Yi-Xiang Cheng

List of Publications by Year in Descending Order

126 papers	4,255 citations	40 h-index	57 g-index
130 ext. papers	5,133 ext. citations	5.7 avg, IF	5.84 L-index

#	Paper	IF	Citations
126	Inverted Circularly Polarized Luminescence Behavior Induced by Helical Nanofibers through Chiral Co-Assembly from Achiral Liquid Crystal Polymers and Chiral Inducers.. *ACS Nano*, **2022**,	16.7	5
125	Chiral binaphthylamine based emitters with donor-acceptor structures: Facile synthesis and circularly polarized luminescence. *Dyes and Pigments*, **2022**, 199, 110085	4.6	0
124	Amplified Circularly Polarized Electroluminescence Behavior Triggered by Helical Nanofibers from Chiral Co-assembly Polymers.. *Angewandte Chemie - International Edition*, **2022**,	16.4	7
123	Dynamic CPL with Tunable Handedness and Intensity Enabled by Achiral Dichroic Dyes in Cholesteric Liquid Crystal Medium.. *Advanced Materials*, **2022**, e2202309	24	1
122	Frontiers in circularly polarized luminescence: molecular design, self-assembly, nanomaterials, and applications. *Science China Chemistry*, **2021**, 64, 2060	7.9	46
121	Controllable Circularly Polarized Electroluminescence Performance Improved by the Dihedral Angle of Chiral-Bridged Binaphthyl-Type Dopant Inducers. *ACS Applied Materials & Interfaces*, **2021**, 13, 55420-55427	9.5	4
120	Ultrasensitive Nucleic Acid Assay Based on Cyclometalated Iridium(III) Complex with High Electrochemiluminescence Efficiency. *Analytical Chemistry*, **2021**, 93, 1686-1692	7.8	13
119	Ultrastrong Red Circularly Polarized Luminescence Promoted from Chiral Transfer and Intermolecular Förster Resonance Energy Transfer in Ternary Chiral Emissive Nematic Liquid Crystals. *Journal of Physical Chemistry Letters*, **2021**, 12, 598-603	6.4	29
118	Deep Blue Circularly Polarized Luminescence Response Behavior of an Achiral Pyrene-Based Emitter Regulated by Chiral Co-assembly Helical Nanofibers. *Journal of Physical Chemistry Letters*, **2021**, 12, 3767-3772	6.4	7
117	Molecular Engineering of Polymer Dots for Electrochemiluminescence Emission. *ACS Applied Nano Materials*, **2021**, 4, 7244-7252	5.6	0
116	Strong-Induced CPL Emission Promoted from Achiral Conjugated Polymer-Containing Emissive Nematic Liquid Crystals (P-N*-LCs). *Macromolecular Rapid Communications*, **2021**, 42, e2000548	4.8	9
115	Tunable AI-CPL behavior by regulation of microstructure of AIE-active isomers through chiral emissive liquid crystals. *Dyes and Pigments*, **2021**, 186, 109001	4.6	3
114	Solution-Processed White Circularly Polarized Organic Light-Emitting Diodes Based on Chiral Binaphthyl Emitters. *Chemistry - A European Journal*, **2021**, 27, 589-593	4.8	8
113	Circularly polarized electroluminescence from an achiral fluorophore induced by co-assembly with chiral polymers. *Journal of Materials Chemistry C*, **2021**, 9, 12141-12147	7.1	7
112	Full-Color and White Circularly Polarized Luminescence Promoted by Liquid Crystal Self-Assembly Containing Chiral Naphthalimide Dyes. *Advanced Optical Materials*, **2021**, 9, 2100961	8.1	5
111	A photosensitive-type CPL response controlled by intermolecular dynamic FRET and chiral transfer in ternary chiral emissive nematic liquid crystals. *Journal of Materials Chemistry C*, **2021**, 9, 12590-12595	7.1	4
