2022, 307, .	3.6	7
14	Ultrathin flexible terahertz metamaterial bandstop filter based on laser-induced graphene. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2022, 39, 1229.	2.1	5
15	Simultaneous Realization of Dynamic and Hybrid Multiplexed Holography via Light-Activated Chiral Superstructures. <i>Laser and Photonics Reviews</i> , 2022, 16, .	8.7	22
16	Transflective spatial terahertz wave modulator. <i>Optics Letters</i> , 2022, 47, 1650.	3.3	7
17	Stability of Impulsive Stochastic Delay Systems with Markovian Switched Delay Effects. <i>Mathematics</i> , 2022, 10, 1110.	2.2	3
18	Polarization-dispersive imaging spectrometer for scattering circular dichroism spectroscopy of single chiral nanostructures. <i>Light: Science and Applications</i> , 2022, 11, 64.	16.6	22

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19	Photo-Actuated Chiral Smectic Superstructures. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	3
20	Combined effect of hydroxylated and fluorinated acrylate monomers on improving the electro-optical and mechanical performances of PDLC-films. <i>Liquid Crystals</i> , 2022, 49, 769-779.	2.2	11
21	TiO ₂ doped polymer dispersed and stabilised liquid crystal smart film with high contrast ratio, low driving voltage and short response time. <i>Liquid Crystals</i> , 2022, 49, 1623-1632.	2.2	6
22	Freestanding Helical Nanostructured Chiral-Photonic Crystal Film and Anticounterfeiting Label Enabled by a Cholesterol-Grafted Light-Driven Molecular Motor. <i>Small Methods</i> , 2022, 6, e2200269.	8.6	32
23	Stochastic Finite-Time Stability for Stochastic Nonlinear Systems with Stochastic Impulses. <i>Symmetry</i> , 2022, 14, 817.	2.2	3
24	Ultralow-power all-optical switching via a chiral Mach-Zehnder interferometer. <i>Optics Express</i> , 2022, 30, 19199.	3.4	3
25	Pancharatnam-Berry phase reversal via opposite-chirality-coexisted superstructures. <i>Light: Science and Applications</i> , 2022, 11, 135.	16.6	28
26	Spin-Decoupled Transflective Spatial Light Modulations Enabled by a Piecewise-Twisted Anisotropic Monolayer. <i>Advanced Science</i> , 2022, 9, .	11.2	17
27	Dual-color terahertz spatial light modulator for single-pixel imaging. <i>Light: Science and Applications</i> , 2022, 11, .	16.6	53
28	Flexible Control of Broadband Polarization in a Spintronic Terahertz Emitter Integrated with Liquid Crystal and Metasurface. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 32646-32656.	8.0	10
29	Electrically Tunable Microlens Array Enabled by Polymer-Stabilized Smectic Hierarchical Architectures. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	11
30	Switchable Second-Harmonic Generation of Airy Beam and Airy Vortex Beam. <i>Advanced Optical Materials</i> , 2021, 9, 2001776.	7.3	15
31	Photoalignment enabled liquid crystal microstructures for optics and photonics. <i>Chinese Journal of Liquid Crystals and Displays</i> , 2021, 36, 921-938.	0.3	0
32	Ultrastable liquid crystalline blue phase from molecular synergistic self-assembly. <i>Nature Communications</i> , 2021, 12, 1440.	12.8	38
33	High Efficient Metadevices for Terahertz Beam Shaping. <i>Frontiers in Physics</i> , 2021, 9, .	2.1	4
34	Light-Driven Pitch Tuning of Self-Assembled Hierarchical Gratings. <i>Crystals</i> , 2021, 11, 326.	2.2	2
35	Tunable band-pass optical vortex processor enabled by wash-out-refill chiral superstructures. <i>Applied Physics Letters</i> , 2021, 118, .	3.3	26
36	Electrically Tunable Terahertz Focusing Modulator Enabled by Liquid Crystal Integrated Dielectric Metasurface. <i>Crystals</i> , 2021, 11, 514.	2.2	7

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37	Programmable Chromism and Photoluminescence of Spiropyran-Based Liquid Crystalline Polymer with Tunable Glass Transition Temperature. <i>Angewandte Chemie</i> , 2021, 133, 19555-19561.	2.0	0
