

Hong-Cheu Lin

List of Publications by Year in descending order

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165
papers

4,827
citations

87888

38
h-index

138484

58
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all docs

165
docs citations

165
times ranked

5506
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel pyrene- and anthracene-based Schiff base derivatives as Cu ²⁺ and Fe ³⁺ fluorescence turn-on sensors and for aggregation induced emissions. <i>Journal of Materials Chemistry A</i> , 2013, 1, 1310-1318.	10.3	245
2	Structure optimization of ruthenium photosensitizers for efficient dye-sensitized solar cells – A goal toward a “bright” future. <i>Coordination Chemistry Reviews</i> , 2012, 256, 3008-3035.	18.8	152
3	Simple pyridyl-salicylimine-based fluorescence “turn-on” sensors for distinct detections of Zn ²⁺ , Al ³⁺ and OH ⁻ ions in mixed aqueous media. <i>Analyst</i> , The, 2013, 138, 2931.	3.5	118
4	Hydrothermal synthesis of nonlinear optical potassium niobate ceramic powder. <i>Materials Letters</i> , 1998, 34, 172-176.	2.6	104
5	Tunable Novel Cyclopentadithiophene-Based Copolymers Containing Various Numbers of Bithiazole and Thienyl Units for Organic Photovoltaic Cell Applications. <i>Macromolecules</i> , 2009, 42, 3681-3693.	4.8	99
6	Novel Thieno-imidazole Based Probe for Colorimetric Detection of Hg ²⁺ and Fluorescence Turn-on Response of Zn ²⁺ . <i>Organic Letters</i> , 2012, 14, 2564-2567.	4.6	93
7	Novel Self-Assembled Metallo-Homopolymers and Metallo-alt-copolymer Containing Terpyridyl Zinc(II) Moieties. <i>Macromolecules</i> , 2006, 39, 8559-8566.	4.8	85
8	A theranostic nrGO@MSN-ION nanocarrier developed to enhance the combination effect of sonodynamic therapy and ultrasound hyperthermia for treating tumor. <i>Nanoscale</i> , 2016, 8, 12648-12657.	5.6	81
9	Multi-Stimuli Responsive FRET Processes of Bifluorophoric AIEgens in an Amphiphilic Copolymer and Its Application to Cyanide Detection in Aqueous Media. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 10959-10972.	8.0	81
10	Novel Alternating Fluorene-Based Conjugated Polymers Containing Oxadiazole Pendants with Various Terminal Groups. <i>Macromolecules</i> , 2004, 37, 7945-7954.	4.8	80
11	Synthesis and Characterization of Poly(fluorene)-Based Copolymers Containing Various 1,3,4-Oxadiazole Dendritic Pendants. <i>Macromolecules</i> , 2006, 39, 4298-4305.	4.8	78
12	Synthesis and applications of novel acceptor–donor–acceptor organic dyes with dithienopyrrole- and fluorene-cores for dye-sensitized solar cells. <i>Tetrahedron</i> , 2011, 67, 303-311.	1.9	75
13	Novel pyrene containing monomeric and dimeric supramolecular AIEE active nano-probes utilized in selective “off–on” trivalent metal and highly acidic pH sensing with live cell applications. <i>Journal of Materials Chemistry C</i> , 2016, 4, 2056-2071.	5.5	71
14	A facile ratiometric fluorescent chemodosimeter for hydrazine based on InGaN–Manske hydrazinolysis and its applications in living cells. <i>Dyes and Pigments</i> , 2014, 103, 9-20.	3.7	70
15	A new pyrene-based aggregation induced ratiometric emission probe for selective detections of trivalent metal ions and its living cell application. <i>Sensors and Actuators B: Chemical</i> , 2015, 207, 338-345.	7.8	67
16	Synthesis and applications of low-bandgap conjugated polymers containing phenothiazine donor and various benzodiazole acceptors for polymer solar cells. <i>Journal of Polymer Science Part A</i> , 2010, 48, 4823-4834.	2.3	66
17	Synthesis and Characterization of Liquid Crystalline Molecules Containing the Quinoline Unit. <i>Molecular Crystals and Liquid Crystals</i> , 1996, 287, 177-181.	0.3	64
18	Synthesis and Characterization of Kinked and Hyperbranched Carbazole/Fluorene-Based Copolymers. <i>Macromolecules</i> , 2006, 39, 7232-7240.	4.8	63