110	Trace Ir(III) complex enhanced electrochemiluminescence of AIE-active Pdots in aqueous media. *Science China Chemistry*, **2020**, 63, 715-721	7.9	18

109	Aggregation-Induced Electrochemiluminescence of Conjugated Pdots Containing a Trace Ir(III) Complex: Insights into Structure-Property Relationships. *ACS Applied Materials & Interfaces*, **2020**,	9.5	12
108	The amplified circularly polarized luminescence regulated from D-A type AIE-active chiral emitters via liquid crystals system. *Chemical Communications*, **2020**, 56, 1117-1120	5.8	30
107	High brightness circularly polarized electroluminescence from conjugated polymer F8BT induced by chiral binaphthyl-pyrene. *Journal of Materials Chemistry C*, **2020**, 8, 15669-15676	7.1	9
106	Strong CPL of achiral liquid crystal fluorescent polymer the regulation of AIE-active chiral dopant. *Chemical Communications*, **2020**, 56, 12829-12832	5.8	22
105	Recyclable CPL switch regulated by using an applied DC electric field from chiral nematic liquid crystals (N*-LCs). *Materials Chemistry Frontiers*, **2020**, 4, 2954-2961	7.8	16
104	An Efficient Electrochemiluminescence Enhancement Strategy on Bipolar Electrode for Bioanalysis. *Analytical Chemistry*, **2019**, 91, 12553-12559	7.8	21
103	High Green Brightness Circularly Polarized Electroluminescence Regulated by Rigid Chiral D-A Type Emitters. *Journal of Physical Chemistry C*, **2019**, 123, 24746-24753	3.8	18
102	Circularly Polarized Electroluminescence of Thermally Activated Delayed Fluorescence-Active Chiral Binaphthyl-Based Luminogens. *ACS Applied Materials & Interfaces*, **2019**, 11, 26165-26173	9.5	54
101	Dual resonance energy transfer in triple-component polymer dots to enhance electrochemiluminescence for highly sensitive bioanalysis. *Chemical Science*, **2019**, 10, 6815-6820	9.4	51
100	Strong circularly polarized electroluminescence based on chiral salen-Zn(II) complex monomer chromophores. *Materials Chemistry Frontiers*, **2019**, 3, 867-873	7.8	21
99	Strong CPL of achiral AIE-active dyes induced by supramolecular self-assembly in chiral nematic liquid crystals (AIE-N*-LCs). *Chemical Communications*, **2019**, 55, 5179-5182	5.8	72
98	Tunable aggregation-induced circularly polarized luminescence of chiral AIEgens via the regulation of mono-/di-substituents of molecules or nanostructures of self-assemblies. *Materials Chemistry Frontiers*, **2019**, 3, 2066-2071	7.8	13
97	High brightness circularly polarized blue emission from non-doped OLEDs based on chiral binaphthyl-pyrene emitters. *Chemical Communications*, **2019**, 55, 9845-9848	5.8	28
96	Amplified electrochemiluminescence signals promoted by the AIE-active moiety of D-A type polymer dots for biosensing. *Analyst, The*, **2019**, 145, 233-239	5	11
95	High Brightness Circularly Polarized Organic Light-Emitting Diodes Based on Nondoped Aggregation-Induced Emission (AIE)-Active Chiral Binaphthyl Emitters. *Organic Letters*, **2019**, 21, 439-443	6.2	70
94	DOX Loaded Aggregation-induced Emission Active Polymeric Nanoparticles as a Fluorescence Resonance Energy Transfer Traceable Drug Delivery System for Self-indicating Cancer Therapy. *Acta Biomaterialia*, **2019**, 85, 218-228	10.8	52