38	Programmable Chromism and Photoluminescence of Spiropyran-Based Liquid Crystalline Polymer with Tunable Glass Transition Temperature. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 19406-19412.	13.8	24
39	Programmable self-propelling actuators enabled by a dynamic helical medium. <i>Science Advances</i> , 2021, 7, .	10.3	21
40	47.4: Invited Paper: Softmatter photonics: a strong competitor for planar optics. <i>Digest of Technical Papers SID International Symposium</i> , 2021, 52, 576-576.	0.3	0
41	Achromatic terahertz Airy beam generation with dielectric metasurfaces. <i>Nanophotonics</i> , 2021, 10, 1123-1131.	6.0	27
42	Liquid crystal devices for vector vortex beams manipulation and quantum information applications [Invited]. <i>Chinese Optics Letters</i> , 2021, 19, 112601.	2.9	24
43	Broadband decoupled spin and orbital angular momentum detection via programming dual-twist reactive mesogens. <i>Optics Letters</i> , 2021, 46, 5751-5754.	3.3	6
44	Remotely Controlling Drug Release by Light-Responsive Cholesteric Liquid Crystal Microcapsules Triggered by Molecular Motors. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 59221-59230.	8.0	13
45	Liquid-Crystal-Mediated Geometric Phase: From Transmissive to Broadband Reflective Planar Optics. <i>Advanced Materials</i> , 2020, 32, e1903665.	21.0	124
46	Moment exponential stability of stochastic delay systems with delayed impulse effects at random times and applications in the stabilisation of stochastic neural networks. <i>International Journal of Control</i> , 2020, 93, 2505-2515.	1.9	12
47	Broadband Multichannel Optical Vortex Generators via Patterned Double-Layer Reverse-Twist Liquid Crystal Polymer. <i>Crystals</i> , 2020, 10, 882.	2.2	9
48	Spin-controlled massive channels of hybrid-order Poincaré sphere beams. <i>Applied Physics Letters</i> , 2020, 117, .	3.3	11
49	Smectic Defect Engineering Enabled by Programmable Photoalignment. <i>Advanced Optical Materials</i> , 2020, 8, 2000593.	7.3	14
50	Liquid-Crystal-Mediated Active Waveguides toward Programmable Integrated Optics. <i>Advanced Optical Materials</i> , 2020, 8, 1902033.	7.3	12
51	Planar Terahertz Photonics Mediated by Liquid Crystal Polymers. <i>Advanced Optical Materials</i> , 2020, 8, 1902124.	7.3	31
52	Azobenzene Sulphonic Dye Photoalignment as a Means to Fabricate Liquid Crystalline Conjugated Polymer Chain-Oriented-Based Optical Structures. <i>Advanced Optical Materials</i> , 2020, 8, 1901958.	7.3	9
53	Liquid crystal programmable metasurface for terahertz beam steering. <i>Applied Physics Letters</i> , 2020, 116, .	3.3	169
54	Liquid crystal integrated metalens with tunable chromatic aberration. <i>Advanced Photonics</i> , 2020, 2, 1.	11.8	68

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55	Liquid-crystal splitter for generating and separating autofocusing and autodefocusing circular Airy beams. <i>Optics Express</i> , 2020, 28, 26151.	3.4	10
56	Liquid crystal integrated metalens with dynamic focusing property. <i>Optics Letters</i> , 2020, 45, 4324.	3.3	30
57	Tunable terahertz absorber based on transparent and flexible metamaterial. <i>Chinese Optics Letters</i> , 2020, 18, 092403.	2.9	22
58	Photopatterned liquid crystal mediated terahertz Bessel vortex beam generator [Invited]. <i>Chinese Optics Letters</i> , 2020, 18, 080003.	2.9	5
59	Editorial for special issue on soft-matter photonics (soft mattonics). <i>Chinese Optics Letters</i> , 2020, 18, 080001.	2.9	0
60	3D porous graphene-assisted capsulized cholesteric liquid crystals for terahertz power visualization. <i>Optics Letters</i> , 2020, 45, 5892.	3.3	22
61	Broadband achromatic metalens in terahertz regime. <i>Science Bulletin</i> , 2019, 64, 1525-1531.	9.0	98
62	54.2: <i>Invited Paper:</i> Liquid Crystal Based Optical Processing. <i>Digest of Technical Papers SID International Symposium</i> , 2019, 50, 589-589.	0.3	0
