

Yi-Xiang Cheng

List of Publications by Year in descending order

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128
papers

5,895
citations

61857

43
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95083

68
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all docs

130
docs citations

130
times ranked

4886
citing authors

#	ARTICLE	IF	CITATIONS
1	Frontiers in circularly polarized luminescence: molecular design, self-assembly, nanomaterials, and applications. <i>Science China Chemistry</i> , 2021, 64, 2060-2104.	4.2	248
2	Visible-Light Photoredox-Catalyzed C-H Difluoroalkylation of Hydrazones through an Aminyl Radical/Polar Mechanism. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2939-2943.	7.2	176
3	A Highly Selective Fluorescence-Based Polymer Sensor Incorporating an (<i>R</i>,<i>R</i>)-Salen Moiety for Zn ²⁺ Detection. <i>Chemistry - A European Journal</i> , 2010, 16, 12898-12903.	1.7	138
4	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.	2.2	134
5	Effective structural modification of traditional fluorophores to obtain organic mechanofluorochromic molecules. <i>Journal of Materials Chemistry C</i> , 2018, 6, 5075-5096.	2.7	127
6	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.	6.7	126
7	Circularly polarized luminescence of AIE-active chiral O-BODIPYs induced via intramolecular energy transfer. <i>Chemical Communications</i> , 2015, 51, 9014-9017.	2.2	124
8	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.	2.2	109
9	A visible-light-promoted aerobic C-H/C-N cleavage cascade to isoxazolidine skeletons. <i>Chemical Science</i> , 2013, 4, 1281.	3.7	104
10	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.	2.4	101
11	Dual resonance energy transfer in triple-component polymer dots to enhance electrochemiluminescence for highly sensitive bioanalysis. <i>Chemical Science</i> , 2019, 10, 6815-6820.	3.7	92
12	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.	1.9	91
13	Circularly Polarized Electroluminescence of Thermally Activated Delayed Fluorescence-Active Chiral Binaphthyl-Based Luminogens. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 26165-26173.	4.0	90
14	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.	2.1	89
15	Aggregation-Induced Fluorescence Emission Properties of Dicyanomethylene-1,4-dihydropyridine Derivatives. <i>Journal of Physical Chemistry C</i> , 2015, 119, 6737-6748.	1.5	89
16	A Scalable, Efficient Gold-Catalyzed Oxidative Phosphonation of C(sp ³)-H Bonds using Air as Sustainable Oxidant. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 1646-1650.	2.1	88
17	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.	2.2	86
18	Strong Aggregation-Induced CPL Response Promoted by Chiral Emissive Nematic Liquid Crystals (N*-LCs). <i>Chemistry - A European Journal</i> , 2018, 24, 12607-12612.	1.7	85

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19	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.	2.1	83
20	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.	5.0	82
21	Multi-Stimulus-Responsive Fluorescent Properties of Donor–Acceptor Indene-1,3-dione-methylene-1,4-dihydropyridine Derivatives. <i>Journal of Physical Chemistry C</i> , 2015, 119, 23138-23148.	1.5	82
22	Reversal Circularly Polarized Luminescence of AIE-Active Chiral Binaphthyl Molecules from Solution to Aggregation. <i>Chemistry - A European Journal</i> , 2015, 21, 13196-13200.	1.7	78
23	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.	1.4	77
24	Silole-Containing Polymer Nanodot: An Aqueous Low-Potential Electrochemiluminescence Emitter for Biosensing. <i>Analytical Chemistry</i> , 2016, 88, 845-850.	3.2	77
25	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.	2.7	76
26	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.	4.1	72
27	Doping-free circularly polarized electroluminescence of AIE-active chiral binaphthyl-based polymers. <i>Chemical Communications</i> , 2018, 54, 9663-9666.	2.2	70
28	Tetraethylammonium Bromide–Catalyzed Oxidative Thioesterification of Aldehydes and Alcohols. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 3558-3562.	2.1	68
29	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.	2.7	68
30	Electrochemiluminescent resonance energy transfer of polymer dots for aptasensing. <i>Biosensors and Bioelectronics</i> , 2018, 100, 28-34.	5.3	67
31	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, 9519-9522.	1.7	66
32	Strong circularly polarized luminescence induced from chiral supramolecular assembly of helical nanorods. <i>Chemical Communications</i> , 2017, 53, 7505-7508.	2.2	65
33	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.	2.2	58
34	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.	2.1	58
35	Relay Visible-Light Photoredox Catalysis: Synthesis of Pyrazole Derivatives via Formal [4 + 1] Annulation and Aromatization. <i>Organic Letters</i> , 2017, 19, 214-217.	2.4	55
36	Synthesis and tunable chiroptical properties of chiral BODIPY-based D–A conjugated polymers. <i>Journal of Materials Chemistry C</i> , 2014, 2, 1076-1084.	2.7	54

