Zhen Li

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5950013/publications.pdf

Version: 2024-02-01

293	16,080	13087	23514
papers	citations	68 h-index	111 g-index

295	295	295	11606
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multi-photoresponsive triphenylethylene derivatives with photochromism, photodeformation and room temperature phosphorescence. Materials Horizons, 2022, 9, 368-375.	6.4	26
2	A perylene diimide dimer-based electron transporting material with an Aâ€“Dâ€“A structure for efficient inverted perovskite solar cells. Journal of Materials Chemistry C, 2022, 10, 2544-2550.	2.7	12
3	An asymmetric 2,3-fluoranthene imide building block for regioregular semiconductors with aggregation-induced emission properties. Chemical Science, 2022, 13, 996-1002.	3.7	10
4	Cyanineâ€Doped Lanthanide Metalâ€“Organic Frameworks for Nearâ€Infrared II Bioimaging. Advanced Science, 2022, 9, e2104561.	5.6	28
5	Boosting Hydrogen Oxidation Performance of Phase-Engineered Ni Electrocatalyst under Alkaline Media. ACS Sustainable Chemistry and Engineering, 2022, 10, 3682-3689.	3.2	16
6	Mobile Phone Flashlightâ€Excited Red Afterglow Bioimaging. Advanced Materials, 2022, 34, e2201280.	11.1	79
7	Recent Progress in Understanding the Structural, Optoelectronic, and Photophysical Properties of Lead Based Dionâ€“Jacobson Perovskites as Well as Their Application in Solar Cells. , 2022, 4, 891-917.		9
8	Expounding the Relationship between Molecular Conformation and Room-Temperature Phosphorescence Property by Deviation Angle. Journal of Physical Chemistry Letters, 2022, 13, 3251-3260.	2.1	9
9	Tetracyanobutadienylâ€Based Nonlinear Optical Dendronized Hyperbranched Polymer Synthesized via [2+2]ÂCycloaddition Polymer Postfunctionalization. Macromolecular Rapid Communications, 2022, 43, e2200179.	2.0	9
10	Room temperature phosphorescence achieved by aromatic/perfluoroaromatic interactions. Science China Chemistry, 2022, 65, 918-925.	4.2	41
11	Molecular Uniting Set Identified Characteristic (<scp>MUSIC</scp>) of Organic Optoelectronic Material. Chinese Journal of Chemistry, 2022, 40, 2356-2370.	2.6	42
12	In Vivo Monitoring of Hydrogen Polysulfide via a NIR-Excitable Reversible Fluorescent Probe Based on Upconversion Luminescence Resonance Energy Transfer. Analytical Chemistry, 2022, 94, 8792-8801.	3.2	14
13	Advances in Pure Organic Mechanoluminescence Materials. Journal of Physical Chemistry Letters, 2022, 13, 5605-5617.	2.1	23
14	Achieving enhanced ML or RTP performance: alkyl substituent effect on the fine-tuning of molecular packing. Materials Chemistry Frontiers, 2021, 5, 817-824.	3.2	21
15	Organic luminogens bearing alkyl substituents: design flexibility, adjustable molecular packing, and optimized performance. Materials Chemistry Frontiers, 2021, 5, 1525-1540.	3.2	33
16	Precise Regulation of Distance between Associated Pyrene Units and Control of Emission Energy and Kinetics in Solid State. CCS Chemistry, 2021, 3, 274-286.	4.6	58
17	The Progress of Circularly Polarized Luminescence in Chiral Purely Organic Materials. Advanced Photonics Research, 2021, 2, 2000136.	1.7	51
18	Merocyanine with Hole-Transporting Ability and Efficient Defect Passivation Effect for Perovskite Solar Cells. ACS Energy Letters, 2021, 6, 869-876.	8.8	64

#	Article	IF	Citations
19	Luminous Butterflies: Rational Molecular Design to Optimize Crystal Packing for Dramatically Enhanced Roomâ€Temperature Phosphorescence. Advanced Optical Materials, 2021, 9, 2001549.	3.6	23
20	Interface-Enhanced Catalytic Selectivity on the C₂ Products of CO₂ Electroreduction. ACS Catalysis, 2021, 11, 2473-2482.	5.5	92
21	A Versatile Strategy for Constructing Ratiometric Upconversion Luminescent Probe with Sensitized Emission of Energy Acceptor. Analytical Chemistry, 2021, 93, 5635-5643.	3.2	19
22	Forceâ€Induced Turnâ€On Persistent Roomâ€Temperature Phosphorescence in Purely Organic Luminogen. Angewandte Chemie, 2021, 133, 12443-12448.	1.6	24
23	Holeâ€Transporting Molecules with Tetrabenzo[a,c,g,i]carbazole Core for Highly Efficient Perovskite Solar Cells. Solar Rrl, 2021, 5, 2100070.	3.1	3
24	Substituent Effects in Organic Luminogens with Room Temperature Phosphorescence. ChemPhotoChem, 2021, 5, 694-701.	1.5	19
25	Sensitizing the Luminescence of Lanthanide-Doped Nanoparticles over 1500 nm for High-Contrast and Deep Imaging of Brain Injury. Analytical Chemistry, 2021, 93, 7949-7957.	3.2	22