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19	Solution-Processed Small-Molecule Bulk Heterojunction Ambipolar Transistors. <i>Advanced Functional Materials</i> , 2014, 24, 2057-2063.	14.9	62
20	Effect of polar substituents on the properties of 1,3,4-oxadiazole-based liquid crystalline materials containing asymmetric cores. <i>Liquid Crystals</i> , 2004, 31, 831-840.	2.2	58
21	Structural planarity and conjugation effects of novel symmetrical acceptor-donor-acceptor organic sensitizers on dye-sensitized solar cells. <i>Dyes and Pigments</i> , 2012, 93, 1488-1497.	3.7	57
22	Facile synthesis of composite tin oxide nanostructures for high-performance planar perovskite solar cells. <i>Nano Energy</i> , 2019, 60, 275-284.	16.0	57
23	Synthesis and characterization of light-emitting main-chain metallo-polymers containing bis-terpyridyl ligands with various lateral substituents. <i>Journal of Polymer Science Part A</i> , 2007, 45, 3243-3255.	2.3	53
24	Synthesis and characterization of novel low-bandgap triphenylamine-based conjugated polymers with main-chain donors and pendent acceptors for organic photovoltaics. <i>Journal of Polymer Science Part A</i> , 2010, 48, 5812-5823.	2.3	53
25	Broad Ranges and Fast Responses of Single-Component Blue-Phase Liquid Crystals Containing Banana-Shaped 1,3,4-Oxadiazole Cores. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 228-235.	8.0	52
26	Highly stretchable supramolecular conductive self-healable gels for injectable adhesive and flexible sensor applications. <i>Journal of Materials Chemistry A</i> , 2020, 8, 19954-19964.	10.3	52
27	A Novel Diketopyrrolopyrrole (DPP)-Based [2]Rotaxane for Highly Selective Optical Sensing of Fluoride. <i>Organic Letters</i> , 2013, 15, 1274-1277.	4.6	50
28	Synthesis of novel triarylamine-based dendrimers with N4,N6-dibutyl-1,3,5-triazine-4,6-diamine probe for electron/energy transfers in H-bonded donor-acceptor-donor triads and as efficient Cu ²⁺ sensors. <i>Journal of Materials Chemistry</i> , 2012, 22, 8976.	6.7	49
29	Soluble narrow-bandgap copolymers containing novel cyclopentadithiophene units for organic photovoltaic cell applications. <i>Journal of Polymer Science Part A</i> , 2009, 47, 2073-2092.	2.3	48
30	Heterocyclic benzothiazole-based liquid crystals: synthesis and mesomorphic properties. <i>Liquid Crystals</i> , 2009, 36, 917-925.	2.2	48
31	Synthesis of new schiff base ester liquid crystals with a benzothiazole core. <i>Liquid Crystals</i> , 2010, 37, 547-554.	2.2	48
32	Acid/Base and H ₂ PO ₄ ⁻ Controllable High-Contrast Optical Molecular Switches with a Novel BODIPY Functionalized [2]Rotaxane. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 26491-26503.	8.0	47
33	Efficient bilayer polymer solar cells possessing planar mixed-heterojunction structures. <i>Journal of Materials Chemistry</i> , 2010, 20, 3295.	6.7	43
34	Highly Efficient Förster Resonance Energy Transfer Modulations of Dual-AIEgens between a Tetraphenylethylene Donor and a Merocyanine Acceptor in Photo-Switchable [2]Rotaxanes and Reversible Photo-Patterning Applications. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 47921-47938.	8.0	43
35	Enhanced photovoltaic performance by synergism of light-cultivation and electronic localization for highly efficient dye-sensitized solar cells. <i>Journal of Materials Chemistry</i> , 2009, 19, 7036.	6.7	42
36	New SmCG Phases in a Hydrogen-Bonded Bent-Core Liquid Crystal Featuring a Branched Siloxane Terminal Group. <i>Journal of the American Chemical Society</i> , 2011, 133, 15674-15685.	13.7	42

