

Hui Cao

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1550511/hui-cao-publications-by-year.pdf>

Version: 2024-04-23

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.

142
papers

2,327
citations

25
h-index

39
g-index

149
ext. papers

2,705
ext. citations

3.8
avg, IF

4.61
L-index

#	Paper	IF	Citations
142	Acridine-based dyes as high-performance near-infrared Raman reporter molecules for cell imaging.. <i>RSC Advances</i> , 2022 , 12, 3380-3385	3.7	
141	Hydrophobicity regulates self-assembly behavior of binding-induced fibrillogenesis peptides. <i>Colloids and Interface Science Communications</i> , 2022 , 48, 100622	5.4	1
140	Quantification of uric acid concentration in tears by using PDMS inverse opal structure surface-enhanced Raman scattering substrates: Application in hyperuricemia.. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022 , 278, 121326	4.4	1
139	Vitrimer enhanced carbazole-based organic room-temperature phosphorescent materials. <i>New Journal of Chemistry</i> , 2021 , 46, 276-281	3.6	3
138	A Monotargeting Peptidic Network Antibody Inhibits More Receptors for Anti-Angiogenesis. <i>ACS Nano</i> , 2021 ,	16.7	1
137	Rapid discovery of self-assembling peptides with one-bead one-compound peptide library. <i>Nature Communications</i> , 2021 , 12, 4494	17.4	6
136	Synthesis, characterisation and comparative study of the hydroxyl, acrylate and vinyl-ether terminated cyanobiphenyl bridged with different spacer lengths. <i>Liquid Crystals</i> , 2021 , 48, 168-181	2.3	0
135	An antibody-like peptidic network for anti-angiogenesis. <i>Biomaterials</i> , 2021 , 275, 120900	15.6	1
134	Highly Efficient Spin-Filtering Transport in Chiral Hybrid Copper Halides. <i>Angewandte Chemie</i> , 2021 , 133, 23770	3.6	1
133	Highly Efficient Spin-Filtering Transport in Chiral Hybrid Copper Halides. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 23578-23583	16.4	5
132	Peptide-Based Nanoparticles Mimic Fibrillogenesis of Laminin in Tumor Vessels for Precise Embolization. <i>ACS Nano</i> , 2020 , 14, 7170-7180	16.7	21
131	Study on the morphologies and electro-optical properties of cyano-phenyl-ester liquid crystals/polymer composite films prepared by a stepwise polymerisation. <i>Liquid Crystals</i> , 2020 , 47, 1497-1506	4.3	9
130	Preparation of Liquid Crystal Film Capable of Shielding Visible Light Band by Two-Phase Coexistence. <i>Journal of Polymer Science</i> , 2020 , 58, 599-606	2.4	3
129	Synthesis and Characterization of New Benzo[e]Indol Salts for Second-Order Nonlinear Optics. <i>Crystals</i> , 2020 , 10, 242	2.3	3
128	Double-click synthesis of polysiloxane third-order nonlinear optical polymers with donor-acceptor chromophores. <i>Polymer Chemistry</i> , 2020 , 11, 3046-3053	4.9	3
127	Schiff base derivative doped chiral nematic liquid crystals with a large wavelength shift driven by temperature and light. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 561-566	7.1	5
126	Reflective Band Memory Effect of Cholesteric Polymer Networks Based on Washout/Refilling Method. <i>Macromolecular Chemistry and Physics</i> , 2020 , 221, 1900572	2.6	8

