

Hui Cao

List of Publications by Citations

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

Version: 2024-04-20

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	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
141	Electrically controllable selective reflection of chiral nematic liquid crystal/chiral ionic liquid composites. <i>Advanced Materials</i> , 2010 , 22, 468-72	24	125
140	Polymer stabilized liquid crystal films reflecting both right- and left-circularly polarized light. <i>Applied Physics Letters</i> , 2008 , 93, 201901	3.4	89
139	Molecular Structures and Second-Order Nonlinear Optical Properties of Ionic Organic Crystal Materials. <i>Crystals</i> , 2016 , 6, 158	2.3	59
138	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
137	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
136	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
135	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
134	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
133	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
132	Chiral polymer networks with a broad reflection band achieved with varying temperature. <i>Polymer</i> , 2010 , 51, 5990-5996	3.9	39
131	Electrically addressed and thermally erased cholesteric cells. <i>Applied Physics Letters</i> , 2006 , 89, 081130	3.4	38
130	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
129	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
128	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
127	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
126	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

125	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
124	Third-order nonlinear optical properties of a novel series of D- π A pyrene-aldehyde derivatives. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2016 , 25, 1650014	0.8	30
123	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
122	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
121	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
120	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
119	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
118	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
117	Energy level tunable pre-click functionalization of [60]fullerene for nonlinear optics. <i>Tetrahedron</i> , 2014 , 70, 573-577	2.4	25
116	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
115	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
114	Characterization and Morphology of Polymer-Dispersed Liquid Crystal Films. <i>Soft Materials</i> , 2014 , 12, 339-345	1.7	23
113	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
112	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
111	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
110	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
109	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
108	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

107	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
106	Peptide-Based Nanoparticles Mimic Fibrillogenesis of Laminin in Tumor Vessels for Precise Embolization. <i>ACS Nano</i> , 2020 , 14, 7170-7180	16.7	21
105	Reverse-mode polymer dispersed liquid crystal films prepared by patterned polymer walls. <i>Liquid Crystals</i> , 2015 , 42, 1320-1328	2.3	20
104	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
103	Synthesis and mesomorphic properties of two series of new azine-type liquid crystals. <i>Liquid Crystals</i> , 2008 , 35, 581-585	2.3	20
102	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
101	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
100	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
99	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
98	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
97	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
96	Blue phase liquid crystals affected by graphene oxide modified with aminoazobenzol group. <i>Liquid Crystals</i> , 2016 , 43, 573-580	2.3	18
95	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
94	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
93	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
92	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
91	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
90	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

89	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
88	Bandwidth-controllable reflective cholesteric gels from photo- and thermally-induced processes. <i>Liquid Crystals</i> , 2010 , 37, 311-316	2.3	15
87	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
86	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
85	Fabrication of a controllable anti-peeping device with a laminated structure of microlouver and polymer dispersed liquid crystals film. <i>Liquid Crystals</i> , 2019 , 46, 2235-2244	2.3	14
84	Bistable polymer-dispersed cholesteric liquid crystal thin film enabled by a stepwise polymerization. <i>RSC Advances</i> , 2015 , 5, 58959-58965	3.7	14
83	Pyrene-Based Small Molecular Nonlinear Optical Materials Modified by Click-Reaction <i>Journal of Electronic Materials</i> , 2015 , 44, 2883-2889	1.9	14
82	Liquid crystalline blue phase materials with three-dimensional nanostructures. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 13352-13366	7.1	14
81	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
80	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
79	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
78	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
77	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
76	Synthesis and mesophase behaviour of branched azobenzene-based supramolecular hydrogen-bonded liquid crystals. <i>Liquid Crystals</i> , 2017 , 44, 593-602	2.3	12
75	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
74	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
73	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
72	Unconventional High-Performance Laser Protection System Based on Dichroic Dye-Doped Cholesteric Liquid Crystals. <i>Scientific Reports</i> , 2017 , 7, 42955	4.9	11

71	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
70	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
69	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
68	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
67	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	2.3	9
66	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
65	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
64	Large-sized benzo[e]indolium salt single crystals with high optical nonlinearity. <i>CrystEngComm</i> , 2019 , 21, 5626-5632	3.3	9
63	Effects on thermo-optical properties of the composition of a polymer-stabilised liquid crystal with a smectic A-chiral nematic phase transition. <i>Liquid Crystals</i> , 2008 , 35, 1151-1160	2.3	9
62	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
61	Spin-Dependent Charge Transport in 1D Chiral Hybrid Lead-Bromide Perovskite with High Stability. <i>Advanced Functional Materials</i> , 2019 , 29, 1904605	15.6	9
60	Silica aerogel films via ambient pressure drying for broadband reflectors. <i>New Journal of Chemistry</i> , 2018 , 42, 6525-6531	3.6	8
59	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
58	A helix inversion from the temperature-dependent intramolecular chiral conflict. <i>Liquid Crystals</i> , 2011 , 38, 633-638	2.3	8
57	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
56	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
55	Polymer dispersed liquid crystals doped with CeO ₂ nanoparticles for the smart window. <i>Liquid Crystals</i> , 2010 , 37, 1-10	2.3	8
54	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