93	Effective structural modification of traditional fluorophores to obtain organic mechanofluorochromic molecules. *Journal of Materials Chemistry C*, **2018**, 6, 5075-5096	7.1	86
92	The amplified electrochemiluminescence response signal promoted by the Ir(iii)-containing polymer complex. *Analyst, The*, **2018**, 143, 2405-2410	5	4

91	The amplified circularly polarized luminescence emission response of chiral 1,1?-binaphthol-based polymers via Zn(II)-coordination fluorescence enhancement. *Journal of Polymer Science Part A*, **2018**, 56, 1282-1288	2.5	8
90	Color-tunable AIE-active conjugated polymer nanoparticles as drug carriers for self-indicating cancer therapy via intramolecular FRET mechanism. *Polymer Chemistry*, **2018**, 9, 3205-3214	4.9	39
89	Amplification effect of circularly polarized luminescence induced from binaphthyl-based zinc(II) chiral coordination polymers. *Materials Chemistry Frontiers*, **2018**, 2, 554-558	7.8	21
88	Electrochemiluminescent resonance energy transfer of polymer dots for aptasensing. *Biosensors and Bioelectronics*, **2018**, 100, 28-34	11.8	46
87	Doping-free circularly polarized electroluminescence of AIE-active chiral binaphthyl-based polymers. *Chemical Communications*, **2018**, 54, 9663-9666	5.8	51
86	Donor-Acceptor Conjugated Polymer Dots for Tunable Electrochemiluminescence Activated by Aggregation-Induced Emission-Active Moieties. *Journal of Physical Chemistry Letters*, **2018**, 9, 5296-5302	6.4	58
85	Strong Aggregation-Induced CPL Response Promoted by Chiral Emissive Nematic Liquid Crystals (N*-LCs). *Chemistry - A European Journal*, **2018**, 24, 12607-12612	4.8	53
84	Circularly polarized luminescence based chirality transfer of the chiral BINOL moiety via rigid π-conjugation chain backbone structures. *Polymer Chemistry*, **2017**, 8, 1555-1561	4.9	37
83	Reversal aggregation-induced circular dichroism from axial chirality transfer via self-assembled helical nanowires. *RSC Advances*, **2017**, 7, 15851-15856	3.7	29
82	Mechanochromic and acidochromic response of 4H-pyran derivatives with aggregation-induced emission properties. *Dyes and Pigments*, **2017**, 141, 428-440	4.6	38
81	Tunable AICPL of (S)-Binaphthyl-Based Three-Component Polymers via FRET Mechanism. *Macromolecular Rapid Communications*, **2017**, 38, 1700150	4.8	15
80	Polymorphism and mechanochromism of N-alkylated 1,4-dihydropyridine derivatives containing different electron-withdrawing end groups. *Journal of Materials Chemistry C*, **2017**, 5, 5183-5192	7.1	39
79	Circularly polarized luminescence of chiral 1,8-naphthalimide-based pyrene fluorophore induced via supramolecular self-assembly. *Journal of Materials Chemistry C*, **2017**, 5, 6030-6036	7.1	17
78	Strong circularly polarized luminescence induced from chiral supramolecular assembly of helical nanorods. *Chemical Communications*, **2017**, 53, 7505-7508	5.8	47
77	Relay Visible-Light Photoredox Catalysis: Synthesis of Pyrazole Derivatives via Formal [4 + 1] Annulation and Aromatization. *Organic Letters*, **2017**, 19, 214-217	6.2	44
76	Harnessing sunlight without a photosensitizer for highly efficient consecutive [3+2]/[4+2] annulation to synthesize fused benzobicyclic skeletons. *Chemical Communications*, **2017**, 53, 10707-10710	5.8	16
75	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. *Journal of Materials Chemistry C*, **2017**, 5, 9264-9272	7.1	37