125	Synthesis and application of reversible fluorescent photochromic molecules based on tetraphenylethylene and photochromic groups. <i>New Journal of Chemistry</i> , 2019 , 43, 617-621	3.6	21
124	Fabrication of a controllable anti-peeping device with a laminated structure of microlouwer and polymer dispersed liquid crystals film. <i>Liquid Crystals</i> , 2019 , 46, 2235-2244	2.3	14
123	The effects of azo-oxadiazole-based bent-shaped molecules on the temperature range and the light-responsive performance of blue phase liquid crystal. <i>Liquid Crystals</i> , 2019 , 46, 1024-1034	2.3	12
122	TiO ₂ nanorod arrays induced broad-band reflection in chiral nematic liquid crystals with photo-polymerization network. <i>Liquid Crystals</i> , 2019 , 46, 210-218	2.3	11
121	Nanoparticle-doped chiral nematic liquid-crystal composite and its effect in magnetic-response and electric-response flexible display. <i>Liquid Crystals</i> , 2019 , 46, 249-256	2.3	5
120	Effect of Monomer Composition on the Performance of Polymer-Stabilized Liquid Crystals with Two-Step Photopolymerization. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2019 , 57, 1126-1132	2.6	8
119	Large-sized benzo[e]indolium salt single crystals with high optical nonlinearity. <i>CrystEngComm</i> , 2019 , 21, 5626-5632	3.3	9
118	Liquid crystalline blue phase materials with three-dimensional nanostructures. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 13352-13366	7.1	14
117	Self-Assembled Porphyrin-Based Nanoparticles with Enhanced Near-Infrared Absorbance for Fluorescence Imaging and Cancer Photodynamic Therapy.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 999-1005	4.1	14
116	Simultaneous Enhancement of Three Parameters of P3HT-Based Organic Solar Cells with One Oxygen Atom. <i>Advanced Energy Materials</i> , 2019 , 9, 1803012	21.8	45
115	3D nanomaterial silica aerogel via diffusion of chiral compound driven broadband reflection in chiral nematic liquid crystals. <i>Liquid Crystals</i> , 2019 , 46, 952-962	2.3	8
114	Third-order nonlinear optical properties of the clicked closed-ring spiropyrans. <i>Dyes and Pigments</i> , 2019 , 162, 451-458	4.6	6
113	Regulating content of thiol/LC and UV intensity to optimize morphology and electro-optical performance of polymer-dispersed liquid crystal. <i>Liquid Crystals</i> , 2018 , 45, 1726-1733	2.3	9
112	Silica aerogel films via ambient pressure drying for broadband reflectors. <i>New Journal of Chemistry</i> , 2018 , 42, 6525-6531	3.6	8
111	Synthesis of chiral azobenzene derivatives and the performance in photochemical control of blue phase liquid crystal. <i>Liquid Crystals</i> , 2018 , 45, 370-380	2.3	32
110	Binary "island" shaped arrays with high-density hot spots for surface-enhanced Raman scattering substrates. <i>Nanoscale</i> , 2018 , 10, 14220-14229	7.7	32
109	Effects of a chemically modified multiwall carbon nanotubes on electro-optical properties of PDLC films. <i>Liquid Crystals</i> , 2018 , 45, 1023-1031	2.3	29
108	The temperature range and optical properties of the liquid crystalline blue phase in inverse opal structures. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 11071-11077	7.1	4