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37	Synthesis and Characterization of Light-Emitting H-Bonded Complexes and Polymers Containing Bis(pyridyl) Emitting Acceptors. <i>Macromolecules</i> , 2006, 39, 557-568.	4.8	40
38	Synthesis and applications of 2,7-carbazole-based conjugated main-chain copolymers containing electron deficient bithiazole units for organic solar cells. <i>Journal of Polymer Science Part A</i> , 2010, 48, 5479-5489.	2.3	40
39	Synthesis and applications of main-chain Ru(II) metallo-polymers containing bis-terpyridyl ligands with various benzodiazole cores for solar cells. <i>Journal of Materials Chemistry</i> , 2011, 21, 1196-1205.	6.7	40
40	Naked eye and fluorescent detections of Hg ²⁺ ions and Cysteine via J-aggregation and deaggregation of a perylene bisimide derivative. <i>Sensors and Actuators B: Chemical</i> , 2014, 194, 229-237.	7.8	40
41	Facile rhodamine-based colorimetric sensors for sequential detections of Cu(II) ions and pyrophosphate (P ₂ O ₇ ⁴⁻) anions. <i>RSC Advances</i> , 2016, 6, 106631-106640.	3.6	40
42	Heterocyclic pyridine-based liquid crystals: synthesis and mesomorphic properties. <i>Liquid Crystals</i> , 2018, 45, 1574-1584.	2.2	40
43	Toward Optimization of Oligothiophene Antennas: New Ruthenium Sensitizers with Excellent Performance for Dye-Sensitized Solar Cells. <i>Chemistry of Materials</i> , 2010, 22, 4392-4399.	6.7	39
44	Synthesis and application of H-Bonded cross-linking polymers containing a conjugated pyridyl H-Acceptor side-chain polymer and various carbazole-based H-Donor dyes bearing symmetrical cyanoacrylic acids for organic solar cells. <i>Polymer</i> , 2010, 51, 6182-6192.	3.8	38
45	Monomeric and aggregation emissions of tetraphenylethene in a photo-switchable polymer controlled by cyclization of diarylethene and solvent conditions. <i>Journal of Materials Chemistry C</i> , 2017, 5, 9952-9962.	5.5	37
46	Synthesis of sulfone-substituted thiophene chromophores for second-order nonlinear optics. <i>Tetrahedron Letters</i> , 1996, 37, 7279-7282.	1.4	36
47	Synthesis and characterization of poly(flourene-co-alt-phenylene) containing 1,3,4-oxadiazole dendritic pendants. <i>Journal of Polymer Science Part A</i> , 2006, 44, 6765-6774.	2.3	36
48	Fully self-healable, highly stretchable, and anti-freezing supramolecular gels for energy-harvesting triboelectric nanogenerator and self-powered wearable electronics. <i>Nano Energy</i> , 2021, 90, 106525.	16.0	36
49	A novel ball milling technique for room temperature processing of TiO ₂ nanoparticles employed as the electron transport layer in perovskite solar cells and modules. <i>Journal of Materials Chemistry A</i> , 2018, 6, 7114-7122.	10.3	35
50	Synthesis and characterization of poly(flourene)-based copolymers containing various 1,3,4-oxadiazole pendants. <i>Journal of Polymer Science Part A</i> , 2005, 43, 2700-2711.	2.3	33
51	Study of Supramolecular Side-Chain Copolymers Containing Light-Emitting H-Acceptors and Electron-Transporting Dendritic H-Donors. <i>Macromolecules</i> , 2008, 41, 9692-9703.	4.8	33
52	Self-Assembly of Tetraphenylethene-Based [2]Catenane Driven by Acid-Base-Controllable Molecular Switching and Its Enabled Aggregation-Induced Emission. <i>Organic Letters</i> , 2014, 16, 5564-5567.	4.6	33
53	Green phosphorescent iridium dendrimers containing dendronized benzoimidazole-based ligands for OLEDs. <i>Organic Electronics</i> , 2008, 9, 557-568.	2.6	32
54	Mesogenic Schiff's base ether with dimethylamino end group. <i>Phase Transitions</i> , 2009, 82, 387-397.	1.3	32