26	Dye-Sensitized Rare Earth-Doped Nanoparticles with Boosted NIR-IIb Emission for Dynamic Imaging of Vascular Network-Related Disorders. ACS Applied Materials & Interfaces, 2021, 13, 29303-29312.	4.0	27
27	Upconversion Luminescence Based Bio/Chemosensors. , 2021, , 85-174.		0
28	Visualizing Oxidative Stress Level for Timely Assessment of Ischemic Stroke via a Ratiometric Near-Infrared-II Luminescent Nanoprobe. ACS Nano, 2021, 15, 11940-11952.	7.3	35
29	New Phenothiazine Derivatives That Exhibit Photoinduced Roomâ€Temperature Phosphorescence. Advanced Functional Materials, 2021, 31, 2101719.	7.8	84
30	Activatable luminescent probes for imaging brain diseases. Nano Today, 2021, 39, 101239.	6.2	9
31	Effects of Side Chains in Third Components on the Performance of Fused-Ring Electron-Acceptor-Based Ternary Organic Solar Cells. Energy & Fuels, 2021, 35, 19055-19060.	2.5	9
32	Aggregationâ€induced emission: Red and nearâ€infrared organic lightâ€emitting diodes. SmartMat, 2021, 2, 326-346.	6.4	88
33	Multistage Stimulusâ€Responsive Room Temperature Phosphorescence Based on Hostâ€“Guest Doping Systems. Angewandte Chemie, 2021, 133, 20421-20425.	1.6	17
34	Modification of the Intermediate Binding Energies on Ni/Ni₃N Heterostructure for Enhanced Alkaline Hydrogen Oxidation Reaction. Advanced Functional Materials, 2021, 31, 2106156.	7.8	84
35	The crucial roles of the configurations and electronic properties of organic hole-transporting molecules to the photovoltaic performance of perovskite solar cells. Journal of Materials Chemistry A, 2021, 9, 18148-18163.	5.2	24
36	Tunable Photocontrolled Motions of Anilâ€Poly(ethylene terephthalate) Systems through Excitedâ€State Intramolecular Proton Transfer and Transâ€“Cis Isomerization. Advanced Materials, 2021, 33, e2005249.	11.1	20

#	Article	IF	Citations
37	Intramolecular-locked triphenylamine derivatives with adjustable room temperature phosphorescence properties by the substituent effect. Materials Chemistry Frontiers, 2021, 6, 33-39.	3.2	11
38	Boosting and Activating NIR-IIb Luminescence of Ag₂Te Quantum Dots with a Molecular Trigger. Analytical Chemistry, 2021, 93, 16932-16939.	3.2	8
39	Miracles of molecular uniting. Science China Materials, 2020, 63, 177-184.	3.5	77
40	Upconversion Luminescence Nanoprobes: Strategies for Constructing Upconversion Luminescence Nanoprobes to Improve Signal Contrast (Small 1/2020). Small, 2020, 16, 2070012.	5.2	2
41	Target-modulated sensitization of upconversion luminescence by NIR-emissive quantum dots: a new strategy to construct upconversion biosensors. Chemical Communications, 2020, 56, 1976-1979.	2.2	20
42	Recent progress of magnetic nanomaterials from cobalt-containing organometallic polymer precursors. Polymer Chemistry, 2020, 11, 764-778.	1.9	18
43	Materials for Interfaces in Organic Solar Cells and Photodetectors. ACS Applied Materials & Interfaces, 2020, 12, 3301-3326.	4.0	59
44	In Situ Imaging of Cysteine in the Brains of Mice with Epilepsy by a Near-Infrared Emissive Fluorescent Probe. Analytical Chemistry, 2020, 92, 2802-2808.	3.2	49
45	Rational Design of 2D pâ€“Ï€ Conjugated Polysquaraines for Both Fullerene and Nonfullerene Polymer Solar Cells. Macromolecular Chemistry and Physics, 2020, 221, 1900439.	1.1	6
46	Strategies for Constructing Upconversion Luminescence Nanoprobes to Improve Signal Contrast. Small, 2020, 16, e1905084.	5.2	27
47	Hostâ€“guest materials with room temperature phosphorescence: Tunable emission color and thermal printing patterns. SmartMat, 2020, 1, e1006.	6.4	112
48	Roomâ€Temperature Phosphorescence Invoked Through Norbornylâ€Driven Intermolecular Interaction Intensification with Anomalous Reversible Solidâ€State Photochromism. Angewandte Chemie, 2020, 132, 20336-20341.	1.6	12
49	Roomâ€Temperature Phosphorescence Invoked Through Norbornylâ€Driven Intermolecular Interaction Intensification with Anomalous Reversible Solidâ€State Photochromism. Angewandte Chemie - International Edition, 2020, 59, 20161-20166.	7.2	47
50	A TCBD-based AB₂-type second-order nonlinear optical hyperbranched polymer prepared by a facile click-type postfunctionalization. Polymer Chemistry, 2020, 11, 5493-5499.	1.9	13
51	Synergy effect of electronic characteristics and spatial configurations of electron donors on photovoltaic performance of organic dyes. Journal of Materials Chemistry C, 2020, 8, 14453-14461.	2.7	9