107	Unconventional High-Performance Laser Protection System Based on Dichroic Dye-Doped Cholesteric Liquid Crystals. <i>Scientific Reports</i> , 2017 , 7, 42955	4.9	11
106	Synthesis and mesophase behaviour of branched azobenzene-based supramolecular hydrogen-bonded liquid crystals. <i>Liquid Crystals</i> , 2017 , 44, 593-602	2.3	12
105	Broadband reflection in polymer stabilized cholesteric liquid crystal films with stepwise photo-polymerization. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 2353-2358	3.6	22
104	Nonlinear optical properties of the novel kind of organic donor-acceptor thiophene derivatives with click chemistry modification. <i>Tetrahedron</i> , 2017 , 73, 6210-6216	2.4	14
103	Effects of functionality of thiol monomer on electro-optical properties of polymer-dispersed liquid crystal films. <i>Liquid Crystals</i> , 2017 , 44, 1086-1092	2.3	31
102	Energy-level tuning of poly(p-phenylenebutadiynylene) derivatives by click chemistry-type postfunctionalization of side-chain alkynes. <i>Reactive and Functional Polymers</i> , 2016 , 105, 114-121	4.6	4
101	Facile synthesis of functional poly(vinylene sulfide)s containing donor-acceptor chromophores by a double click reaction. <i>RSC Advances</i> , 2016 , 6, 59327-59332	3.7	9
100	Click chemistry functionalization improving the wideband optical-limiting performance of fullerene derivatives. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 7341-8	3.6	20
99	Effect of the dimeric H-bonded mesogens of chiral acids on the mesogenic and optical properties. <i>Liquid Crystals</i> , 2016 , 43, 874-885	2.3	4
98	Effects of thiophene-based mesogen terminated with branched alkoxy group on the temperature range and electro-optical performances of liquid crystalline blue phases. <i>Liquid Crystals</i> , 2016 , 43, 524-534	2.3	17
97	Blue phase liquid crystals affected by graphene oxide modified with aminoazobenzol group. <i>Liquid Crystals</i> , 2016 , 43, 573-580	2.3	18
96	Molecular Structures and Second-Order Nonlinear Optical Properties of Ionic Organic Crystal Materials. <i>Crystals</i> , 2016 , 6, 158	2.3	59
95	Third-order nonlinear optical properties of a novel series of azobenzene liquid crystal derivatives. <i>Molecular Crystals and Liquid Crystals</i> , 2016 , 630, 1-5	0.5	9
94	The effects of asymmetric bent-shaped compounds on the temperature range and electro-optical performances of liquid crystalline blue phases. <i>RSC Advances</i> , 2016 , 6, 110750-110757	3.7	5
93	Double UV polymerisation with variable temperature-controllable selective reflection of polymer-stabilised liquid crystal (PSLC) composites. <i>Liquid Crystals</i> , 2016 , 43, 1299-1306	2.3	10
92	The application of double click to synthesize a third-order nonlinear polymer containing donor-acceptor chromophores. <i>Polymer Chemistry</i> , 2016 , 7, 3714-3721	4.9	19
91	Preparation and optical properties of FeO nanoparticles-doped blue phase liquid crystal. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 29028-29032	3.6	23
90	Third-order nonlinear optical properties of a novel series of D-EA pyrene-aldehyde derivatives. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2016 , 25, 1650014	0.8	30