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37	Aza-BODIPY-based π -conjugated polymers with tunable band gap: synthesis and near-infrared emission. <i>Polymer Chemistry</i> , 2013, 4, 520-527.	1.9	51
38	Fluorescence Study of Chiral β -Ketoiminato-Based Newly Synthesized Boron Hybrid Polymers. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 358-364.	1.1	50
39	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	49
40	Mechanochromic and acidochromic response of 4H-pyran derivatives with aggregation-induced emission properties. <i>Dyes and Pigments</i> , 2017, 141, 428-440.	2.0	48
41	Strong CPL of achiral liquid crystal fluorescent polymer via the regulation of AIE-active chiral dopant. <i>Chemical Communications</i> , 2020, 56, 12829-12832.	2.2	48
42	Visible-light-induced three-component 1,2-difluoroalkylation of styrenes with α -carbonyl difluoroalkyl bromides and indoles. <i>Organic Chemistry Frontiers</i> , 2016, 3, 1443-1446.	2.3	46
43	Rhodium-Catalyzed Direct C7 Alkynylation of Indolines. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 1149-1153.	2.1	45
44	Circularly polarized luminescence based chirality transfer of the chiral BINOL moiety via rigid π -conjugation chain backbone structures. <i>Polymer Chemistry</i> , 2017, 8, 1555-1561.	1.9	45
45	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.	2.7	45
46	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.	2.7	45
47	An Efficient Electrochemiluminescence Enhancement Strategy on Bipolar Electrode for Bioanalysis. <i>Analytical Chemistry</i> , 2019, 91, 12553-12559.	3.2	45
48	Organocatalytic Enantioselective Sulfonylation of β -Keto Phosphonates: A Convenient Approach to Construct Hetero-Quaternary Stereocenters. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 545-549.	2.1	44
49	Amplified Circularly Polarized Electroluminescence Behavior Triggered by Helical Nanofibers from Chiral Co-assembly Polymers. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	44
50	A chiral ionic polymer for direct visual enantioselective recognition of α -amino acid anions. <i>Chemical Communications</i> , 2013, 49, 2891.	2.2	43
51	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.	1.9	43
52	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, 3173-3181.	7.3	42
53	Far-red/near-infrared fluorescent conjugated polymer nanoparticles with size-dependent chirality and cell imaging applications. <i>Polymer Chemistry</i> , 2015, 6, 3962-3969.	1.9	41
54	Strong circularly polarized electroluminescence based on chiral salen-Zn(π) complex monomer chromophores. <i>Materials Chemistry Frontiers</i> , 2019, 3, 867-873.	3.2	41