52	Intermolecular electronic coupling of 9-methyl-9H-dibenzo[a,[c] carbazole for strong emission in aggregated state by substituent effect. Science China Chemistry, 2020, 63, 1435-1442.	4.2	36
53	Roomâ€Temperature Phosphorescence Resonance Energy Transfer for Construction of Nearâ€Infrared Afterglow Imaging Agents. Advanced Materials, 2020, 32, e2006752.	11.1	265
54	A Correlation Study between Dendritic Structure and Macroscopic Nonlinearity for Second-Order Nonlinear Optical Materials. Macromolecules, 2020, 53, 4012-4021.	2.2	20

#	Article	IF	Citations
55	Effects of alkoxylation position on fused-ring electron acceptors. Journal of Materials Chemistry C, 2020, 8, 15128-15134.	2.7	8
56	Structural Design of Blueâ€toâ€Red Thermallyâ€Activated Delayed Fluorescence Molecules by Adjusting the Strength between Donor and Acceptor. Asian Journal of Organic Chemistry, 2020, 9, 1262-1276.	1.3	41
57	Engineering NIR-IIb fluorescence of Er-based lanthanide nanoparticles for through-skull targeted imaging and imaging-guided surgery of orthotopic glioma. Nano Today, 2020, 34, 100905.	6.2	100
58	A Universal Strategy to Construct Lanthanide-Doped Nanoparticles-Based Activable NIR-II Luminescence Probe for Bioimaging. IScience, 2020, 23, 100962.	1.9	22
59	An Alkoxyâ€Solubilizing Decacyclic Electron Acceptor for Efficient Ecofriendly Asâ€Cast Bladeâ€Coated Organic Solar Cells. Solar Rrl, 2020, 4, 2000108.	3.1	11
60	Monitoring Neuroinflammation with an HOCl-Activatable and Bloodâ€“Brain Barrier Permeable Upconversion Nanoprobe. Analytical Chemistry, 2020, 92, 5569-5576.	3.2	34
61	Stimulusâ€responsive room temperature phosphorescence in purely organic luminogens. InformaÄnÃ-MateriÃ¡ly, 2020, 2, 791-806.	8.5	100
62	Advanced functional polymer materials. Materials Chemistry Frontiers, 2020, 4, 1803-1915.	3.2	117
63	Molecular Packing: Another Key Point for the Performance of Organic and Polymeric Optoelectronic Materials. Accounts of Chemical Research, 2020, 53, 962-973.	7.6	545
64	Highly Selective Reduction of CO₂ to C₂₊ Hydrocarbons at Copper/Polyaniline Interfaces. ACS Catalysis, 2020, 10, 4103-4111.	5.5	220
65	Partially Controlling Molecular Packing to Achieve Offâ€“On Mechanochromism through Ingenious Molecular Design. Advanced Optical Materials, 2020, 8, 1902036.	3.6	43
66	Removing the Obstacle of Dyeâ€Sensitized Upconversion Luminescence in Aqueous Phase to Achieve Highâ€Contrast Deep Imaging In Vivo. Advanced Functional Materials, 2020, 30, 1910765.	7.8	51
67	9,9â€Dimethylxanthene Derivatives with Roomâ€Temperature Phosphorescence: Substituent Effects and Emissive Properties. Angewandte Chemie, 2020, 132, 10032-10037.	1.6	66
68	9,9â€Dimethylxanthene Derivatives with Roomâ€Temperature Phosphorescence: Substituent Effects and Emissive Properties. Angewandte Chemie - International Edition, 2020, 59, 9946-9951.	7.2	109
69	A New Strategy to Reduce Toxicity of Ethidium Bromide by Alternating Anions: New Derivatives with Excellent Optical Performances, Convenient Synthesis, and Low Toxicity. Small Methods, 2020, 4, 1900779.	4.6	7
70	Photo-crosslinkable second order nonlinear AB₂-type monomers: convenient synthesis and enhanced NLO thermostability. Journal of Materials Chemistry C, 2020, 8, 6380-6387.	2.7	11
71	Highâ€Contrast Polymorphic Luminogen Formed through Effect of Tiny Differences in Intermolecular Interactions on the Intramolecular Charge Transfer Process. Advanced Optical Materials, 2020, 8, 2000436.	3.6	12
72	Organic luminescent materials: The concentration on aggregates from aggregationâ€induced emission. Aggregate, 2020, 1, 6-18.	5.2	288

#	Article	IF	Citations
73	Controllable Synthesis of Externally Functional Dendronized Polymers. CCS Chemistry, 2020, 2, 1040-1048.	4.6	21
74	Utilizing Electroplex Emission to Achieve External Quantum Efficiency up to 18.1% in Nondoped Blue OLED. Research, 2020, 2020, 8649102.	2.8	12
75	Modulation of Acceptor Position in Organic Sensitizers: The Optimization of Intramolecular and Interfacial Charge Transfer Processes. ACS Applied Materials & Interfaces, 2019, 11, 27648-27657.	4.0	20
76	Perylene diimide-based cathode interfacial materials: adjustable molecular structures and conformation, optimized film morphology, and much improved performance of non-fullerene polymer solar cells. Materials Chemistry Frontiers, 2019, 3, 1840-1848.	3.2	28