89	Application of Near-IR Absorption Porphyrin Dyes Derived from Click Chemistry as Third-Order Nonlinear Optical Materials. <i>ChemistryOpen</i> , 2016 , 5, 71-7	2.3	13
88	Effect of bent-shape and calamitic-shape of hydrogen-bonded mesogens on the liquid crystalline properties. <i>Liquid Crystals</i> , 2015 , 42, 1191-1200	2.3	9
87	Bistable polymer-dispersed cholesteric liquid crystal thin film enabled by a stepwise polymerization. <i>RSC Advances</i> , 2015 , 5, 58959-58965	3.7	14
86	Reverse-mode polymer dispersed liquid crystal films prepared by patterned polymer walls. <i>Liquid Crystals</i> , 2015 , 42, 1320-1328	2.3	20
85	Study on the electro-optical properties of polyimide-based polymer-dispersed liquid crystal films. <i>Liquid Crystals</i> , 2015 , 42, 1689-1697	2.3	18
84	Pyrene-Based Small Molecular Nonlinear Optical Materials Modified by "Click-Reaction" <i>Journal of Electronic Materials</i> , 2015 , 44, 2883-2889	1.9	14
83	Engineering of Organic Chromophores with Large Second-Order Optical Nonlinearity and Superior Crystal Growth Ability. <i>Crystal Growth and Design</i> , 2015 , 15, 5560-5567	3.5	25
82	Study on the effects of isotropic cross-linked pristine morphology and electro-optical properties of PDLC films. <i>Polymer Bulletin</i> , 2015 , 72, 2917-2930	2.4	6
81	Effects of donor and acceptor on optoelectronic performance for porphyrin derivatives: Nonlinear optical properties and dye-sensitized solar cells. <i>Chemical Research in Chinese Universities</i> , 2015 , 31, 992-996	3.3	6
80	Synthesis and co-assembly of gold nanoparticles functionalized by a pyrene-thiol derivative. <i>RSC Advances</i> , 2015 , 5, 140-145	3.7	6
79	Graphene Oxide Modified with Mesogenic Groups and Its Effect in Broad-Band Reflectors. <i>ChemPlusChem</i> , 2015 , 80, 673-678	2.8	7
78	Characterization and Morphology of Polymer-Dispersed Liquid Crystal Films. <i>Soft Materials</i> , 2014 , 12, 339-345	1.7	23
77	Energy level tunable pre-click functionalization of [60]fullerene for nonlinear optics. <i>Tetrahedron</i> , 2014 , 70, 573-577	2.4	25
76	Influence of the multi-functional epoxy monomers structure on the electro-optical properties and morphology of polymer-dispersed liquid crystal films. <i>Polymer Bulletin</i> , 2013 , 70, 2967-2980	2.4	18
75	Effects of a triethylamine catalyst on curing time and electro-optical properties of PDLC films. <i>RSC Advances</i> , 2013 , 3, 23533	3.7	19
74	Effect of cholesteric liquid crystalline elastomer with binaphthalene crosslinkings on thermal and optical properties of a liquid crystal that show smectic A-cholesteric phase transition. <i>Polymers for Advanced Technologies</i> , 2013 , 24, 228-235	3.2	14
73	Preparation and electro-optical properties of polymer dispersed liquid crystal films with relatively low liquid crystal content. <i>Polymers for Advanced Technologies</i> , 2013 , 24, 453-459	3.2	27
72	The influence of charged ions on the electro-optical properties of polymer-dispersed liquid crystal films prepared by ultraviolet-initiated cationic polymerization. <i>Journal of Applied Physics</i> , 2012 , 112, 043106	2.5	6

