

Yi-Xiang Cheng

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126
papers

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57
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130
ext. papers

5,133
ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
126	Visible-Light Photoredox-Catalyzed C-H Difluoroalkylation of Hydrazones through an Aminyl Radical/Polar Mechanism. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 2939-43	16.4	151
125	A highly selective fluorescence-based polymer sensor incorporating an (R,R)-salen moiety for Zn(2+) detection. <i>Chemistry - A European Journal</i> , 2010 , 16, 12898-903	4.8	133
124	A highly selective and sensitive polymer-based OFF-ON fluorescent sensor for Hg ²⁺ detection incorporating salen and perylenyl moieties. <i>Journal of Materials Chemistry</i> , 2012 , 22, 478-482		118
123	Chiral sensing for induced circularly polarized luminescence using an Eu(III)-containing polymer and D- or L-proline. <i>Chemical Communications</i> , 2013 , 49, 5772-4	5.8	107
122	Circularly polarized luminescence of AIE-active chiral O-BODIPYs induced via intramolecular energy transfer. <i>Chemical Communications</i> , 2015 , 51, 9014-7	5.8	106
121	A visible-light-promoted aerobic C _H /C _N cleavage cascade to isoxazolidine skeletons. <i>Chemical Science</i> , 2013 , 4, 1281	9.4	96
120	Effective structural modification of traditional fluorophores to obtain organic mechanofluorochromic molecules. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 5075-5096	7.1	86
119	A Scalable, Efficient Gold-Catalyzed Oxidative Phosphonation of sp ³ C-H Bonds using Air as Sustainable Oxidant. <i>Advanced Synthesis and Catalysis</i> , 2012 , 354, 1646-1650	5.6	80
118	Aggregation-induced circularly polarized luminescence of an (R)-binaphthyl-based AIE-active chiral conjugated polymer with self-assembled helical nanofibers. <i>Polymer Chemistry</i> , 2015 , 6, 2416-2422	4.9	78
117	Visible-Light-Induced Radical Tandem Aryldifluoroacetylation of Cinnamamides: Access to Difluoroacetylated Quinolone-2-ones And 1-Azaspiro[4.5]decanes. <i>Advanced Synthesis and Catalysis</i> , 2015 , 357, 3057-3063	5.6	78
116	Aggregation-Induced Fluorescence Emission Properties of Dicyanomethylene-1,4-dihydropyridine Derivatives. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 6737-6748	3.8	73
115	Strong CPL of achiral AIE-active dyes induced by supramolecular self-assembly in chiral nematic liquid crystals (AIE-N*-LCs). <i>Chemical Communications</i> , 2019 , 55, 5179-5182	5.8	72
114	High Brightness Circularly Polarized Organic Light-Emitting Diodes Based on Nondoped Aggregation-Induced Emission (AIE)-Active Chiral Binaphthyl Emitters. <i>Organic Letters</i> , 2019 , 21, 439-443	6.2	70
113	Multi-Stimulus-Responsive Fluorescent Properties of Donor-Acceptor Indene-1,3-dionemethylene-1,4-dihydropyridine Derivatives. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 23138-23148	3.8	67
112	Reversal Circularly Polarized Luminescence of AIE-Active Chiral Binaphthyl Molecules from Solution to Aggregation. <i>Chemistry - A European Journal</i> , 2015 , 21, 13196-200	4.8	67
111	A tetraphenylethene-based chiral polymer: an AIE luminogen with high and tunable CPL dissymmetry factor. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 4713	7.1	65