77	A Mitochondrial-Targeting Near-Infrared Fluorescent Probe for Visualizing and Monitoring Viscosity in Live Cells and Tissues. Analytical Chemistry, 2019, 91, 10302-10309.	3.2	154
78	Upconversion System with Quantum Dots as Sensitizer: Improved Photoluminescence and PDT Efficiency. ACS Applied Materials & Interfaces, 2019, 11, 41100-41108.	4.0	37
79	Dopantâ€Free Squaraineâ€Based Polymeric Holeâ€Transporting Materials with Comprehensive Passivation Effects for Efficient Allâ€Inorganic Perovskite Solar Cells. Angewandte Chemie, 2019, 131, 17888-17894.	1.6	18
80	Mechanoluminescence or Roomâ€Temperature Phosphorescence: Molecular Packingâ€Dependent Emission Response. Angewandte Chemie - International Edition, 2019, 58, 17297-17302.	7.2	116
81	Mechanoluminescence or Roomâ€Temperature Phosphorescence: Molecular Packingâ€Dependent Emission Response. Angewandte Chemie, 2019, 131, 17457-17462.	1.6	26
82	Dopantâ€Free Squaraineâ€Based Polymeric Holeâ€Transporting Materials with Comprehensive Passivation Effects for Efficient Allâ€Inorganic Perovskite Solar Cells. Angewandte Chemie - International Edition, 2019, 58, 17724-17730.	7.2	118
83	Lighting Up NIR-II Fluorescence in Vivo: An Activable Probe for Noninvasive Hydroxyl Radical Imaging. Analytical Chemistry, 2019, 91, 15757-15762.	3.2	88
84	Spiro-Structure: A Good Approach to Achieve Mechanoluminescence Property. ACS Omega, 2019, 4, 18609-18615.	1.6	11
85	Highly Efficient Organic Room-Temperature Phosphorescent Luminophores through Tuning Triplet States and Spinâ€“Orbit Coupling with Incorporation of a Secondary Group. Journal of Physical Chemistry Letters, 2019, 10, 7141-7147.	2.1	23
86	Insight from the old: mechanochromism and mechanoluminescence of two amine-containing tetraphenylethylene isomers. Journal of Materials Chemistry C, 2019, 7, 11790-11796.	2.7	38
87	Halogen-substituted triphenylamine derivatives with intense mechanoluminescence properties. Journal of Materials Chemistry C, 2019, 7, 12256-12262.	2.7	34
88	Facile-Effective Hole-Transporting Materials Based on Dibenzo[a,c]carbazole: The Key Role of Linkage Position to Photovoltaic Performance of Perovskite Solar Cells. ACS Energy Letters, 2019, 4, 2514-2521.	8.8	59
89	Pyrene-fused PDI based ternary solar cells: high power conversion efficiency over 10%, and improved device thermal stability. Materials Chemistry Frontiers, 2019, 3, 93-102.	3.2	27
90	Assemblyâ€Induced Emission of Cellulose Nanocrystals for Hiding Information. Particle and Particle Systems Characterization, 2019, 36, 1800412.	1.2	34

#	Article	IF	Citations
91	Halogenâ€Containing TPAâ€Based Luminogens: Different Molecular Packing and Different Mechanoluminescence. Advanced Optical Materials, 2019, 7, 1900505.	3.6	43
92	Enhanced performance and stability of pâ€“iâ€“n perovskite solar cells by utilizing an AIE-active cathode interlayer. Journal of Materials Chemistry A, 2019, 7, 15662-15672.	5.2	21
93	A Red Emissive Twoâ€Photon Fluorescence Probe Based on Carbon Dots for Intracellular pH Detection. Small, 2019, 15, e1901673.	5.2	150
94	Janus NLO dendrimers with different peripheral functional groups: convenient synthesis and enhanced NLO performance with the aid of the Arâ€“Ar^Fself-assembly. Journal of Materials Chemistry C, 2019, 7, 7344-7351.	2.7	21
95	Hole Transportation: Enhanced Hole Transportation for Inverted Tinâ€Based Perovskite Solar Cells with High Performance and Stability (Adv. Funct. Mater. 18/2019). Advanced Functional Materials, 2019, 29, 1970117.	7.8	4
96	Multiple Luminescence Responses towards Mechanical Stimulus and Photoâ€Induction: The Key Role of the Stuck Packing Mode and Tunable Intermolecular Interactions. Chemistry - A European Journal, 2019, 25, 7031-7037.	1.7	64
97	Similar or different: the same Spiro-core but different alkyl chains with apparently improved device performance of perovskite solar cells. Science China Chemistry, 2019, 62, 739-745.	4.2	27
98	Hole Transport Materials Based on 6,12â€Dihydroindeno[1,2â€b]fluorine with Different Periphery Groups: A New Strategy for Dopantâ€Free Perovskite Solar Cells. Advanced Functional Materials, 2019, 29, 1901296.	7.8	45
99	Enhanced Hole Transportation for Inverted Tinâ€Based Perovskite Solar Cells with High Performance and Stability. Advanced Functional Materials, 2019, 29, 1808059.	7.8	133