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55	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.	3.2	41
56	Ultrasensitive Nucleic Acid Assay Based on Cyclometalated Iridium(III) Complex with High Electrochemiluminescence Efficiency. <i>Analytical Chemistry</i> , 2021, 93, 1686-1692.	3.2	41
57	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.	2.2	40
58	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.	1.9	39
59	Photoredox Divergent 1,2-Difunctionalization of Alkenes with <i>gem</i> -Dibromides. <i>Organic Letters</i> , 2017, 19, 6452-6455.	2.4	39
60	High brightness circularly polarized blue emission from non-doped OLEDs based on chiral binaphthyl-pyrene emitters. <i>Chemical Communications</i> , 2019, 55, 9845-9848.	2.2	39
61	Piezochromism, acidochromism, solvent-induced emission changes and cell imaging of D- β -A 1,4-dihydropyridine derivatives with aggregation-induced emission properties. <i>Dyes and Pigments</i> , 2016, 133, 261-272.	2.0	38
62	Rhenium-Catalyzed Acceptorless Dehydrogenative Coupling via Dual Activation of Alcohols and Carbonyl Compounds. <i>ACS Catalysis</i> , 2013, 3, 2195-2198.	5.5	37
63	CO-enabled rhenium hydride catalyst for directed C(sp ²)-H bond alkylation with olefins. <i>Organic Chemistry Frontiers</i> , 2015, 2, 378-382.	2.3	37
64	A New Chiral Binaphthalene-Based Fluorescence Polymer Sensor for the Highly Enantioselective Recognition of Phenylalaninol. <i>Chemistry - A European Journal</i> , 2013, 19, 16066-16071.	1.7	36
65	Conjugated polymer nanoparticles with aggregation induced emission characteristics for intracellular F ³⁺ sensing. <i>Journal of Polymer Science Part A</i> , 2016, 54, 1686-1693.	2.5	34
66	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, 11901-11904.	2.2	34
67	Trace Ir(III) complex enhanced electrochemiluminescence of AIE-active Pdots in aqueous media. <i>Science China Chemistry</i> , 2020, 63, 715-721.	4.2	34
68	The effect of N-alkyl chain length on the photophysical properties of indene-1,3-dionemethylene-1,4-dihydropyridine derivatives. <i>Journal of Materials Chemistry C</i> , 2016, 4, 5970-5980.	2.7	33
69	Reversal aggregation-induced circular dichroism from axial chirality transfer via self-assembled helical nanowires. <i>RSC Advances</i> , 2017, 7, 15851-15856.	1.7	33
70	Amplification effect of circularly polarized luminescence induced from binaphthyl-based zinc(II) chiral coordination polymers. <i>Materials Chemistry Frontiers</i> , 2018, 2, 554-558.	3.2	33
71	Aggregation-Induced Electrochemiluminescence of Conjugated Pdots Containing a Trace Ir(III) Complex: Insights into Structure-Property Relationships. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 54012-54019.	4.0	33
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	32

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73	Synthesis and Fluorescence Properties of Chiral Near-Infrared Emissive Polymers Incorporating BODIPY Derivatives and Binaphthyl. <i>Macromolecular Chemistry and Physics</i> , 2012, 213, 2238-2245.	1.1	30
74	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.	2.7	30
75	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.	3.6	30
76	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.	2.7	30
77	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	29
78	A study on tunable AIE (AIEE) of boron ketoiminate-based conjugated polymers for live cell imaging. <i>Polymer Chemistry</i> , 2015, 6, 5070-5076.	1.9	29
79	Organocatalytic Asymmetric C–S Bond Formation: Synthesis of Methylene-mercapto Esters with Simple Alkyl Thiols. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 3301-3306.	2.1	28
80	Selective Saccharide Recognition Using Modular Diboronic Acid Fluorescent Sensors. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 1223-1229.	1.2	28
81	Imidazolium Ion-Tagged Proline Organocatalyst for Aminooxylation of Aldehydes and Ketones in Ionic Liquids. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 108-112.	2.1	27
82	Near-infrared emission of novel bent-core V-shaped conjugated polymers based on the B ₂ O ₂ -chelated azadipyromethene structure. <i>Polymer Chemistry</i> , 2013, 4, 4396.	1.9	27
83	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.	2.7	27
84	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.	1.1	26
85	A highly regioselective sp ³ C–H amination of tertiary amides based on Fe(II) complex catalysts. <i>RSC Advances</i> , 2012, 2, 6733.	1.7	26
86	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.	1.5	26
87	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, 267.	2.0	25
88	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.	2.6	24
89	A coumarin-based chiral fluorescence sensor for the highly enantioselective recognition of phenylalaninol. <i>New Journal of Chemistry</i> , 2013, 37, 317-322.	1.4	24
90	(S)-BINOL-based boronic ester fluorescence sensors for enantioselective recognition of L-phenylethylamine and phenylglycinol. <i>RSC Advances</i> , 2014, 4, 5887.	1.7	24