71	Influence of Interim Alkyl Chain Length on Phase Transitions and Wide-Band Reflective Behaviors of Side-Chain Liquid Crystalline Elastomers with Binaphthalene Crosslinkings. <i>Macromolecules</i> , 2012 , 45, 5556-5566	5.5	23
70	The UV polymerisation temperature dependence of polymer-dispersed liquid crystals based on epoxies/acrylates hybrid polymer matrix components. <i>Liquid Crystals</i> , 2012 , 39, 1131-1140	2.3	22
69	Effects of monomer structure on the morphology of polymer networks and the electro-optical properties of polymer-dispersed liquid crystal films. <i>Liquid Crystals</i> , 2012 , 39, 419-424	2.3	33
68	Chiral nematic liquid crystals with helix inversion from (R)-1,1'-binaphthyl and cholesteryl ester moieties. <i>Liquid Crystals</i> , 2012 , 39, 1284-1290	2.3	7
67	The influence of the structure of curable epoxy monomers on the electro-optical properties of polymer dispersed liquid crystal devices prepared by UV-initiated cationic polymerisation. <i>Liquid Crystals</i> , 2012 , 39, 433-440	2.3	19
66	Studies on electro-optical properties of polymer dispersed liquid crystal films based on epoxy resins prepared by UV-initiated cationic polymerisation. <i>Liquid Crystals</i> , 2012 , 39, 313-321	2.3	16
65	Effects of the functionality of epoxy monomer on the electro-optical properties of thermally-cured polymer dispersed liquid crystal films. <i>RSC Advances</i> , 2012 , 2, 2144	3.7	27
64	Broadband reflective liquid crystalline films prepared from liquid crystals with negative dielectric anisotropy. <i>Liquid Crystals</i> , 2012 , 39, 839-845	2.3	3
63	Study of polymer-dispersed liquid crystal systems using epoxies / acrylates as hybrid polymer matrix components. <i>Liquid Crystals</i> , 2012 , 39, 903-909	2.3	22
62	Photoinduced pitch gradients and the reflection behaviour of the broadband films: influence of dye concentration, light intensity, temperature and monomer concentration. <i>Liquid Crystals</i> , 2012 , 39, 707-714	2.3	18
61	Influence of linkage and terminal group on the liquid crystalline and helical twisting behaviours of cholesteryl esters. <i>Liquid Crystals</i> , 2011 , 38, 803-812	2.3	12
60	A helix inversion from the temperature-dependent intramolecular chiral conflict. <i>Liquid Crystals</i> , 2011 , 38, 633-638	2.3	8
59	Liquid crystalline and thermo-optical properties of cyclic siloxane tetramers containing cholesteryl-4-allyloxy-benzoate and biphenyl-4-yl 4-allyloxybenzoate. <i>Liquid Crystals</i> , 2011 , 38, 9-15	2.3	16
58	Controllable properties and microstructure of hydrogels based on crosslinked poly(ethylene glycol) diacrylates with different molecular weights. <i>Journal of Applied Polymer Science</i> , 2011 , 121, 531-540	2.9	47
57	Bandwidth-controllable reflective polarisers based on the temperature-dependent chiral conflict in binary chiral mixtures. <i>Liquid Crystals</i> , 2011 , 38, 233-239	2.3	13
56	Pitch gradient induced by disklike chiral molecular diffusion in chiral-nematic liquid crystals. <i>Journal of Applied Physics</i> , 2010 , 107, 063711	2.5	2
55	Magnetite nanoparticles/chiral nematic liquid crystal composites with magnetically addressable and magnetically erasable characteristics. <i>Liquid Crystals</i> , 2010 , 37, 563-569	2.3	24
54	Broadband reflection characteristic of polymer-stabilised cholesteric liquid crystal with pitch gradient induced by a hydrogen bond. <i>Liquid Crystals</i> , 2010 , 37, 1275-1280	2.3	26

53	Bandwidth-controllable reflective cholesteric gels from photo- and thermally-induced processes. <i>Liquid Crystals</i> , 2010 , 37, 311-316	2.3	15
52	Effects of the chain length of crosslinking agents on the electro-optical properties of polymer-dispersed liquid crystal films. <i>Liquid Crystals</i> , 2010 , 37, 339-343	2.3	46
51	Effects of the structures of epoxy monomers on the electro-optical properties of heat-cured polymer-dispersed liquid crystal films. <i>Liquid Crystals</i> , 2010 , 37, 189-193	2.3	26
50	Electrically controllable selective reflection of chiral nematic liquid crystal/chiral ionic liquid composites. <i>Advanced Materials</i> , 2010 , 22, 468-72	24	125
49	The influence of crosslinking agents on the morphology and electro-optical performances of PDLC films. <i>Journal of Applied Polymer Science</i> , 2010 , 117, n/a-n/a	2.9	7
48	Chiral polymer networks with a broad reflection band achieved with varying temperature. <i>Polymer</i> , 2010 , 51, 5990-5996	3.9	39
47	Studies on the electro-optical properties of polymer stabilised cholesteric liquid crystal/aerosil particles composites. <i>Liquid Crystals</i> , 2009 , 36, 93-100	2.3	4
46	Characteristics of wide-band reflection of polymer-stabilised cholesteric liquid crystal cell prepared from an unsticking technique. <i>Liquid Crystals</i> , 2009 , 36, 939-946	2.3	17
45	Super wide-band reflective polarisers from polymer stabilised liquid crystal films. <i>Liquid Crystals</i> , 2009 , 36, 497-501	2.3	7
44	Wide Blue Phase Range in a Hydrogen-Bonded Self-Assembled Complex of Chiral Fluoro-Substituted Benzoic Acid and Pyridine Derivative. <i>Advanced Materials</i> , 2009 , 21, 2050-2053	24	172
43	Studies on electro-optical properties of polymer matrix/LC/SiO ₂ nanoparticles composites. <i>Journal of Applied Polymer Science</i> , 2009 , 111, 1449-1453	2.9	24
42	Effects of monomer structure on the morphology of polymer network and the electro-optical property of reverse-mode polymer-stabilized cholesteric texture. <i>Journal of Applied Polymer Science</i> , 2009 , 111, 1353-1357	2.9	46
41	Preparation and reflectance properties of new cholesteric liquid crystalline copolymers containing cholesteryl group. <i>Polymer Engineering and Science</i> , 2009 , 49, 937-944	2.3	3
40	Thermally controllable reflective characteristics from rupture and self-assembly of hydrogen bonds in cholesteric liquid crystals. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 13882-5	3.4	19
39	Effects of the preparing condition of a polymer-stabilised liquid crystal with a smectic-A _h chiral nematic phase transition on its properties. <i>Liquid Crystals</i> , 2009 , 36, 165-172	2.3	1
38	Synthesis and mesomorphic properties of two series of new azine-type liquid crystals. <i>Liquid Crystals</i> , 2008 , 35, 581-585	2.3	20
37	Effects on thermo-optical properties of the composition of a polymer-stabilised liquid crystal with a smectic A _h chiral nematic phase transition. <i>Liquid Crystals</i> , 2008 , 35, 1151-1160	2.3	9
36	Reflectance properties of polymer-stabilised cholesteric liquid crystals cells with cholesteryl compounds of different functionality. <i>Liquid Crystals</i> , 2008 , 35, 87-97	2.3	37