100	High Efficiency and Low Rollâ€Off Hybrid WOLEDs by Using a Deep Blue Aggregationâ€Induced Emission Material Simultaneously as Blue Emitter and Phosphor Host. Advanced Optical Materials, 2019, 7, 1801539.	3.6	23
101	Convenient preparation of CsSnI₃ quantum dots, excellent stability, and the highest performance of lead-free inorganic perovskite solar cells so far. Journal of Materials Chemistry A, 2019, 7, 7683-7690.	5.2	116
102	Ultralong UV/mechano-excited room temperature phosphorescence from purely organic cluster excitons. Nature Communications, 2019, 10, 5161.	5.8	216
103	Phenanthroimidazole derivatives with minor structural differences: crystalline polymorphisms, different molecular packing, and totally different mechanoluminescence. Journal of Materials Chemistry C, 2019, 7, 13759-13763.	2.7	39
104	Suppressing photo-oxidation of non-fullerene acceptors and their blends in organic solar cells by exploring material design and employing friendly stabilizers. Journal of Materials Chemistry A, 2019, 7, 25088-25101.	5.2	107
105	The influence of intermolecular interactions and molecular packings on mechanochromism and mechanoluminescence â€“ a tetraphenylethylene derivative case. Journal of Materials Chemistry C, 2019, 7, 12709-12716.	2.7	34
106	Recyclable mechanoluminescent luminogen: different polymorphs, different self-assembly effects of the thiophene moiety and recovered molecular packing via simple thermal-treatment. Materials Chemistry Frontiers, 2019, 3, 32-38.	3.2	57
107	Fluorineâ€Substituted Tetraphenylethene Isomers with Different Triboluminescence Properties. ChemPhotoChem, 2019, 3, 133-137.	1.5	14
108	Tetraphenylcyclopentadiene-Based Hyperbranched Polymers: Convenient Syntheses from One Pot â€œA₄ + B₂â€•Polymerization and High External Quantum Yields up to 9.74% in OLED Devices. Macromolecules, 2019, 52, 896-903.	2.2	19

#	Article	IF	Citations
109	The influence of the molecular packing on the room temperature phosphorescence of purely organic luminogens. Nature Communications, 2018, 9, 840.	5.8	764
110	A second-order nonlinear optical dendronized hyperbranched polymer containing isolation chromophores: achieving good optical nonlinearity and stability simultaneously. Science China Chemistry, 2018, 61, 584-591.	4.2	18
111	Novel AIE-active ratiometric fluorescent probes for mercury(<scp>ii</scp>) based on the Hg²⁺-promoted deprotection of thioketal, and good mechanochromic properties. Journal of Materials Chemistry C, 2018, 6, 773-780.	2.7	82
112	A dual fluorogenic and ¹⁹F NMR probe for the detection of esterase activity. Materials Chemistry Frontiers, 2018, 2, 1201-1206.	3.2	24
113	New application of AIEgens realized in photodetectors: reduced work function of transparent electrodes and much improved performance. Materials Chemistry Frontiers, 2018, 2, 264-269.	3.2	23
114	Enzyme-Responsive Bioprobes Based on the Mechanism of Aggregation-Induced Emission. ACS Applied Materials & Interfaces, 2018, 10, 12278-12294.	4.0	109
115	Holeâ€Transporting Materials for Perovskite Solar Cells. Asian Journal of Organic Chemistry, 2018, 7, 2182-2200.	1.3	49
116	Organic Dyes based on Tetraarylâ€1,4â€dihydropyrroloâ€[3,2â€b]pyrroles for Photovoltaic and Photocatalysis Applications with the Suppressed Electron Recombination. Chemistry - A European Journal, 2018, 24, 18032-18042.	1.7	28
117	Breaking Through the Signal-to-Background Limit of Upconversion Nanoprobes Using a Target-Modulated Sensitizing Switch. Journal of the American Chemical Society, 2018, 140, 14696-14703.	6.6	89
118	Bromineâ€Substituted Fluorene: Molecular Structure, Brâ€“Br Interactions, Roomâ€Temperature Phosphorescence, and Tricolor Triboluminescence. Angewandte Chemie - International Edition, 2018, 57, 16821-16826.	7.2	111
119	Bromineâ€Substituted Fluorene: Molecular Structure, Brâ€“Br Interactions, Roomâ€Temperature Phosphorescence, and Tricolor Triboluminescence. Angewandte Chemie, 2018, 130, 17063-17068.	1.6	26
120	Molecular Conformationâ€Dependent Mechanoluminescence: Same Mechanical Stimulus but Different Emissive Color over Time. Angewandte Chemie - International Edition, 2018, 57, 14174-14178.	7.2	170
121	Molecular Conformationâ€Dependent Mechanoluminescence: Same Mechanical Stimulus but Different Emissive Color over Time. Angewandte Chemie, 2018, 130, 14370-14374.	1.6	39