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91	Tunable AICPL of (<i>S</i>)-Binaphthyl-Based Three-Component Polymers via FRET Mechanism. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700150.	2.0	24
92	Solution-Processed White Circularly Polarized Organic Light-Emitting Diodes Based on Chiral Binaphthyl Emitters. <i>Chemistry - A European Journal</i> , 2021, 27, 589-593.	1.7	24
93	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.	2.7	24
94	The Au(III)-catalyzed coupling reactions between alcohols and N-heterocycles via C-H bond activation. <i>RSC Advances</i> , 2012, 2, 10496.	1.7	23
95	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.	3.2	23
96	Polybinaphthyls incorporating chiral 2,2'-binaphthyl and isoquinoline moieties by Sonogashira reaction. <i>Polymer</i> , 2006, 47, 6598-6605.	1.8	22
97	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.	4.0	22
98	Dynamic Circularly Polarized Luminescence with Tunable Handedness and Intensity Enabled by Achiral Dichroic Dyes in Cholesteric Liquid Crystal Medium. <i>Advanced Materials</i> , 2022, 34, e2202309.	11.1	22
99	A helical chiral polymer-based chiro-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	21
100	Circularly Polarized Luminescence of Chiral Perylene Diimide Based Enantiomers Triggered by Supramolecular Self-Assembly. <i>Chemistry - A European Journal</i> , 2016, 22, 12910-12915.	1.7	21
101	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.	2.2	20
102	Amplified electrochemiluminescence signals promoted by the AIE-active moiety of D-A type polymer dots for biosensing. <i>Analyst</i> , 2020, 145, 233-239.	1.7	20
103	Strongly-Induced CPL Emission Promoted from Achiral Conjugated Polymer-Containing Emissive Nematic Liquid Crystals (P-N*â€¦LCs). <i>Macromolecular Rapid Communications</i> , 2021, 42, e2000548.	2.0	18
104	CPL emission of chiral BINOL-based polymers via chiral transfer of the conjugated chain backbone structure. <i>RSC Advances</i> , 2015, 5, 105851-105854.	1.7	17
105	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.	1.3	16
106	In Situ Formed Bifunctional Primary Amine-Mine Catalyst: Application to the Construction of Chiral Tertiary Alcohols through Asymmetric Aldol-Type Reaction. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 2029-2036.	2.1	16
107	Standard White CP-OLEDs Performance Achieved by Intramolecular Chirality Transfer Mechanism through Polymer Chain. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	16
108	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.	2.1	15

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109	Tuning chromaticity based on energy transfer from the conjugated polymer to the Eu(TTA) ₃ moiety. <i>Polymer Chemistry</i> , 2012, 3, 2578.	1.9	14
110	Molecular Engineering of Polymer Dots for Electrochemiluminescence Emission. <i>ACS Applied Nano Materials</i> , 2021, 4, 7244-7252.	2.4	14
111	Amplified Circularly Polarized Electroluminescence Behavior Triggered by Helical Nanofibers from Chiral Coassembly Polymers. <i>Angewandte Chemie</i> , 0, , .	1.6	14
112	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.	1.3	13
113	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	13
114	Synthesis and fluorescence study of conjugated polymers based on 2,4,6-triphenylpyridine moieties. <i>New Journal of Chemistry</i> , 2016, 40, 6281-6288.	1.4	13
115	AIE-active conjugated polymer nanoparticles with red-emission for in vitro and in vivo imaging. <i>RSC Advances</i> , 2016, 6, 114580-114586.	1.7	12
116	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	11
117	Synthesis and enantioselectivities of soluble polymers incorporating optically active binaphthyl and binaphthol. <i>Journal of Applied Polymer Science</i> , 2007, 106, 821-827.	1.3	10
118	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	10
119	A fluorescent chemosensor based on optically active 2,2'-binaphtho-20-crown-6 for metal ions. <i>Polymer International</i> , 2010, 59, 712-718.	1.6	9
120	Click-BINOL based chiral ionic polymers for highly enantioselective recognition of tryptophan anions. <i>Polymer Chemistry</i> , 2014, 5, 5218.	1.9	6
121	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.	2.0	6
122	Central-to-Axial Chirality Transfer-Induced CD Sensor for Chiral Recognition and <i>ee</i> Value Detection of 1,2-DACH Enantiomers. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 1925-1929.	1.1	5
123	The amplified electrochemiluminescence response signal promoted by the Ir(III)-containing polymer complex. <i>Analyst</i> , 2018, 143, 2405-2410.	1.7	5
124	Chiral binaphthylamine based emitters with donor-acceptor structures: Facile synthesis and circularly polarized luminescence. <i>Dyes and Pigments</i> , 2022, 199, 110085.	2.0	4
125	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.	0.7	3
126	Fluorescence upconversion properties of a chiral polybinaphthyl induced by two-photon absorption. <i>Journal of Applied Polymer Science</i> , 2012, 124, 2867-2870.	1.3	2

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127	Synthesis and Characterization of 2-Alkylbenzotriazole-Based Donor- π -Acceptor-Type Copolymers. <i>Synlett</i> , 2013, 24, 1505-1508.	1.0	2
128	Strong CPL-active liquid crystal materials induced by intermolecular hydrogen-bonding interaction and a chirality induction mechanism. <i>Soft Matter</i> , 2022, 18, 477-481.	1.2	2