63	Complete measurement and multiplexing of orbital angular momentum Bell states. <i>Physical Review A</i> , 2019, 100, .	2.5	10
64	Liquid crystal enabled dynamic cloaking of terahertz Fano resonators. <i>Applied Physics Letters</i> , 2019, 114, .	3.3	45
65	Light-Activated Liquid Crystalline Hierarchical Architecture Toward Photonics. <i>Advanced Optical Materials</i> , 2019, 7, 1900393.	7.3	29
66	Chirality invertible superstructure mediated active planar optics. <i>Nature Communications</i> , 2019, 10, 2518.	12.8	106
67	Some Improved Razumikhin Stability Criteria for Impulsive Stochastic Delay Differential Systems. <i>IEEE Transactions on Automatic Control</i> , 2019, 64, 5207-5213.	5.7	153
68	Broadband Reflection in Polymer-Stabilized Cholesteric Liquid Crystals via Thiol-Acrylate Chemistry. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6698-6702.	13.8	62
69	Broadband Reflection in Polymer-Stabilized Cholesteric Liquid Crystals via Thiol-Acrylate Chemistry. <i>Angewandte Chemie</i> , 2019, 131, 6770-6774.	2.0	8
70	A Fast-Response and Helicity-Dependent Lens Enabled by Micro-Patterned Dual-Frequency Liquid Crystals. <i>Crystals</i> , 2019, 9, 111.	2.2	15
71	Self-Assembled Asymmetric Microlenses for Four-Dimensional Visual Imaging. <i>ACS Nano</i> , 2019, 13, 13709-13715.	14.6	39
72	Moment exponential stability of stochastic nonlinear delay systems with impulse effects at random times. <i>International Journal of Robust and Nonlinear Control</i> , 2019, 29, 3809-3820.	3.7	43

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73	Liquid crystal tunable terahertz lens with spin-selected focusing property. Optics Express, 2019, 27, 8800.	3.4	42
74	Auto-transition of vortex- to vector-Airy beams via liquid crystal q-Airy-plates. Optics Express, 2019, 27, 18848.	3.4	15
75	Liquid crystal beyond displays: feature introduction. Optics Express, 2019, 27, 20785.	3.4	5
76	Evolution of orbital angular momentum in a soft quasi-periodic structure with topological defects. Optics Express, 2019, 27, 21667.	3.4	6
77	Ferroelectric liquid crystal mediated fast switchable orbital angular momentum of light. Optics Express, 2019, 27, 36903.	3.4	10
78	Research progress of terahertz liquid crystal materials and devices. Wuli Xuebao/Acta Physica Sinica, 2019, 68, 084205.	0.5	10
79	Fragmentation of twisted light in photon-phonon nonlinear propagation. Applied Physics Letters, 2018, 112, .	3.3	18
80	Digitalizing Self-Assembled Chiral Superstructures for Optical Vortex Processing. Advanced Materials, 2018, 30, 1705865.	21.0	131
81	Vortex Airy beams directly generated via liquid crystal q-Airy-plates. Applied Physics Letters, 2018, 112, .	3.3	47
82	Liquid Crystal Tunable Dielectric Metamaterial Absorber in the Terahertz Range. Applied Sciences (Switzerland), 2018, 8, 2211.	2.5	23
83	Perfect Higher-Order Poincaré Sphere Beams from Digitalized Geometric Phases. Physical Review Applied, 2018, 10, .	3.8	31
84	Liquid-crystal-integrated metadvice: towards active multifunctional terahertz wave manipulations. Optics Letters, 2018, 43, 4695.	3.3	54
85	Reversible light-directed self-organized 3D liquid crystalline photonic nanostructures doped with azobenzene-functionalized bent-shaped molecules. Journal of Materials Chemistry C, 2018, 6, 7740-7744.	5.5	19
86	Control the orbital angular momentum in third-harmonic generation using quasi-phase-matching. Optics Express, 2018, 26, 17563.	3.4	15
87	Magnetically and electrically polarization-tunable THz emitter with integrated ferromagnetic heterostructure and large-birefringence liquid crystal. Applied Physics Express, 2018, 11, 092101.	2.4	47
88	A novel light diffuser based on the combined morphology of polymer networks and polymer balls in a polymer dispersed liquid crystals film. RSC Advances, 2018, 8, 21690-21698.	3.6	35