122	Unexpected room-temperature phosphorescence from a non-aromatic, low molecular weight, pure organic molecule through the intermolecular hydrogen bond. Materials Chemistry Frontiers, 2018, 2, 2124-2129.	3.2	138
123	Significantly improved performance of dye-sensitized solar cells by optimizing organic dyes with pyrrole as the isolation spacer and utilizing alkyl chain engineering. Journal of Materials Chemistry A, 2018, 6, 22256-22265.	5.2	20
124	Butterfly-shaped asymmetric squaraine dimers for organic photovoltaics. Journal of Materials Chemistry C, 2018, 6, 10547-10556.	2.7	12
125	Rational Molecular Design for Efficient Exciton Harvesting, and Deepâ€Blue OLED Application. Advanced Optical Materials, 2018, 6, 1800342.	3.6	80
126	A rigid ringlike molecule: large second-order nonlinear optical performance, good temporal and thermal stability, and ideal spherical structure conforming to the â€œsite isolationâ€•principle. Journal of Materials Chemistry C, 2018, 6, 6784-6791.	2.7	22

#	Article	IF	Citations
127	Naphthalimideâ€and Methacrylateâ€Functionalized Polysiloxanes: Visibleâ€Light Photoinitiators, Modifiers for Polyurethane Acrylate and Photocurable Coatings. ChemPhotoChem, 2018, 2, 818-824.	1.5	11
128	The Influence of Molecular Packing on the Emissive Behavior of Pyrene Derivatives: Mechanoluminescence and Mechanochromism. Advanced Optical Materials, 2018, 6, 1800198.	3.6	125
129	A strategy to facilitate the assembly of DNA and upconversion nanoparticles for biosensor construction. Analytical Methods, 2018, 10, 3933-3938.	1.3	14
130	Janus molecules: large second-order nonlinear optical performance, good temporal stability, excellent thermal stability and spherical structure with optimized dendrimer structure. Materials Chemistry Frontiers, 2018, 2, 1374-1382.	3.2	28
131	Fluorescence of Nonaromatic Organic Systems and Room Temperature Phosphorescence of Organic Luminogens: The Intrinsic Principle and Recent Progress. Small, 2018, 14, e1801560.	5.2	204
132	Tunable Aggregation-Induced Emission Nanoparticles by Varying Isolation Groups in Perylene Diimide Derivatives and Application in Three-Photon Fluorescence Bioimaging. ACS Nano, 2018, 12, 9532-9540.	7.3	106
133	Photo-crosslinkable second-order nonlinear optical polymer: facile synthesis and enhanced NLO thermostability. Polymer Chemistry, 2018, 9, 3522-3527.	1.9	19
134	A pseudo-two-dimensional conjugated polysquaraine: an efficient p-type polymer semiconductor for organic photovoltaics and perovskite solar cells. Journal of Materials Chemistry A, 2018, 6, 13644-13651.	5.2	47
135	How the Molecular Packing Affects the Room Temperature Phosphorescence in Pure Organic Compounds: Ingenious Molecular Design, Detailed Crystal Analysis, and Rational Theoretical Calculations. Advanced Materials, 2017, 29, 1606829.	11.1	351
136	The marriage of AIE and interface engineering: convenient synthesis and enhanced photovoltaic performance. Chemical Science, 2017, 8, 3750-3758.	3.7	41
137	An N-nitrosation reactivity-based two-photon fluorescent probe for the specific in situ detection of nitric oxide. Chemical Science, 2017, 8, 4533-4538.	3.7	115
138	Molecular conformation and packing: their critical roles in the emission performance of mechanochromic fluorescence materials. Materials Chemistry Frontiers, 2017, 1, 2174-2194.	3.2	477
139	New insight into intramolecular conjugation in the design of efficient blue materials: from the control of emission to absorption. Journal of Materials Chemistry C, 2017, 5, 6185-6192.	2.7	10
140	Arâ€“Ar^F Selfâ€Assembly of Starâ€Shaped Secondâ€Order Nonlinear Optical Chromophores Achieving Large Macroscopic Nonlinearities. Advanced Electronic Materials, 2017, 3, 1700138.	2.6	27
141	Reaction-based conjugated polymer fluorescent probe for mercury(<scp>ii</scp>): good sensing performance with â€œturn-onâ€•signal output. Polymer Chemistry, 2017, 8, 2221-2226.	1.9	48
142	AIEgen with Fluorescenceâ€“Phosphorescence Dual Mechanoluminescence at Room Temperature. Angewandte Chemie - International Edition, 2017, 56, 880-884.	7.2	250
143	AIEgen with Fluorescenceâ€“Phosphorescence Dual Mechanoluminescence at Room Temperature. Angewandte Chemie, 2017, 129, 898-902.	1.6	90
144	Thermally Activated Delayed Fluorescent Polymers. Journal of Polymer Science Part A, 2017, 55, 575-584.	2.5	62