74	Photoredox Divergent 1,2-Difunctionalization of Alkenes with gem-Dibromides. *Organic Letters*, **2017**, 19, 6452-6455	6.2	29

73	A New Polymer-Based Fluorescent Chemosensor Incorporating Propane-1,3-Dione and 2,5-Diethynylbenzene Moieties for Detection of Copper(II) and Iron(III). *Polymers*, **2017**, 9,	4.5	23
72	Circularly Polarized Luminescence of Chiral Perylene Diimide Based Enantiomers Triggered by Supramolecular Self-Assembly. *Chemistry - A European Journal*, **2016**, 22, 12910-5	4.8	15
71	The functionalization of a cascade of C(sp(2))-H/C(sp(3))-H bonds: synthesis of fused dihydropyrazoles via visible-light photoredox catalysis. *Chemical Communications*, **2016**, 52, 11901-4	5.8	28
70	Visible-light-induced three-component 1,2-difluoroalkylarylation of styrenes with carbonyl difluoroalkyl bromides and indoles. *Organic Chemistry Frontiers*, **2016**, 3, 1443-1446	5.2	38
69	Strong and Reversible Circularly Polarized Luminescence Emission of a Chiral 1,8-Naphthalimide Fluorophore Induced by Excimer Emission and Orderly Aggregation. *Chemistry - A European Journal*, **2016**, 22, 9519-22	4.8	52
68	Piezochromism, acidochromism, solvent-induced emission changes and cell imaging of D-A 1,4-dihydropyridine derivatives with aggregation-induced emission properties. *Dyes and Pigments*, **2016**, 133, 261-272	4.6	33
67	Silole-Containing Polymer Nanodot: An Aqueous Low-Potential Electrochemiluminescence Emitter for Biosensing. *Analytical Chemistry*, **2016**, 88, 845-50	7.8	60
66	Indene-1,3-dionemethylene-4H-pyran derivatives containing alkoxy chains of various lengths: aggregation-induced emission enhancement, mechanofluorochromic properties and solvent-induced emission changes. *Journal of Materials Chemistry C*, **2016**, 4, 2862-2870	7.1	55
65	Conjugated polymer nanoparticles with aggregation induced emission characteristics for intracellular Fe3+ sensing. *Journal of Polymer Science Part A*, **2016**, 54, 1686-1693	2.5	25
64	Visible-Light Photoredox-Catalyzed C-H Difluoroalkylation of Hydrazones through an Aminyl Radical/Polar Mechanism. *Angewandte Chemie - International Edition*, **2016**, 55, 2939-43	16.4	151
63	AIE-active conjugated polymer nanoparticles with red-emission for in vitro and in vivo imaging. *RSC Advances*, **2016**, 6, 114580-114586	3.7	8
62	Synthesis and fluorescence study of conjugated polymers based on 2,4,6-triphenylpyridine moieties. *New Journal of Chemistry*, **2016**, 40, 6281-6288	3.6	10
61	The effect of N-alkyl chain length on the photophysical properties of indene-1,3-dionemethylene-1,4-dihydropyridine derivatives. *Journal of Materials Chemistry C*, **2016**, 4, 5970-5980	7.1	26
60	Regulating Circularly Polarized Luminescence Signals of Chiral Binaphthyl-Based Conjugated Polymers by Tuning Dihedral Angles of Binaphthyl Moieties. *Macromolecules*, **2016**, 49, 5444-5451	5.5	64
59	Aggregation-induced circularly polarized luminescence of an (R)-binaphthyl-based AIE-active chiral conjugated polymer with self-assembled helical nanofibers. *Polymer Chemistry*, **2015**, 6, 2416-2422	4.9	78
58	Rhodium-Catalyzed Direct C7 Alkynylation of Indolines. *Advanced Synthesis and Catalysis*, **2015**, 357, 1149-1153	5.6	36