110	Regulating Circularly Polarized Luminescence Signals of Chiral Binaphthyl-Based Conjugated Polymers by Tuning Dihedral Angles of Binaphthyl Moieties. <i>Macromolecules</i> , 2016 , 49, 5444-5451	5.5	64

109	Silole-Containing Polymer Nanodot: An Aqueous Low-Potential Electrochemiluminescence Emitter for Biosensing. <i>Analytical Chemistry</i> , 2016 , 88, 845-50	7.8	60
108	Microwave-assisted preparation of N-doped carbon dots as a biosensor for electrochemical dopamine detection. <i>Journal of Colloid and Interface Science</i> , 2015 , 452, 199-202	9.3	58
107	N-doped carbon dots synthesized by rapid microwave irradiation as highly fluorescent probes for Pb ²⁺ detection. <i>New Journal of Chemistry</i> , 2015 , 39, 3357-3360	3.6	58
106	Donor-Acceptor Conjugated Polymer Dots for Tunable Electrochemiluminescence Activated by Aggregation-Induced Emission-Active Moieties. <i>Journal of Physical Chemistry Letters</i> , 2018 , 9, 5296-5302	6.4	58
105	Indene-1,3-dione-methylene-4H-pyran derivatives containing alkoxy chains of various lengths: aggregation-induced emission enhancement, mechanofluorochromic properties and solvent-induced emission changes. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 2862-2870	7.1	55
104	Tetraethylammonium Bromide-Catalyzed Oxidative Thioesterification of Aldehydes and Alcohols. <i>Advanced Synthesis and Catalysis</i> , 2013 , 355, 3558-3562	5.6	55
103	Circularly Polarized Electroluminescence of Thermally Activated Delayed Fluorescence-Active Chiral Binaphthyl-Based Luminogens. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 26165-26173	9.5	54
102	Strong Aggregation-Induced CPL Response Promoted by Chiral Emissive Nematic Liquid Crystals (N*-LCs). <i>Chemistry - A European Journal</i> , 2018 , 24, 12607-12612	4.8	53
101	Strong and Reversible Circularly Polarized Luminescence Emission of a Chiral 1,8-Naphthalimide Fluorophore Induced by Excimer Emission and Orderly Aggregation. <i>Chemistry - A European Journal</i> , 2016 , 22, 9519-22	4.8	52
100	DOX Loaded Aggregation-induced Emission Active Polymeric Nanoparticles as a Fluorescence Resonance Energy Transfer Traceable Drug Delivery System for Self-indicating Cancer Therapy. <i>Acta Biomaterialia</i> , 2019 , 85, 218-228	10.8	52
99	Dual resonance energy transfer in triple-component polymer dots to enhance electrochemiluminescence for highly sensitive bioanalysis. <i>Chemical Science</i> , 2019 , 10, 6815-6820	9.4	51
98	Doping-free circularly polarized electroluminescence of AIE-active chiral binaphthyl-based polymers. <i>Chemical Communications</i> , 2018 , 54, 9663-9666	5.8	51
97	A Highly Efficient Gold-Catalyzed Oxidative C-C Coupling from C-H Bonds Using Air as Oxidant. <i>Angewandte Chemie</i> , 2012 , 124, 1278-1281	3.6	50
96	Strong circularly polarized luminescence induced from chiral supramolecular assembly of helical nanorods. <i>Chemical Communications</i> , 2017 , 53, 7505-7508	5.8	47
95	Synthesis and tunable chiroptical properties of chiral BODIPY-based D _A conjugated polymers. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 1076-1084	7.1	47
94	Polymer-based fluorescence sensors incorporating chiral binaphthyl and benzo[2,1,3]thiadiazole moieties for Hg ²⁺ detection. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 997-1006	2.5	47
93	Electrochemiluminescent resonance energy transfer of polymer dots for aptasensing. <i>Biosensors and Bioelectronics</i> , 2018 , 100, 28-34	11.8	46