#	Article	IF	Citations
145	Copolymers of carbazole and phenazine derivatives: minor structural modification, but totally different photodetector performance. Polymer Chemistry, 2017, 8, 1039-1048.	1.9	17
146	Elucidating the Excited State of Mechanoluminescence in Organic Luminogens with Roomâ€Temperature Phosphorescence. Angewandte Chemie - International Edition, 2017, 56, 15299-15303.	7.2	215
147	Elucidating the Excited State of Mechanoluminescence in Organic Luminogens with Roomâ€Temperature Phosphorescence. Angewandte Chemie, 2017, 129, 15501-15505.	1.6	75
148	Abnormal room temperature phosphorescence of purely organic boron-containing compounds: the relationship between the emissive behaviorand the molecular packing, and the potential related applications. Chemical Science, 2017, 8, 8336-8344.	3.7	176
149	Novel Dâ€“Aâ^Ï€â€“A-Type Organic Dyes Containing a Ladderlike Dithienocyclopentacarbazole Donor for Effective Dye-Sensitized Solar Cells. ACS Omega, 2017, 2, 7048-7056.	1.6	23
150	Alkyl chain engineering of pyrene-fused perylene diimides: impact on transport ability and microfiber self-assembly. Materials Chemistry Frontiers, 2017, 1, 2341-2348.	3.2	23
151	Three polymorphs of one luminogen: how the molecular packing affects the RTP and AIE properties?. Journal of Materials Chemistry C, 2017, 5, 9242-9246.	2.7	164
152	Pyreneâ€Fused Perylene Diimides: New Building Blocks to Construct Nonâ€Fullerene Acceptors With Extremely High Openâ€Circuit Voltages up to 1.26â€‰V. Solar Rrl, 2017, 1, 1700123.	3.1	24
153	Triphenylamine derivatives: different molecular packing and the corresponding mechanoluminescent or mechanochromism property. Journal of Materials Chemistry C, 2017, 5, 9879-9885.	2.7	103
154	Fabrication of high-performance non-doped OLEDs by combining aggregation-induced emission and thermally activated delayed fluorescence. Science China Chemistry, 2017, 60, 1107-1108.	4.2	17
155	To form AIE product with the target analyte: A new strategy for excellent fluorescent probes, and convenient detection of hydrazine in seconds with test strips. Science China Chemistry, 2017, 60, 1596-1601.	4.2	41
156	The design of second-order nonlinear optical dendrimers: From â€œbranch onlyâ€•to â€œroot containingâ€• Chinese Journal of Polymer Science (English Edition), 2017, 35, 793-798.	2.0	16
157	Second-Order Nonlinear Optical Dendrimers and Dendronized Hyperbranched Polymers. Chemical Record, 2017, 17, 71-89.	2.9	42
158	A highly sensitive and selective fluorescent probe for hypochlorite in pure water with aggregation induced emission characteristics. Faraday Discussions, 2017, 196, 427-438.	1.6	37
159	Blue pyrene-based AIEgens: inhibited intermolecular Ï€â€“Ï€ stacking through the introduction of substituents with controllable intramolecular conjugation, and high external quantum efficiencies up to 3.46% in non-doped OLEDs. Materials Chemistry Frontiers, 2017, 1, 91-99.	3.2	135
160	Janus second-order nonlinear optical dendrimers: their controllable molecular topology and corresponding largely enhanced performance. Chemical Science, 2017, 8, 340-347.	3.7	59
161	Pyrene-Based Blue AIEgen: Enhanced Hole Mobility and Good EL Performance in Solution-Processed OLEDs. Molecules, 2017, 22, 2144.	1.7	21
162	A Light-Up Probe for Detection of Adenosine in Urine Samples by a Combination of an AIE Molecule and an Aptamer. Sensors, 2017, 17, 2246.	2.1	9

#	Article	IF	Citations
163	Progress of pyrene-based organic semiconductor in organic field effect transistors. Science China Chemistry, 2016, 59, 1623-1631.	4.2	52
164	FTC-containing molecules: large second-order nonlinear optical performance and excellent thermal stability, and the key development of the â€œIsolation Chromophoreâ€•concept. Journal of Materials Chemistry C, 2016, 4, 11474-11481.	2.7	17
165	A series of dendronized hyperbranched polymers with dendritic chromophore moieties in the periphery: convenient synthesis and large nonlinear optical effects. Polymer Chemistry, 2016, 7, 4016-4024.	1.9	22
166	Functionalization of graphene by a TPE-containing polymer using nitrogen-based nucleophiles. Polymer Chemistry, 2016, 7, 4054-4062.	1.9	16
167	Different Effect of the Additional Electron-Withdrawing Cyano Group in Different Conjugation Bridge: The Adjusted Molecular Energy Levels and Largely Improved Photovoltaic Performance. ACS Applied Materials & Interfaces, 2016, 8, 12134-12140.	4.0	28