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55	Synthesis and second-order nonlinearities of sulfonyl-substituted pyrrole imino dyes. <i>Tetrahedron Letters</i> , 1999, 40, 2157-2160.	1.4	31
56	Flexible Organic Thin Film Transistors Incorporating a Biodegradable CO ₂ -Based Polymer as the Substrate and Dielectric Material. <i>Scientific Reports</i> , 2018, 8, 8146.	3.3	31
57	Metallo-homopolymer and metallo-copolymers containing light-emitting poly(fluorene/ethynylene/(terpyridyl)zinc(II)) backbones and 1,3,4-oxadiazole (OXD) pendants. <i>Polymer</i> , 2007, 48, 5268-5278.	3.8	29
58	Novel narrow-band-gap conjugated copolymers containing phenothiazine- <i>acryl</i> cyanovinyl units for organic photovoltaic cell applications. <i>Journal of Polymer Science Part A</i> , 2008, 46, 4285-4304.	2.3	29
59	Correlation between Exciton Lifetime Distribution and Morphology of Bulk Heterojunction Films after Solvent Annealing. <i>Journal of Physical Chemistry C</i> , 2010, 114, 9062-9069.	3.1	29
60	Supramolecular liquid crystals containing isoquinoline hydrogen-bonded acceptors. <i>Liquid Crystals</i> , 1999, 26, 613-618.	2.2	28
61	Self-healable and anti-freezing ion conducting hydrogel-based artificial bioelectronic tongue sensing toward astringent and bitter tastes. <i>Biosensors and Bioelectronics</i> , 2022, 198, 113811.	10.1	28
62	Highly branched green phosphorescent tris-cyclometalated iridium(III) complexes for solution-processed organic light-emitting diodes. <i>Organic Electronics</i> , 2009, 10, 594-606.	2.6	27
63	Novel dithieno-benzo-imidazole-based Pb ²⁺ sensors: substituent effects on sensitivity and reversibility. <i>Chemical Communications</i> , 2012, 48, 5668.	4.1	26
64	Enhancement of photovoltaic properties in supramolecular polymer networks featuring a solar cell main-chain polymer H-bonded with conjugated cross-linkers. <i>Polymer</i> , 2012, 53, 1219-1228.	3.8	26
65	UV-enhanced room-temperature ultrasensitive NO gas sensor with vertical channel nano-porous organic diodes. <i>Sensors and Actuators B: Chemical</i> , 2020, 320, 128392.	7.8	26
66	Synthesis and Characterization of Rod-Coil Polymers Based on Poly(ethylene oxide)s and Novel Luminescent Aromatic Cores. <i>Macromolecules</i> , 2006, 39, 3808-3816.	4.8	25
67	Synthesis and smectogenic properties of novel phloroglucinol-based star-shaped liquid crystals containing three peripheral alkyloxyylated Schiff base arms. <i>Liquid Crystals</i> , 2013, 40, 516-527.	2.2	25
68	Supramolecular Side-Chain Liquid Crystalline Polymers with Various Kinked Pendant Groups. <i>Macromolecules</i> , 1998, 31, 7298-7311.	4.8	24
69	H-Bonded Effects on Novel Supramolecular Dendrimers Containing Electron-Transporting Donor Dendrons and Single/Double H-Bonded Acceptor Emitters. <i>Macromolecules</i> , 2006, 39, 7985-7997.	4.8	24
70	Synthesis and Mesomorphic Properties of 2-(4-Alkyloxyphenyl)benzothiazoles. <i>Molecular Crystals and Liquid Crystals</i> , 2009, 506, 56-70.	0.9	24
71	H-Bonded effects on supramolecular liquid crystalline trimers containing photoluminescent cores. <i>Journal of Materials Chemistry</i> , 2001, 11, 2958-2965.	6.7	23
72	Synthesis and characterization of H-bonded side-chain and crosslinking LC polymers containing donor/acceptor homopolymers and copolymers. <i>Polymer</i> , 2005, 46, 12146-12157.	3.8	23