89	Nonelectric Sustaining Bistable Polymer Framework Liquid Crystal Films with a Novel Semirigid Polymer Matrix. ACS Applied Materials & Interfaces, 2018, 10, 22757-22766.	8.0	15
90	Bias-Dependent Polarity Dependent Bidirectional Modulation of Photonic Bandgap in a Nanoengineered 3D Blue Phase Polymer Scaffold for Tunable Laser Application. Advanced Optical Materials, 2018, 6, 1800409.	7.3	34

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91	Ultrafast switching of optical singularity eigenstates with compact integrable liquid crystal structures. <i>Optics Express</i> , 2018, 26, 28818.	3.4	17
92	Parallel Processing OAM Modes Through Liquid Crystal Photoalignment. , 2018, , .		1
93	Smectic Layer Origami via Preprogrammed Photoalignment. <i>Advanced Materials</i> , 2017, 29, 1606671.	21.0	42
94	Superstructures: Smectic Layer Origami via Preprogrammed Photoalignment (<i>Adv. Mater.</i> 15/2017). <i>Advanced Materials</i> , 2017, 29, .	21.0	0
95	Optical field control via liquid crystal photoalignment. <i>Molecular Crystals and Liquid Crystals</i> , 2017, 644, 3-11.	0.9	6
96	Digitalized Geometric Phases for Parallel Optical Spin and Orbital Angular Momentum Encoding. <i>ACS Photonics</i> , 2017, 4, 1333-1338.	6.6	93
97	Bifocal Optical-Vortex Lens with Sorting of the Generated Nonseparable Spin-Orbital Angular-Momentum States. <i>Physical Review Applied</i> , 2017, 7, .	3.8	41
98	Light- ϵ Patterned Crystallographic Direction of a Self- ϵ Organized 3D Soft Photonic Crystal. <i>Advanced Materials</i> , 2017, 29, 1703165.	21.0	120
99	Going beyond the limit of an LCD's color gamut. <i>Light: Science and Applications</i> , 2017, 6, e17043-e17043.	16.6	157
100	Tailoring the photon spin via light-matter interaction in liquid-crystal-based twisting structures. <i>Npj Quantum Materials</i> , 2017, 2, .	5.2	7
101	Dual-responsive deformation of a crosslinked liquid crystal polymer film with complex molecular alignment. <i>Soft Matter</i> , 2017, 13, 6145-6151.	2.7	14
102	Spiral holographic imaging through quantum interference. <i>Applied Physics Letters</i> , 2017, 111, .	3.3	6
103	Generation of strong cylindrical vector pulses via stimulated Brillouin amplification. <i>Applied Physics Letters</i> , 2017, 110, .	3.3	16
104	Improved Results on Delay-Dependent $H_{\infty} H_{\infty}$ Control for Uncertain Systems with Time-Varying Delays. <i>Circuits, Systems, and Signal Processing</i> , 2017, 36, 1836-1859.	2.0	4
105	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.	3.4	13
106	Terahertz vortex beam generator based on a photopatterned large birefringence liquid crystal. <i>Optics Express</i> , 2017, 25, 12349.	3.4	79
107	Helicity-dependent forked vortex lens based on photo-patterned liquid crystals. <i>Optics Express</i> , 2017, 25, 14059.	3.4	20
108	Graphene-assisted high-efficiency liquid crystal tunable terahertz metamaterial absorber. <i>Optics Express</i> , 2017, 25, 23873.	3.4	103

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109	Tunable reflective liquid crystal terahertz waveplates. <i>Optical Materials Express</i> , 2017, 7, 2023.	3.0	62
110	Switchable Fresnel lens based on hybrid photo-aligned dual frequency nematic liquid crystal. <i>Optical Materials Express</i> , 2017, 7, 8.	3.0	35
111	Light-Driven Rotation and Pitch Tuning of Self-Organized Cholesteric Gratings Formed in a Semi-Free Film. <i>Polymers</i> , 2017, 9, 295.	4.5	22
112	Generating, Separating and Polarizing Terahertz Vortex Beams via Liquid Crystals with Gradient-Rotation Directors. <i>Crystals</i> , 2017, 7, 314.	2.2	16
113	Vortex-controlled morphology conversion of microstructures on silicon induced by femtosecond vector vortex beams. <i>Applied Physics Letters</i> , 2017, 111, .	3.3	44
114	Examining second-harmonic generation of high-order Laguerre-Gaussian modes through a single cylindrical lens. <i>Optics Letters</i> , 2017, 42, 4387.	3.3	22