92	Aza-BODIPY-based D _A conjugated polymers with tunable band gap: synthesis and near-infrared emission. <i>Polymer Chemistry</i> , 2013 , 4, 520-527	4.9	46

91	Frontiers in circularly polarized luminescence: molecular design, self-assembly, nanomaterials, and applications. <i>Science China Chemistry</i> , 2021 , 64, 2060	7.9	46
90	Relay Visible-Light Photoredox Catalysis: Synthesis of Pyrazole Derivatives via Formal [4 + 1] Annulation and Aromatization. <i>Organic Letters</i> , 2017 , 19, 214-217	6.2	44
89	Fluorescence Study of Chiral β -Ketoiminato-Based Newly Synthesized Boron Hybrid Polymers. <i>Macromolecular Chemistry and Physics</i> , 2014 , 215, 358-364	2.6	43
88	In Situ Generated 1:1 Zn(II)-Containing Polymer Complex Sensor for Highly Enantioselective Recognition of N-Boc-Protected Alanine. <i>Macromolecules</i> , 2012 , 45, 7835-7842	5.5	40
87	A chiral ionic polymer for direct visual enantioselective recognition of α -amino acid anions. <i>Chemical Communications</i> , 2013 , 49, 2891-3	5.8	40
86	Polymorphism and mechanochromism of N-alkylated 1,4-dihydropyridine derivatives containing different electron-withdrawing end groups. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 5183-5192	7.1	39
85	Color-tunable AIE-active conjugated polymer nanoparticles as drug carriers for self-indicating cancer therapy via intramolecular FRET mechanism. <i>Polymer Chemistry</i> , 2018 , 9, 3205-3214	4.9	39
84	Mechanochromic and acidochromic response of 4H-pyran derivatives with aggregation-induced emission properties. <i>Dyes and Pigments</i> , 2017 , 141, 428-440	4.6	38
83	Visible-light-induced three-component 1,2-difluoroalkylarylation of styrenes with β -carbonyl difluoroalkyl bromides and indoles. <i>Organic Chemistry Frontiers</i> , 2016 , 3, 1443-1446	5.2	38
82	Organocatalytic Enantioselective Sulfenylation of β -Keto Phosphonates: A Convenient Approach to Construct Hetero- Quaternary Stereocenters. <i>Advanced Synthesis and Catalysis</i> , 2011 , 353, 545-549	5.6	38
81	Circularly polarized luminescence based chirality transfer of the chiral BINOL moiety via rigid β -conjugation chain backbone structures. <i>Polymer Chemistry</i> , 2017 , 8, 1555-1561	4.9	37
80	5-(2,6-Bis((E)-4-(dimethylamino)styryl)-1-ethylpyridin-4(1H)-ylidene)-2,2-dimethyl-1,3-dioxane-4,6-dione: aggregation-induced emission, polymorphism, mechanochromism, and thermochromism. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 9264-9272	7.1	37
79	Rhodium-Catalyzed Direct C7 Alkynylation of Indolines. <i>Advanced Synthesis and Catalysis</i> , 2015 , 357, 1149-1153	9.6	36
78	CO-enabled rhenium hydride catalyst for directed C(sp ²)-H bond alkylation with olefins. <i>Organic Chemistry Frontiers</i> , 2015 , 2, 378-382	5.2	34
77	Piezochromism, acidochromism, solvent-induced emission changes and cell imaging of D-EA 1,4-dihydropyridine derivatives with aggregation-induced emission properties. <i>Dyes and Pigments</i> , 2016 , 133, 261-272	4.6	33
76	A new chiral binaphthalene-based fluorescence polymer sensor for the highly enantioselective recognition of phenylalaninol. <i>Chemistry - A European Journal</i> , 2013 , 19, 16066-71	4.8	33
75	Far-red/near-infrared fluorescent conjugated polymer nanoparticles with size-dependent chirality and cell imaging applications. <i>Polymer Chemistry</i> , 2015 , 6, 3962-3969	4.9	32