53	Graphene Oxide Modified with Mesogenic Groups and Its Effect in Broad-Band Reflectors. <i>ChemPlusChem</i> , 2015 , 80, 673-678	2.8	7
52	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
51	Super wide-band reflective polarisers from polymer stabilised liquid crystal films. <i>Liquid Crystals</i> , 2009 , 36, 497-501	2.3	7
50	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
49	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
48	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
47	Synthesis and co-assembly of gold nanoparticles functionalized by a pyrene-thiol derivative. <i>RSC Advances</i> , 2015 , 5, 140-145	3.7	6
46	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
45	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
44	Rapid discovery of self-assembling peptides with one-bead one-compound peptide library. <i>Nature Communications</i> , 2021 , 12, 4494	17.4	6
43	Third-order nonlinear optical properties of the clicked closed-ring spiropyrans. <i>Dyes and Pigments</i> , 2019 , 162, 451-458	4.6	6
42	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
41	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
40	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
39	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
38	Highly Efficient Spin-Filtering Transport in Chiral Hybrid Copper Halides. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 23578-23583	16.4	5
37	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
36	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

35	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
34	Influence of ZnO NPs on morphological and electro-optical properties of polymer-dispersed liquid crystals. <i>Liquid Crystals</i> , 1-10	2.3	4
33	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
32	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
31	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
30	Synthesis and Characterization of New Benzo[e]Indol Salts for Second-Order Nonlinear Optics. <i>Crystals</i> , 2020 , 10, 242	2.3	3
29	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
28	Broadband reflective liquid crystalline films prepared from liquid crystals with negative dielectric anisotropy. <i>Liquid Crystals</i> , 2012 , 39, 839-845	2.3	3
27	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
26	Inclusion complexes of (hbox{cholesteryl-(\varepsilon\text{-caprolactone})}_{\overline{10}}}) functionalized polymer with \beta\text{-cyclodextrin}. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2008 , 60, 95-101		3
25	Vitrimer enhanced carbazole-based organic room-temperature phosphorescent materials. <i>New Journal of Chemistry</i> , 2021 , 46, 276-281	3.6	3
24	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
23	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
22	Thermally bandwidth-controllable reflective liquid crystal films prepared by doping nano-sized electrospun fibers. <i>Liquid Crystals</i> , 1-9	2.3	2
21	Preparation of cholesteric polymer networks with broadband reflection memory effect. <i>Liquid Crystals</i> , 1-9	2.3	2
20	Effects of the preparing condition of a polymer-stabilised liquid crystal with a smectic-A-chiral nematic phase transition on its properties. <i>Liquid Crystals</i> , 2009 , 36, 165-172	2.3	1
19	Supramolecular inclusion complexes of biodegradable cholesteryl-(\varepsilon\text{-caprolactone})_n functionalized polymer with \beta\text{-cyclodextrin}. <i>Journal of Applied Polymer Science</i> , 2007 , 105, 1700-1706	2.9	1
18	Role of Fluorescent Material on Electro-optical Performance of PDLC Devices. <i>Liquid Crystals</i> , 1-10	2.3	1

17	Broadband reflection prepared by loading chiral dopants in white carbon black. <i>Liquid Crystals</i> ,1-9	2.3	1
16	Doping white carbon black particles to adjust the electro-optical properties of PDLC. <i>Liquid Crystals</i> ,1-10	2.3	1
15	A Monotargeting Peptidic Network Antibody Inhibits More Receptors for Anti-Angiogenesis. <i>ACS Nano</i> , 2021 ,	16.7	1
14	An antibody-like peptidic network for anti-angiogenesis. <i>Biomaterials</i> , 2021 , 275, 120900	15.6	1
13	Self-diffusion method for broadband reflection in polymer-stabilized cholesteric liquid crystal films. <i>Liquid Crystals</i> ,1-10	2.3	1
12	Highly Efficient Spin-Filtering Transport in Chiral Hybrid Copper Halides. <i>Angewandte Chemie</i> , 2021 , 133, 23770	3.6	1
11	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
10	Mesophase properties of fluorene-core mesogens and their effects on blue phase liquid crystals. <i>Liquid Crystals</i> ,1-11	2.3	1
9	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
8	Hydrophobicity regulates self-assembly behavior of binding-induced fibrillogenesis peptides. <i>Colloids and Interface Science Communications</i> , 2022 , 48, 100622	5.4	1
7	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
6	Broadband reflection cholesteric liquid crystal film fabricated by near-infrared photothermal response technology. <i>Liquid Crystals</i> ,1-11	2.3	0
5	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
4	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
3	High dielectric properties, TiO ₂ nanoparticles doped PDLC devices for lower switching voltage. <i>Liquid Crystals</i> ,1-10	2.3	0
2	Acridine-based dyes as high-performance near-infrared Raman reporter molecules for cell imaging.. <i>RSC Advances</i> , 2022 , 12, 3380-3385	3.7	
1	Low voltage tunable cholesteric liquid crystal based on electrochemical process. <i>Liquid Crystals</i> ,1-11	2.3	