115	Some progresses of photoalignment technique applied in liquid crystal nondisplay field. <i>Chinese Journal of Liquid Crystals and Displays</i> , 2017, 32, 411-423.	0.3	1
116	Integrated and reconfigurable optical paths based on stacking optical functional films. <i>Optics Express</i> , 2016, 24, 25510.	3.4	15
117	Extended Cauchy equations of congruent LiNbO ₃ in the terahertz band and their applications. <i>Optical Materials Express</i> , 2016, 6, 3766.	3.0	3
118	Liquid crystal depolarizer based on photoalignment technology. <i>Photonics Research</i> , 2016, 4, 70.	7.0	26
119	Lasing of self-organized helical cholesteric liquid crystal micro-droplets based on emulsification. <i>Optical Materials Express</i> , 2016, 6, 1256.	3.0	10
120	Label-free measurements on cell apoptosis using a terahertz metamaterial-based biosensor. <i>Applied Physics Letters</i> , 2016, 108, .	3.3	85
121	Generation of self-healing and transverse accelerating optical vortices. <i>Applied Physics Letters</i> , 2016, 109, .	3.3	23
122	Interlaced cholesteric liquid crystal fingerprint textures via sequential UV-induced polymer-stabilization. <i>Optical Materials Express</i> , 2016, 6, 19.	3.0	16
123	Fork gratings based on ferroelectric liquid crystals. <i>Optics Express</i> , 2016, 24, 5822.	3.4	21
124	Bridging the terahertz near-field and far-field observations of liquid crystal based metamaterial absorbers. <i>Chinese Physics B</i> , 2016, 25, 094222.	1.4	10
125	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.	5.5	31
126	Entanglement of photons with complex spatial structure in Hermite-Laguerre-Gaussian modes. <i>Physical Review A</i> , 2016, 94, .	2.5	16

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127	Generation of Equal-Energy Orbital Angular Momentum Beams via Photopatterned Liquid Crystals. <i>Physical Review Applied</i> , 2016, 5, .	3.8	55
128	Meta-q-plate for complex beam shaping. <i>Scientific Reports</i> , 2016, 6, 25528.	3.3	86
129	Beam shaping via photopatterned liquid crystals. <i>Liquid Crystals</i> , 2016, 43, 2051-2061.	2.2	42
130	Fast-response and high-efficiency optical switch based on dual-frequency liquid crystal polarization grating. <i>Optical Materials Express</i> , 2016, 6, 597.	3.0	38
131	Optical array generator based on blue phase liquid crystal Dammann grating. <i>Optical Materials Express</i> , 2016, 6, 1087.	3.0	30
132	Coupled orbital angular momentum conversions in a quasi-periodically poled LiTaO ₃ crystal. <i>Optics Letters</i> , 2016, 41, 1169.	3.3	35
133	Beam Shaping Based on Photopatterned Liquid Crystals. <i>Guangxue Xuebao/Acta Optica Sinica</i> , 2016, 36, 1026005.	1.2	1
134	Polarization-controllable Airy beams generated via a photoaligned director-variant liquid crystal mask. <i>Scientific Reports</i> , 2015, 5, 17484.	3.3	55
135	Generation of arbitrary vector beams with liquid crystal polarization converters and vector-photoaligned q-plates. <i>Applied Physics Letters</i> , 2015, 107, .	3.3	100
136	Rationally Designed Dynamic Superstructures Enabled by Photoaligning Cholesteric Liquid Crystals. <i>Advanced Optical Materials</i> , 2015, 3, 1691-1696.	7.3	58
137	Broadband tunable liquid crystal terahertz waveplates driven with porous graphene electrodes. <i>Light: Science and Applications</i> , 2015, 4, e253-e253.	16.6	148
138	Electrically tunable holographic polymer templated blue phase liquid crystal grating. <i>Chinese Physics B</i> , 2015, 24, 064203.	1.4	13
139	Wide tunable lasing in photoresponsive chiral liquid crystal emulsion. <i>Journal of Materials Chemistry C</i> , 2015, 3, 2462-2470.	5.5	44
140	Large birefringence smectic-A liquid crystals for high contrast bistable displays. <i>Optical Materials Express</i> , 2015, 5, 281.	3.0	8
141	Arbitrary and reconfigurable optical vortex generation: a high-efficiency technique using director-varying liquid crystal fork gratings. <i>Photonics Research</i> , 2015, 3, 133.	7.0	106