35	Studies on the electro-optical properties of chiral nematic liquid crystal/aerosil particle composites. <i>Liquid Crystals</i> , 2008 , 35, 49-54	2.3	13
34	Study on selective reflection properties of chiral nematic liquid crystalline composites with a non-uniform pitch distribution. <i>Liquid Crystals</i> , 2008 , 35, 1313-1320	2.3	8
33	A study of electro-optical properties of PDLC films prepared by dual UV and heat curing. <i>Liquid Crystals</i> , 2008 , 35, 587-595	2.3	19
32	Polymer stabilized liquid crystal films reflecting both right- and left-circularly polarized light. <i>Applied Physics Letters</i> , 2008 , 93, 201901	3.4	89
31	Inclusion complexes of (hbox{cholesteryl-(\varepsilon\text{-caprolactone})}_{\overline{10}}}) functionalized polymer with β -cyclodextrin. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2008 , 60, 95-101		3
30	Effects of the structures of polymerizable monomers on the electro-optical properties of UV cured polymer dispersed liquid crystal films. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2008 , 46, 1369-1375	2.6	50
29	Effect of specific rotation of chiral dopant and polymerization temperature on reflectance properties of polymer stabilized cholesteric liquid crystal cells. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2008 , 46, 1562-1570	2.6	6
28	Control of the microstructure of polymer network and effects of the microstructures on light scattering properties of UV-cured polymer-dispersed liquid crystal films. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2008 , 46, 2090-2099	2.6	48
27	Broadband reflection in polymer stabilized cholesteric liquid crystal cells with chiral monomers derived from cholesterol. <i>Polymers for Advanced Technologies</i> , 2008 , 19, 1504	3.2	12
26	Synthesis and phase behaviour of hydrogen-bonded liquid crystalline complexes of allyloxybenzoic acid compounds with 4,4'-bipyridine. <i>Liquid Crystals</i> , 2007 , 34, 855-860	2.3	10
25	Effect of a chiral dopant on the electro-optical properties of polymer-dispersed liquid-crystal films. <i>Journal of Applied Polymer Science</i> , 2007 , 105, 2185-2189	2.9	18
24	Supramolecular inclusion complexes of biodegradable cholesteryl-(ε -caprolactone) _n functionalized polymer with β -cyclodextrin. <i>Journal of Applied Polymer Science</i> , 2007 , 105, 1700-1706	2.9	1
23	Wide-band reflective polarizers from cholesteric liquid crystals with stable optical properties. <i>Journal of Applied Polymer Science</i> , 2007 , 105, 2973-2977	2.9	32
22	Synthesis and characterization of functionalized triblock polymer: The prepared polymer is cholesteryl terminated and chain-extended PCL. <i>Journal of Applied Polymer Science</i> , 2007 , 105, 3505-3512	2.9	15
21	Electrically induced and thermally erased properties of side-chain liquid crystalline polymer/liquid crystal/chiral dopant composites. <i>Liquid Crystals</i> , 2007 , 34, 949-954	2.3	5
20	New micro-structure designs of a wide band reflective polarizer with a pitch gradient. <i>Liquid Crystals</i> , 2007 , 34, 473-477	2.3	22
19	Electrically addressed and thermally erased cholesteric cells. <i>Applied Physics Letters</i> , 2006 , 89, 081130	3.4	38
18	Role of Fluorescent Material on Electro-optical Performance of PDLC Devices. <i>Liquid Crystals</i> , 1-10	2.3	1