57	Aggregation-Induced Fluorescence Emission Properties of Dicyanomethylene-1,4-dihydropyridine Derivatives. *Journal of Physical Chemistry C*, **2015**, 119, 6737-6748	3.8	73
56	Far-red/near-infrared fluorescent conjugated polymer nanoparticles with size-dependent chirality and cell imaging applications. *Polymer Chemistry*, **2015**, 6, 3962-3969	4.9	32

55	Circularly polarized luminescence of AIE-active chiral O-BODIPYs induced via intramolecular energy transfer. *Chemical Communications*, **2015**, 51, 9014-7	5.8	106
54	Microwave-assisted preparation of N-doped carbon dots as a biosensor for electrochemical dopamine detection. *Journal of Colloid and Interface Science*, **2015**, 452, 199-202	9.3	58
53	N-doped carbon dots synthesized by rapid microwave irradiation as highly fluorescent probes for Pb2+ detection. *New Journal of Chemistry*, **2015**, 39, 3357-3360	3.6	58
52	Multi-Stimulus-Responsive Fluorescent Properties of Donor-Acceptor Indene-1,3-dionemethylene-1,4-dihydropyridine Derivatives. *Journal of Physical Chemistry C*, **2015**, 119, 23138-23148	3.8	67
51	Red colored CPL emission of chiral 1,2-DACH-based polymers via chiral transfer of the conjugated chain backbone structure. *Polymer Chemistry*, **2015**, 6, 6802-6805	4.9	31
50	Reversal Circularly Polarized Luminescence of AIE-Active Chiral Binaphthyl Molecules from Solution to Aggregation. *Chemistry - A European Journal*, **2015**, 21, 13196-200	4.8	67
49	Visible-Light-Induced Radical Tandem Aryldifluoroacetylation of Cinnamamides: Access to Difluoroacetylated Quinolone-2-ones And 1-Azaspiro[4.5]decanes. *Advanced Synthesis and Catalysis* , **2015**, 357, 3057-3063	5.6	78
48	Central-to-Axial Chirality Transfer-Induced CD Sensor for Chiral Recognition and ee Value Detection of 1,2-DACH Enantiomers. *Macromolecular Chemistry and Physics*, **2015**, 216, 1925-1929	2.6	3
47	A study on tunable AIE (AIEE) of boron ketoiminate-based conjugated polymers for live cell imaging. *Polymer Chemistry*, **2015**, 6, 5070-5076	4.9	26
46	CPL emission of chiral BINOL-based polymers via chiral transfer of the conjugated chain backbone structure. *RSC Advances*, **2015**, 5, 105851-105854	3.7	14
45	CO-enabled rhenium hydride catalyst for directed C(sp2)H bond alkylation with olefins. *Organic Chemistry Frontiers*, **2015**, 2, 378-382	5.2	34
44	Investigation of the effect of hapten heterology in the enzyme-linked immunosorbent assay for Sudan I. *Food and Agricultural Immunology*, **2015**, 26, 13-25	2.9	2
43	(S)-BINOL-based boronic ester fluorescence sensors for enantioselective recognition of phenylethylamine and phenylglycinol. *RSC Advances*, **2014**, 4, 5887	3.7	21
42	Synthesis and tunable chiroptical properties of chiral BODIPY-based DA conjugated polymers. *Journal of Materials Chemistry C*, **2014**, 2, 1076-1084	7.1	47
41	Chiral sensing of Eu(III)-containing achiral polymer complex from chiral amino acids coordination induction. *Journal of Polymer Science Part A*, **2014**, 52, 3080-3086	2.5	12
40	Click BINOL based chiral ionic polymers for highly enantioselective recognition of tryptophan anions. *Polymer Chemistry*, **2014**, 5, 5218	4.9	4
39	A novel low-bandgap conjugated polymer based on Ru(II) bis(acetylide) complex and BODIPY moieties. *Journal of Polymer Science Part A*, **2014**, 52, 1686-1692	2.5	9