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73	Synthesis, characterization, and photophysics of electroluminescent fluorene/dibenzothiophene- and fluorene/dibenzothiophene-S,S-dioxide-based main-chain copolymers bearing benzimidazole-based iridium complexes as backbones or dopants. <i>Polymer</i> , 2009, 50, 5945-5958.	3.8	23
74	Optimization of FRET Behavior in Photoswitchable [2]Rotaxanes Containing Bifluorophoric Naphthalimide Donor and Merocyanine Acceptor with Sensor Approaches toward Sulfite Detection. <i>Chemistry of Materials</i> , 2020, 32, 9371-9389.	6.7	23
75	Star-like fluorene based polyamines: non-conjugated building blocks for light-harvesting materials. <i>Tetrahedron</i> , 2006, 62, 3517-3522.	1.9	22
76	Configuration Effects of H-Bonded Sites and Rigid Core Lengths on H-Bonded Banana-Shaped Liquid Crystalline Supramolecules Consisting of Symmetric Trimers and Asymmetric Heterodimers. <i>Journal of Physical Chemistry B</i> , 2009, 113, 14648-14660.	2.6	22
77	An Unprecedentedly Huge Square-Grid Copper(II)-Organic Framework Material Built from a Bulky Pyrene-Derived Elongated Cross-Shaped Scaffold. <i>Inorganic Chemistry</i> , 2009, 48, 8650-8652.	4.0	22
78	Multi-stimuli responsive fluorescence of amphiphilic AIEgen copolymers for ultrafast, highly sensitive and selective copper ion detection in water. <i>Sensors and Actuators B: Chemical</i> , 2021, 344, 130241.	7.8	22
79	Preliminary communication A novel class of heterocyclic liquid crystals with broad smectic C phase. <i>Liquid Crystals</i> , 1997, 22, 661-667.	2.2	21
80	Synthesis and characterization of alternating fluorene-based copolymers containing diaryl- and non-substituted bithiophene units. <i>Polymer</i> , 2005, 46, 9810-9820.	3.8	21
81	Novel Supramolecular Side-Chain Banana-Shaped Liquid Crystalline Polymers Containing Covalent- and Hydrogen-Bonded Bent Cores. <i>Macromolecules</i> , 2010, 43, 1277-1288.	4.8	20
82	Enhanced light-harvesting capability by phenothiazine in ruthenium sensitizers with superior photovoltaic performance. <i>Journal of Materials Chemistry</i> , 2012, 22, 130-139.	6.7	20
83	Synthesis of Main-Chain Metallo-Copolymers Containing Donor and Acceptor Bis-Terpyridyl Ligands for Photovoltaic Applications. <i>Macromolecular Rapid Communications</i> , 2012, 33, 528-533.	3.9	20
84	Novel Water-Soluble Cyclodextrin-Based Conjugated Polymer for Selective Host-Guest Interactions of Cationic Surfactant CTAB and Reverse FRET with Rhodamine B Tagged Adamantyl Guest. <i>Macromolecules</i> , 2016, 49, 5587-5598.	4.8	20
85	Synthesis and characterization of light-emitting oligo(p-phenylene-vinylene)s and polymeric derivatives containing three- and five-conjugated phenylene rings. <i>Journal of Polymer Science Part A</i> , 2006, 44, 783-800.	2.3	19
86	Shape and Confinement Effects of Various Terminal Siloxane Groups on Supramolecular Interactions of Hydrogen-Bonded Bent-Core Liquid Crystals. <i>Chemistry of Materials</i> , 2015, 27, 4525-4537.	6.7	19
87	Efficient FRET Approaches toward Copper(II) and Cyanide Detections via Host-Guest Interactions of Photo-Switchable [2]Pseudo-Rotaxane Polymers Containing Naphthalimide and Merocyanine Moieties. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 53257-53273.	8.0	19
88	Liquid crystal dimers containing Cholesteryl and Triazole-containing mesogenic units. <i>Liquid Crystals</i> , 2020, 47, 219-230.	2.2	18
89	Preliminary communication - The effects of bending sites on unconventionally shaped hydrogen-bonded liquid crystals. <i>Liquid Crystals</i> , 1998, 24, 315-323.	2.2	17
90	Synthesis and mesogenic properties of azo-dye liquid crystals. <i>Liquid Crystals</i> , 2000, 27, 707-709.	2.2	17