74	Rhenium-Catalyzed Acceptorless Dehydrogenative Coupling via Dual Activation of Alcohols and Carbonyl Compounds. <i>ACS Catalysis</i> , 2013 , 3, 2195-2198	13.1	32

73	Red colored CPL emission of chiral 1,2-DACH-based polymers via chiral transfer of the conjugated chain backbone structure. <i>Polymer Chemistry</i> , 2015 , 6, 6802-6805	4.9	31
72	Synthesis and characterization of chiral polymer complexes incorporating polybinaphthyls, bipyridine, and Eu(III). <i>Journal of Polymer Science Part A</i> , 2007 , 45, 650-660	2.5	30
71	The amplified circularly polarized luminescence regulated from D-A type AIE-active chiral emitters via liquid crystals system. <i>Chemical Communications</i> , 2020 , 56, 1117-1120	5.8	30
70	Reversal aggregation-induced circular dichroism from axial chirality transfer via self-assembled helical nanowires. <i>RSC Advances</i> , 2017 , 7, 15851-15856	3.7	29
69	Photoredox Divergent 1,2-Difunctionalization of Alkenes with gem-Dibromides. <i>Organic Letters</i> , 2017 , 19, 6452-6455	6.2	29
68	Ultrastrong Red Circularly Polarized Luminescence Promoted from Chiral Transfer and Intermolecular Förster Resonance Energy Transfer in Ternary Chiral Emissive Nematic Liquid Crystals. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 598-603	6.4	29
67	The functionalization of a cascade of C(sp ²)-H/C(sp ³)-H bonds: synthesis of fused dihydropyrazoles via visible-light photoredox catalysis. <i>Chemical Communications</i> , 2016 , 52, 11901-4	5.8	28
66	High brightness circularly polarized blue emission from non-doped OLEDs based on chiral binaphthyl-pyrene emitters. <i>Chemical Communications</i> , 2019 , 55, 9845-9848	5.8	28
65	Selective Saccharide Recognition Using Modular Diboronic Acid Fluorescent Sensors. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 1223-1229	3.2	28
64	Polymer-based colorimetric and Turn off Fluorescence sensor incorporating benzo[2,1,3]thiadiazole moiety for Hg ²⁺ Detection. <i>Journal of Polymer Science Part A</i> , 2012 , 50, 517-522	2.5	28
63	A study on tunable AIE (AIEE) of boron ketoiminate-based conjugated polymers for live cell imaging. <i>Polymer Chemistry</i> , 2015 , 6, 5070-5076	4.9	26
62	Synthesis and Fluorescence Properties of Chiral Near-Infrared Emissive Polymers Incorporating BODIPY Derivatives and (S)-Binaphthyl. <i>Macromolecular Chemistry and Physics</i> , 2012 , 213, 2238-2245	2.6	26
61	The effect of N-alkyl chain length on the photophysical properties of indene-1,3-dione-methylene-1,4-dihydropyridine derivatives. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 5970-5980	7.1	26
60	Imidazolium Ion-Tagged Proline Organocatalyst for α -Aminoxylation of Aldehydes and Ketones in Ionic Liquids. <i>Advanced Synthesis and Catalysis</i> , 2010 , 352, 108-112	5.6	25
59	A Fluorescent Chemosensor for Transition-Metal Ions Based on Optically Active Polybinaphthyl and 2,2'-Bipyridine. <i>Macromolecular Chemistry and Physics</i> , 2008 , 209, 685-694	2.6	25
58	Conjugated polymer nanoparticles with aggregation induced emission characteristics for intracellular Fe ³⁺ sensing. <i>Journal of Polymer Science Part A</i> , 2016 , 54, 1686-1693	2.5	25
57	A New Polymer-Based Fluorescent Chemosensor Incorporating Propane-1,3-Dione and 2,5-Diethynylbenzene Moieties for Detection of Copper(II) and Iron(III). <i>Polymers</i> , 2017 , 9,	4.5	23