142	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.	2.6	12
143	Tunable terahertz filter based on alternative liquid crystal layers and metallic slats. <i>Chinese Optics Letters</i> , 2015, 13, 120401-120404.	2.9	12
144	Simulation and optimization of liquid crystal gratings with alternate twisted nematic and planar aligned regions. <i>Applied Optics</i> , 2014, 53, E14.	1.8	12

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145	Fast switchable optical vortex generator based on blue phase liquid crystal fork grating. Optical Materials Express, 2014, 4, 2535.	3.0	31
146	Tunable Fano resonance in hybrid graphene-metal gratings. Applied Physics Letters, 2014, 104, .	3.3	49
147	34.4: <i>Invited Paper</i>: THz Devices based on High Birefringence Liquid Crystals. Digest of Technical Papers SID International Symposium, 2014, 45, 491-494.	0.3	2
148	Generating Switchable and Reconfigurable Optical Vortices via Photopatterning of Liquid Crystals. Advanced Materials, 2014, 26, 1590-1595.	21.0	143
149	Fabrication of liquid crystal gratings based on photoalignment technology. Proceedings of SPIE, 2013, , .	0.8	1
150	Highly effective and reproducible surface-enhanced Raman scattering substrates based on Ag pyramidal arrays. Nano Research, 2013, 6, 159-166.	10.4	75
151	A fast response variable optical attenuator based on blue phase liquid crystal. Optics Express, 2013, 21, 5332.	3.4	24
152	Complex liquid crystal alignments accomplished by Talbot self-imaging. Optics Express, 2013, 21, 7608.	3.4	3
153	Brief review of recent research on blue phase liquid crystal materials and devices. Chinese Optics Letters, 2013, 11, 011601-11605.	2.9	12
154	Applications of Dynamic Mask Based Photolithography in Liquid Crystal Alignment. Chinese Journal of Liquid Crystals and Displays, 2013, 28, 199-203.	0.3	0
155	Arbitrary photo-patterning in liquid crystal alignments using DMD based lithography system. Optics Express, 2012, 20, 16684.	3.4	135
156	Bistable state in polymer stabilized blue phase liquid crystal. Optical Materials Express, 2012, 2, 1353.	3.0	5
157	Fast response dual-frequency liquid crystal switch with photo-patterned alignments. Optics Letters, 2012, 37, 3627.	3.3	47
158	Large birefringence liquid crystal material in terahertz range. Optical Materials Express, 2012, 2, 1314.	3.0	104
159	Fast switchable grating based on orthogonal photo alignments of ferroelectric liquid crystals. Applied Physics Letters, 2012, 101, .	3.3	85
160	Polarization independent liquid crystal gratings based on orthogonal photoalignments. Applied Physics Letters, 2012, 100, 111116.	3.3	68
161	Low-temperature-applicable polymer-stabilized blue-phase liquid crystal and its Kerr effect. Journal of the Society for Information Display, 2012, 20, 326-332.	2.1	13
162	Polarization-independent blue-phase liquid-crystal gratings driven by vertical electric field. Journal of the Society for Information Display, 2012, 20, 341-346.	2.1	45

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163	Liquid crystal gratings based on alternate TN and PA photoalignment. <i>Optics Express</i> , 2012, 20, 5384.	3.4	79
164	Liquid crystal gratings from nematic to blue phase. , 2012, , .		0
165	Pi: Fast Switchable Grating Based on Ferroelectric Liquid Crystal. <i>Digest of Technical Papers SID International Symposium</i> , 2012, 43, 1456-1458.	0.3	0
166	Liquid crystal blue phase induced by bent-shaped molecules with allylic end groups. <i>Optical Materials Express</i> , 2011, 1, 1478.	3.0	21
167	Optimization of biàlayered nanoàwire grids as highàefficiency polarizers for power recycling in liquidàcrystal displays. <i>Journal of the Society for Information Display</i> , 2011, 19, 441-446.	2.1	3
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