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91	Fused-ring and linking group effects of proton donors and acceptors on simple H-bonded liquid crystals. <i>Liquid Crystals</i> , 2000, 27, 1103-1112.	2.2	17
92	Study of supramolecular side-chain and cross-linking polymers by complexation of various H-donor acids with H-acceptor copolymers containing pendent carbazole and fluorescent pyridyl units. <i>Journal of Polymer Science Part A</i> , 2009, 47, 2734-2753.	2.3	17
93	Electroluminescent main-chain copolymers containing phosphorescent benzimidazole-based iridium complexes as copolymerization backbone units or dopants. <i>Polymer Chemistry</i> , 2010, 1, 494-505.	3.9	17
94	Novel Reversible Chemosensory Material Based on Conjugated Side-Chain Polymer Containing Fluorescent Pyridyl Receptor Pendants. <i>Journal of Physical Chemistry B</i> , 2011, 115, 8845-8852.	2.6	17
95	Synthesis of novel platinum complex core as a selective Ag ⁺ sensor and its H-bonded tetrads self-assembled with triarylamine dendrimers for electron/energy transfers. <i>Journal of Materials Chemistry A</i> , 2014, 2, 17463-17476.	10.3	17
96	Hydrogen-bonded bent-core blue phase liquid crystal complexes containing various molar ratios of proton acceptors and donors. <i>RSC Advances</i> , 2016, 6, 32319-32327.	3.6	17
97	Novel supramolecular conjugated polyrotaxane as an acid-base controllable optical molecular switch. <i>Sensors and Actuators B: Chemical</i> , 2017, 243, 84-95.	7.8	17
98	Pyrene-SH functionalized OTFT for detection of Hg ²⁺ ions in aquatic environments. <i>Organic Electronics</i> , 2019, 69, 275-280.	2.6	17
99	Controllable FRET Behaviors of Supramolecular Host-Guest Systems as Ratiometric Aluminum Ion Sensors Manipulated by Tetraphenylethylene-Functionalized Macrocyclic Host Donor and Multistimuli-Responsive Fluorescein-Based Guest Acceptor. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 20662-20680.	8.0	17
100	Supramolecular assembly of H-bonded side-chain polymers containing conjugated pyridyl H-acceptor pendants and various low-bandgap H-donor dyes bearing cyanoacrylic acid groups for organic solar cell applications. <i>Journal of Polymer Science Part A</i> , 2009, 47, 5998-6013.	2.3	16
101	Supramolecular assembly of H-bonded copolymers/complexes/nanocomposites and fluorescence quenching effects of surface-modified gold nanoparticles on fluorescent copolymers containing pyridyl H-acceptors and acid H-donors. <i>Journal of Materials Chemistry</i> , 2009, 19, 4753.	6.7	16
102	Non-conventional three-armed star-shaped mesogens based on 1,3,5-trisubstituted benzene with azobenzene moieties at the periphery: synthesis, and mesomorphic behaviour. <i>Liquid Crystals</i> , 2014, 41, 1017-1033.	2.2	16
103	Synthesis of fluorinated benzotriazole (BTZ)- and benzodithiophene (BDT)-based low-bandgap conjugated polymers for solar cell applications. <i>Dyes and Pigments</i> , 2017, 139, 349-360.	3.7	16
104	Preliminary communication Properties of nonlinear supramolecular liquid crystals containing thiophenedicarboxylic acids. <i>Liquid Crystals</i> , 1998, 25, 277-283.	2.2	15
105	Novel synthesis of liquid crystalline compounds of 5-substituted 2-(4-alkylphenyl)pyridines. <i>Tetrahedron Letters</i> , 2001, 42, 2177-2179.	1.4	15
106	Efficient bulk heterjunction solar cells based on a low-bandgap polyfluorene copolymers and fullerene derivatives. <i>Organic Electronics</i> , 2009, 10, 1109-1115.	2.6	15
107	Synthesis and Characterization of Reversible Chemosensory Polymers: Modulation of Sensitivity through the Attachment of Novel Imidazole Pendants. <i>Chemistry - A European Journal</i> , 2012, 18, 16061-16072.	3.3	15
108	Host-guest interaction of rotaxane assembly through selective detection of ferric ion: Insight into hemin sensing and switching with sodium ascorbate. <i>Dyes and Pigments</i> , 2016, 131, 49-59.	3.7	15