56	Organocatalytic Asymmetric C-S Bond Formation: Synthesis of α -Methylene- β -Mercapto Esters with Simple Alkyl Thiols. <i>Advanced Synthesis and Catalysis</i> , 2011 , 353, 3301-3306	5.6	23

55	A Highly Sensitive and Selective Fluorescence Chemosensor for Cu ²⁺ and Zn ²⁺ Based on Solvent Effect. <i>Chinese Journal of Chemistry</i> , 2013 , 31, 195-199	4.9	22
54	A coumarin-based chiral fluorescence sensor for the highly enantioselective recognition of phenylalaninol. <i>New Journal of Chemistry</i> , 2013 , 37, 317-322	3.6	22
53	Strong CPL of achiral liquid crystal fluorescent polymer the regulation of AIE-active chiral dopant. <i>Chemical Communications</i> , 2020 , 56, 12829-12832	5.8	22
52	An Efficient Electrochemiluminescence Enhancement Strategy on Bipolar Electrode for Bioanalysis. <i>Analytical Chemistry</i> , 2019 , 91, 12553-12559	7.8	21
51	Strong circularly polarized electroluminescence based on chiral salen-Zn(II) complex monomer chromophores. <i>Materials Chemistry Frontiers</i> , 2019 , 3, 867-873	7.8	21
50	Amplification effect of circularly polarized luminescence induced from binaphthyl-based zinc(II) chiral coordination polymers. <i>Materials Chemistry Frontiers</i> , 2018 , 2, 554-558	7.8	21
49	(S)-BINOL-based boronic ester fluorescence sensors for enantioselective recognition of α -phenylethylamine and phenylglycinol. <i>RSC Advances</i> , 2014 , 4, 5887	3.7	21
48	Near-infrared emission of novel bent-core V-shaped conjugated polymers based on the B ₂ O ₃ -chelated azadipyromethene structure. <i>Polymer Chemistry</i> , 2013 , 4, 4396	4.9	21
47	A highly regioselective sp ³ C-H amination of tertiary amides based on Fe(II) complex catalysts. <i>RSC Advances</i> , 2012 , 2, 6733	3.7	21
46	The Au(III)-catalyzed coupling reactions between alcohols and N-heterocycles via C-H bond activation. <i>RSC Advances</i> , 2012 , 2, 10496	3.7	20
45	Polybinaphthyls incorporating chiral 2,2'-binaphthyl and isoquinoline moieties by Sonogashira reaction. <i>Polymer</i> , 2006 , 47, 6598-6605	3.9	20
44	A helical chiral polymer-based chromo-fluorescence and CD response sensor for selective detection of trivalent cations. <i>Journal of Polymer Science Part A</i> , 2013 , 51, 4070-4075	2.5	19
43	High Green Brightness Circularly Polarized Electroluminescence Regulated by Rigid Chiral D-A Type Emitters. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 24746-24753	3.8	18
42	Trace Ir(III) complex enhanced electrochemiluminescence of AIE-active Pdots in aqueous media. <i>Science China Chemistry</i> , 2020 , 63, 715-721	7.9	18
41	Circularly polarized luminescence of chiral 1,8-naphthalimide-based pyrene fluorophore induced via supramolecular self-assembly. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 6030-6036	7.1	17
40	Harnessing sunlight without a photosensitizer for highly efficient consecutive [3+2]/[4+2] annulation to synthesize fused benzobicyclic skeletons. <i>Chemical Communications</i> , 2017 , 53, 10707-10710	5.8	16
39	Synthesis and Characterization of Polybinaphthyls Incorporating Chiral (R) or (S)-2,2'-Binaphthyl Entities by Heck Reaction. <i>Polymer Journal</i> , 2005 , 37, 355-362	2.7	16
38	Recyclable CPL switch regulated by using an applied DC electric field from chiral nematic liquid crystals (N*-LCs). <i>Materials Chemistry Frontiers</i> , 2020 , 4, 2954-2961	7.8	16