17	Broadband reflection cholesteric liquid crystal film fabricated by near-infrared photothermal response technology. <i>Liquid Crystals</i> ,1-11	2.3	0
16	Influence of ZnO NPs on morphological and electro-optical properties of polymer-dispersed liquid crystals. <i>Liquid Crystals</i> ,1-10	2.3	4
15	Broadband reflection in polymer-stabilized cholesteric liquid crystal film with zinc oxide nanoparticles film thermal diffusion method. <i>Liquid Crystals</i> ,1-10	2.3	3
14	The relationship between crosslinker, liquid crystal, and magnetic nanomaterial doping on electro-optical properties of PDLC. <i>Liquid Crystals</i> ,1-11	2.3	0
13	Broadband reflection prepared by loading chiral dopants in white carbon black. <i>Liquid Crystals</i> ,1-9	2.3	1
12	Studies on electro-optical properties of polymer dispersed liquid crystals doped with reticular nanofiber films prepared by electrospinning. <i>Liquid Crystals</i> ,1-9	2.3	4
11	Polymer dispersed liquid crystals doped with CeO ₂ nanoparticles for the smart window. <i>Liquid Crystals</i> ,1-10	2.3	8
10	Doping white carbon black particles to adjust the electro-optical properties of PDLC. <i>Liquid Crystals</i> ,1-10	2.3	1
9	Thermally bandwidth-controllable reflective liquid crystal films prepared by doping nano-sized electrospun fibers. <i>Liquid Crystals</i> ,1-9	2.3	2
8	Preparation of cholesteric polymer networks with broadband reflection memory effect. <i>Liquid Crystals</i> ,1-9	2.3	2
7	Spin-Dependent Charge Transport in 1D Chiral Hybrid Lead-Bromide Perovskite with High Stability. <i>Advanced Functional Materials</i> ,2104605	15,6	9
6	High dielectric properties, TiO ₂ nanoparticles doped PDLC devices for lower switching voltage. <i>Liquid Crystals</i> ,1-10	2.3	0
5	Self-diffusion method for broadband reflection in polymer-stabilized cholesteric liquid crystal films. <i>Liquid Crystals</i> ,1-10	2.3	1
4	Preparation and properties of water-responsive films with color controllable based on liquid crystal and poly(ethylene glycol) interpenetrating polymer network. <i>Liquid Crystals</i> ,1-9	2.3	1
3	Mesophase properties of fluorene-core mesogens and their effects on blue phase liquid crystals. <i>Liquid Crystals</i> ,1-11	2.3	1
2	Cholesteric liquid crystal films with adjustable wavelength band and reflectance by using wash-out/refill technique and light-responsive compounds. <i>Liquid Crystals</i> ,1-11	2.3	1
1	Low voltage tunable cholesteric liquid crystal based on electrochemical process. <i>Liquid Crystals</i> ,1-11	2.3	