38	Fluorescence Study of Chiral Ketoiminate-Based Newly Synthesized Boron Hybrid Polymers. *Macromolecular Chemistry and Physics*, **2014**, 215, 358-364	2.6	43

37	A tetraphenylethene-based chiral polymer: an AIE luminogen with high and tunable CPL dissymmetry factor. *Journal of Materials Chemistry C*, **2013**, 1, 4713	7.1	65
36	A helical chiral polymer-based chromo-fluorescence and CD response sensor for selective detection of trivalent cations. *Journal of Polymer Science Part A*, **2013**, 51, 4070-4075	2.5	19
35	Near-infrared emission of novel bent-core V-shaped conjugated polymers based on the B,O-chelated azadipyrromethene structure. *Polymer Chemistry*, **2013**, 4, 4396	4.9	21
34	Rhenium-Catalyzed Acceptorless Dehydrogenative Coupling via Dual Activation of Alcohols and Carbonyl Compounds. *ACS Catalysis*, **2013**, 3, 2195-2198	13.1	32
33	Chiral sensing for induced circularly polarized luminescence using an Eu(III)-containing polymer and D- or L-proline. *Chemical Communications*, **2013**, 49, 5772-4	5.8	107
32	A Highly Sensitive and Selective Fluorescence Chemosensor for Cu2+ and Zn2+ Based on Solvent Effect. *Chinese Journal of Chemistry*, **2013**, 31, 195-199	4.9	22
31	In Situ Formed Bifunctional Primary Amine-Imine Catalyst: Application to the Construction of Chiral Tertiary Alcohols through Asymmetric Aldol-Type Reaction. *Advanced Synthesis and Catalysis*, **2013**, 355, 2029-2036	5.6	13
30	A visible-light-promoted aerobic C–H/C–N cleavage cascade to isoxazolidine skeletons. *Chemical Science*, **2013**, 4, 1281	9.4	96
29	Aza-BODIPY-based D–A conjugated polymers with tunable band gap: synthesis and near-infrared emission. *Polymer Chemistry*, **2013**, 4, 520-527	4.9	46
28	A coumarin-based chiral fluorescence sensor for the highly enantioselective recognition of phenylalaninol. *New Journal of Chemistry*, **2013**, 37, 317-322	3.6	22
27	A chiral ionic polymer for direct visual enantioselective recognition of α-amino acid anions. *Chemical Communications*, **2013**, 49, 2891-3	5.8	40
26	Tetraethylammonium Bromide-Catalyzed Oxidative Thioesterification of Aldehydes and Alcohols. *Advanced Synthesis and Catalysis*, **2013**, 355, 3558-3562	5.6	55
25	Synthesis and Characterization of 2-Alkylbenzotriazole-Based Donor–Acceptor-Type Copolymers. *Synlett*, **2013**, 24, 1505-1508	2.2	1
24	A new chiral binaphthalene-based fluorescence polymer sensor for the highly enantioselective recognition of phenylalaninol. *Chemistry - A European Journal*, **2013**, 19, 16066-71	4.8	33
23	Selective Saccharide Recognition Using Modular Diboronic Acid Fluorescent Sensors. *European Journal of Organic Chemistry*, **2012**, 2012, 1223-1229	3.2	28
22	Fluorescence upconversion properties of a chiral polybinaphthyl induced by two-photon absorption. *Journal of Applied Polymer Science*, **2012**, 124, 2867-2870	2.9	2
21	Synthesis and Fluorescence Properties of Chiral Near-Infrared Emissive Polymers Incorporating BODIPY Derivatives and (S)-Binaphthyl. *Macromolecular Chemistry and Physics*, **2012**, 213, 2238-2245	2.6	26
20	Tuning chromaticity based on energy transfer from the conjugated polymer to the Eu(TTA)3 moiety. *Polymer Chemistry*, **2012**, 3, 2578	4.9	13

19	A highly regioselective sp3 C–H amination of tertiary amides based on Fe(II) complex catalysts. *RSC Advances*, **2012**, 2, 6733	3.7	21