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109	Exploration of Energy Modulations in Novel RhB-TPE-Based Bichromophoric Materials via Interactions of Cu ²⁺ Ion under Various Semiaqueous and Micellar Conditions. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 6751-6762.	8.0	15
110	Application of stimuli-responsive FRET behavior toward cyanide detection in a photo-switchable [2]pseudorotaxane polymer containing the BODIPY donor and the merocyanine acceptor. <i>Journal of Materials Chemistry C</i> , 2021, 9, 2321-2333.	5.5	15
111	Mesogenic Schiff base esters with benzothiazole core: synthesis and phase transition studies. <i>Phase Transitions</i> , 2010, 83, 195-204.	1.3	14
112	Hydrogen-bonded effects on supramolecular blue phase liquid crystal dimeric complexes. <i>RSC Advances</i> , 2015, 5, 54629-54637.	3.6	14
113	Novel red and white PLED devices consisting of PVK blended with blue-emitting fluorene derivatives and carbazole dopants. <i>Synthetic Metals</i> , 2006, 156, 1155-1160.	3.9	13
114	Synthesis and characterization of liquid-crystalline block copolymers with cyanoterphenyl moieties by atom transfer radical polymerization. <i>Journal of Polymer Science Part A</i> , 2006, 44, 4593-4602.	2.3	13
115	Synthesis of novel dithienothiophene- and 2,7-carbazole-based conjugated polymers and H-bonded effects on electrochromic and photovoltaic properties. <i>Journal of Polymer Science Part A</i> , 2012, 50, 5011-5022.	2.3	13
116	Alkyl chain self ordering, induction and suppression of mesophase by Cu(II) containing [1,2,3]-triazole-based bidentate salicylaldehyde ligands: synthesis, characterisation and X-ray diffraction studies. <i>Liquid Crystals</i> , 2014, 41, 1897-1910.	2.2	13
117	Self-assembly of H-bonded side-chain and cross-linking copolymers containing diblock-copolymeric donors and single/double H-bonded light-emitting acceptors. <i>Journal of Polymer Science Part A</i> , 2009, 47, 4685-4702.	2.3	12
118	Synthesis and Mesomorphic Properties of 6-Methoxy- and 6-Ethoxy-2-(2-Hydroxy-4-Alkanoyloxybenzylideneamino)Benzothiazoles. <i>Molecular Crystals and Liquid Crystals</i> , 2010, 528, 10-22.	0.9	12
119	Fine Tuning of HOMO Energy Levels for Low-Band-Gap Photovoltaic Copolymers Containing Cyclopentadithienopyrrole and Bithiazole Units. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 1960-1970.	2.2	12
120	Novel metallo-dendrimers containing various Ru core ligands and dendritic thiophene arms for photovoltaic applications. <i>Polymer Chemistry</i> , 2014, 5, 5423-5435.	3.9	12
121	Novel asymmetrical single- and double-chiral liquid crystal diads with wide blue phase ranges. <i>RSC Advances</i> , 2015, 5, 4615-4622.	3.6	12
122	Optical-switchable energy transfer controlled by multiple-responsive turn-on fluorescence via metal-ligand and host-guest interactions in diarylethene-based [2]pseudo-rotaxane polymers. <i>Materials Chemistry Frontiers</i> , 2021, 5, 438-449.	5.9	12
123	Oxygen-Enriched MoO_3 nanobelts suppress lithium dendrite formation in stable lithium-metal batteries. <i>Journal of Power Sources</i> , 2021, 507, 230306.	7.8	12
124	Design, synthesis, photophysical, and electrochemical properties of DCM-based conjugated polymers for light-emitting devices. <i>Journal of Polymer Science Part A</i> , 2012, 50, 3806-3818.	2.3	11
125	Synthesis and applications of cyano-vinylene-based polymers containing cyclopentadithiophene and dithienosilole units for photovoltaic cells. <i>Journal of Polymer Science Part A</i> , 2011, 49, 3417-3425.	2.3	10
126	Surface Modification of Gold Nanorods by Grafting Fluorene-Based Conjugated Copolymers Containing Thiolate Pendant. <i>Macromolecular Chemistry and Physics</i> , 2012, 213, 1550-1558.	2.2	10

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