37	Tunable AICPL of (S)-Binaphthyl-Based Three-Component Polymers via FRET Mechanism. <i>Macromolecular Rapid Communications</i> , 2017 , 38, 1700150	4.8	15
36	Circularly Polarized Luminescence of Chiral Perylene Diimide Based Enantiomers Triggered by Supramolecular Self-Assembly. <i>Chemistry - A European Journal</i> , 2016 , 22, 12910-5	4.8	15
35	CPL emission of chiral BINOL-based polymers via chiral transfer of the conjugated chain backbone structure. <i>RSC Advances</i> , 2015 , 5, 105851-105854	3.7	14
34	Tunable aggregation-induced circularly polarized luminescence of chiral AIEgens via the regulation of mono-/di-substituents of molecules or nanostructures of self-assemblies. <i>Materials Chemistry Frontiers</i> , 2019 , 3, 2066-2071	7.8	13
33	In Situ Formed Bifunctional Primary Amine-Imine Catalyst: Application to the Construction of Chiral Tertiary Alcohols through Asymmetric Aldol-Type Reaction. <i>Advanced Synthesis and Catalysis</i> , 2013 , 355, 2029-2036	5.6	13
32	Tuning chromaticity based on energy transfer from the conjugated polymer to the Eu(TTA) ₃ moiety. <i>Polymer Chemistry</i> , 2012 , 3, 2578	4.9	13
31	Fluorescent chemosensor based on the conjugated polymer incorporating 2,2'-bipyridyl moiety for transition metal ions. <i>Journal of Applied Polymer Science</i> , 2009 , 111, 3137-3143	2.9	13
30	Ultrasensitive Nucleic Acid Assay Based on Cyclometalated Iridium(III) Complex with High Electrochemiluminescence Efficiency. <i>Analytical Chemistry</i> , 2021 , 93, 1686-1692	7.8	13
29	Chiral sensing of Eu(III)-containing achiral polymer complex from chiral amino acids coordination induction. <i>Journal of Polymer Science Part A</i> , 2014 , 52, 3080-3086	2.5	12
28	Aggregation-Induced Electrochemiluminescence of Conjugated Pdots Containing a Trace Ir(III) Complex: Insights into Structure-Property Relationships. <i>ACS Applied Materials & Interfaces</i> , 2020 ,	9.5	12
27	Amplified electrochemiluminescence signals promoted by the AIE-active moiety of D-A type polymer dots for biosensing. <i>Analyst, The</i> , 2019 , 145, 233-239	5	11
26	Synthesis and enantioselectivities of soluble polymers incorporating optically active binaphthyl and binaphthol. <i>Journal of Applied Polymer Science</i> , 2007 , 106, 821-827	2.9	10
25	Synthesis and fluorescence study of conjugated polymers based on 2,4,6-triphenylpyridine moieties. <i>New Journal of Chemistry</i> , 2016 , 40, 6281-6288	3.6	10
24	A novel low-bandgap conjugated polymer based on Ru(II) bis(acetylide) complex and BODIPY moieties. <i>Journal of Polymer Science Part A</i> , 2014 , 52, 1686-1692	2.5	9
23	High brightness circularly polarized electroluminescence from conjugated polymer F8BT induced by chiral binaphthyl-pyrene. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 15669-15676	7.1	9
22	Strong-Induced CPL Emission Promoted from Achiral Conjugated Polymer-Containing Emissive Nematic Liquid Crystals (P-N*-LCs). <i>Macromolecular Rapid Communications</i> , 2021 , 42, e2000548	4.8	9
21	The amplified circularly polarized luminescence emission response of chiral 1,1'-binaphthol-based polymers via Zn(II)-coordination fluorescence enhancement. <i>Journal of Polymer Science Part A</i> , 2018 , 56, 1282-1288	2.5	8
20	A fluorescent chemosensor based on optically active 2,2'-binaphtho-20-crown-6 for metal ions. <i>Polymer International</i> , 2010 , 59, 712-718	3.3	8