18	In Situ Generated 1:1 Zn(II)-Containing Polymer Complex Sensor for Highly Enantioselective Recognition of N-Boc-Protected Alanine. *Macromolecules*, **2012**, 45, 7835-7842	5.5	40
17	A highly selective and sensitive polymer-based OFF-ON fluorescent sensor for Hg2+ detection incorporating salen and perylenyl moieties. *Journal of Materials Chemistry*, **2012**, 22, 478-482		118
16	The Au(III)-catalyzed coupling reactions between alcohols and N-heterocycles via C–H bond activation. *RSC Advances*, **2012**, 2, 10496	3.7	20
15	Polymer-based colorimetric and "turn off" fluorescence sensor incorporating benzo[2,1,3]thiadiazole moiety for Hg2+ Detection. *Journal of Polymer Science Part A*, **2012**, 50, 517-522	2.5	28
14	A Scalable, Efficient Gold-Catalyzed Oxidative Phosphonation of sp3 C?H Bonds using Air as Sustainable Oxidant. *Advanced Synthesis and Catalysis*, **2012**, 354, 1646-1650	5.6	80
13	A Highly Efficient Gold-Catalyzed Oxidative C?C Coupling from C?H Bonds Using Air as Oxidant. *Angewandte Chemie*, **2012**, 124, 1278-1281	3.6	50
12	Organocatalytic Enantioselective Sulfenylation of β-Keto Phosphonates: A Convenient Approach to Construct Hetero- Quaternary Stereocenters. *Advanced Synthesis and Catalysis*, **2011**, 353, 545-549	5.6	38
11	Organocatalytic Asymmetric C?S Bond Formation: Synthesis of β-Methylene-β-mercapto Esters with Simple Alkyl Thiols. *Advanced Synthesis and Catalysis*, **2011**, 353, 3301-3306	5.6	23
10	Imidazolium Ion-Tagged Proline Organocatalyst for α-Aminoxylation of Aldehydes and Ketones in Ionic Liquids. *Advanced Synthesis and Catalysis*, **2010**, 352, 108-112	5.6	25
9	A highly selective fluorescence-based polymer sensor incorporating an (R,R)-salen moiety for Zn(2+) detection. *Chemistry - A European Journal*, **2010**, 16, 12898-903	4.8	133
8	Polymer-based fluorescence sensors incorporating chiral binaphthyl and benzo[2,1,3]thiadiazole moieties for Hg2+ detection. *Journal of Polymer Science Part A*, **2010**, 48, 997-1006	2.5	47
7	A fluorescent chemosensor based on optically active 2,2?-binaphtho-20-crown-6 for metal ions. *Polymer International*, **2010**, 59, 712-718	3.3	8
6	Fluorescent chemosensor based on the conjugated polymer incorporating 2,2?-bipyridyl moiety for transition metal ions. *Journal of Applied Polymer Science*, **2009**, 111, 3137-3143	2.9	13
5	A Fluorescent Chemosensor for Transition-Metal Ions Based on Optically Active Polybinaphthyl and 2,2?-Bipyridine. *Macromolecular Chemistry and Physics*, **2008**, 209, 685-694	2.6	25
4	Synthesis and enantioselectivities of soluble polymers incorporating optically active binaphthyl and binaphthol. *Journal of Applied Polymer Science*, **2007**, 106, 821-827	2.9	10
3	Synthesis and characterization of chiral polymer complexes incorporating polybinaphthyls, bipyridine, and Eu(III). *Journal of Polymer Science Part A*, **2007**, 45, 650-660	2.5	30
2	Polybinaphthyls incorporating chiral 2,2?-binaphthyl and isoquinoline moieties by Sonogashira reaction. *Polymer*, **2006**, 47, 6598-6605	3.9	20

1	Synthesis and Characterization of Polybinaphthyls Incorporating Chiral (R) or (S)-2,2?-Binaphthyl Entities by Heck Reaction. *Polymer Journal*, **2005**, 37, 355-362	2.7	16