19	AIE-active conjugated polymer nanoparticles with red-emission for in vitro and in vivo imaging. <i>RSC Advances</i> , 2016 , 6, 114580-114586	3.7	8
18	Solution-Processed White Circularly Polarized Organic Light-Emitting Diodes Based on Chiral Binaphthyl Emitters. <i>Chemistry - A European Journal</i> , 2021 , 27, 589-593	4.8	8
17	Deep Blue Circularly Polarized Luminescence Response Behavior of an Achiral Pyrene-Based Emitter Regulated by Chiral Co-assembly Helical Nanofibers. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 3767-3772	6.4	7
16	Circularly polarized electroluminescence from an achiral fluorophore induced by co-assembly with chiral polymers. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 12141-12147	7.1	7
15	Amplified Circularly Polarized Electroluminescence Behavior Triggered by Helical Nanofibers from Chiral Co-assembly Polymers.. <i>Angewandte Chemie - International Edition</i> , 2022 ,	16.4	7
14	Inverted Circularly Polarized Luminescence Behavior Induced by Helical Nanofibers through Chiral Co-Assembly from Achiral Liquid Crystal Polymers and Chiral Inducers.. <i>ACS Nano</i> , 2022 ,	16.7	5
13	Full-Color and White Circularly Polarized Luminescence Promoted by Liquid Crystal Self-Assembly Containing Chiral Naphthalimide Dyes. <i>Advanced Optical Materials</i> , 2021 , 9, 2100961	8.1	5
12	The amplified electrochemiluminescence response signal promoted by the Ir(iii)-containing polymer complex. <i>Analyst, The</i> , 2018 , 143, 2405-2410	5	4
11	Click-BINOL based chiral ionic polymers for highly enantioselective recognition of tryptophan anions. <i>Polymer Chemistry</i> , 2014 , 5, 5218	4.9	4
10	Controllable Circularly Polarized Electroluminescence Performance Improved by the Dihedral Angle of Chiral-Bridged Binaphthyl-Type Dopant Inducers. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 55420-55427	9.5	4
9	A photosensitive-type CPL response controlled by intermolecular dynamic FRET and chiral transfer in ternary chiral emissive nematic liquid crystals. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 12590-12595	7.1	4
8	Central-to-Axial Chirality Transfer-Induced CD Sensor for Chiral Recognition and ee Value Detection of 1,2-DACH Enantiomers. <i>Macromolecular Chemistry and Physics</i> , 2015 , 216, 1925-1929	2.6	3
7	Tunable AI-CPL behavior by regulation of microstructure of AIE-active isomers through chiral emissive liquid crystals. <i>Dyes and Pigments</i> , 2021 , 186, 109001	4.6	3
6	Fluorescence upconversion properties of a chiral polybinaphthyl induced by two-photon absorption. <i>Journal of Applied Polymer Science</i> , 2012 , 124, 2867-2870	2.9	2
5	Investigation of the effect of hapten heterology in the enzyme-linked immunosorbent assay for Sudan I. <i>Food and Agricultural Immunology</i> , 2015 , 26, 13-25	2.9	2
4	Synthesis and Characterization of 2-Alkylbenzotriazole-Based Donor-Acceptor-Type Copolymers. <i>Synlett</i> , 2013 , 24, 1505-1508	2.2	1
3	Dynamic CPL with Tunable Handedness and Intensity Enabled by Achiral Dichroic Dyes in Cholesteric Liquid Crystal Medium.. <i>Advanced Materials</i> , 2022 , e2202309	24	1
2	Chiral binaphthylamine based emitters with donor-acceptor structures: Facile synthesis and circularly polarized luminescence. <i>Dyes and Pigments</i> , 2022 , 199, 110085	4.6	0

- 1 Molecular Engineering of Polymer Dots for Electrochemiluminescence Emission. *ACS Applied Nano Materials*, **2021**, 4, 7244-7252 5.6 ○