168	Co-sensitization of â€œHâ€•type dyes with planar squaraine dyes for efficient dye-sensitized solar cells. RSC Advances, 2016, 6, 40750-40759.	1.7	12
169	NIR in, far-red out: developing a two-photon fluorescent probe for tracking nitric oxide in deep tissue. Chemical Science, 2016, 7, 5230-5235.	3.7	114
170	Tetraphenylcyclopentadiene Derivatives: Aggregationâ€Induced Emission, Adjustable Luminescence from Green to Blue, Efficient Undoped OLED Performance and Good Mechanochromic Properties. Small, 2016, 12, 6623-6632.	5.2	44
171	Conjugated or Broken: The Introduction of Isolation Spacer ahead of the Anchoring Moiety and the Improved Device Performance. ACS Applied Materials & Interfaces, 2016, 8, 28652-28662.	4.0	14
172	The introduction of conjugated isolation groups into the common acceptor cyanoacrylic acid: an efficient strategy to suppress the charge recombination in dye sensitized solar cells and the dramatically improved efficiency from 5.89% to 9.44%. Journal of Materials Chemistry A, 2016, 4, 16403-16409.	5.2	33
173	Pyrene-based blue AIEgens: tunable intramolecular conjugation, good hole mobility and reversible mechanochromism. Journal of Materials Chemistry C, 2016, 4, 8506-8513.	2.7	55
174	From ACQ to AIE: the suppression of the strong Ï€â€“Ï€ interaction of naphthalene diimide derivatives through the adjustment of their flexible chains. Chemical Communications, 2016, 52, 11496-11499.	2.2	145
175	Modulating the Luminescence of Upconversion Nanoparticles with Heavy Metal Ions: A New Strategy for Probe Design. Analytical Chemistry, 2016, 88, 9989-9995.	3.2	35
176	Synthesis and characterization of dendronized hyperbranched polymers through the â€œA3+B2â€• approach. Science China Chemistry, 2016, 59, 1561-1567.	4.2	17
177	Near-Infrared Light-Responsive Hydrogel for Specific Recognition and Photothermal Site-Release of Circulating Tumor Cells. ACS Nano, 2016, 10, 6201-6210.	7.3	146
178	Portable Upconversion Nanoparticles-Based Paper Device for Field Testing of Drug Abuse. Analytical Chemistry, 2016, 88, 1530-1534.	3.2	107
179	New anthracene-based organic dyes: the flexible position of the anthracene moiety bearing isolation groups in the conjugated bridge and the adjustable cell performance. Organic Chemistry Frontiers, 2016, 3, 233-242.	2.3	10
180	Blue AIEgens: approaches to control the intramolecular conjugation and the optimized performance of OLED devices. Journal of Materials Chemistry C, 2016, 4, 2663-2684.	2.7	214

#	Article	IF	Citations
181	Benzene-cored AIEgens for deep-blue OLEDs: high performance without hole-transporting layers, and unexpected excellent host for orange emission as a side-effect. Chemical Science, 2016, 7, 4355-4363.	3.7	85
182	Effect of electron-withdrawing groups in conjugated bridges: molecular engineering of organic sensitizers for dye-sensitized solar cells. Frontiers of Optoelectronics, 2016, 9, 60-70.	1.9	6
183	A stable tetraphenylethene derivative: aggregation-induced emission, different crystalline polymorphs, and totally different mechanoluminescence properties. Materials Horizons, 2016, 3, 220-225.	6.4	228
184	Dramatically enhancing the yield of carbon nanotubes by simply adding oxygen-containing molecules in solid-state synthesis. Chemical Communications, 2016, 52, 2976-2979.	2.2	3
185	A relay strategy for the mercury (II) chemodosimeter with ultra-sensitivity as test strips. Scientific Reports, 2015, 5, 15987.	1.6	42
186	Influences of Conjugation Extent on the Aggregationâ€Induced Emission Quantum Efficiency in Silole Derivatives: A Computational Study. Chemistry - an Asian Journal, 2015, 10, 2154-2161.	1.7	40
187	Similar or Totally Different: the Adjustment of the Twist Conformation Through Minor Structural Modification, and Dramatically Improved Performance for Dyeâ€Sensitized Solar Cell. Advanced Energy Materials, 2015, 5, 1500846.	10.2	51
188	New triphenylamine-based sensitizers bearing double anchor units for dye-sensitized solar cells. Science China Chemistry, 2015, 58, 1144-1151.	4.2	24
189	Visible/Near-Infrared-Light-Induced H₂ Production over g-C₃N₄ Co-sensitized by Organic Dye and Zinc Phthalocyanine Derivative. ACS Catalysis, 2015, 5, 504-510.	5.5	203
190	Polyphenylbenzene as a Platform for Deep-Blue OLEDs: Aggregation Enhanced Emission and High External Quantum Efficiency of 3.98%. Chemistry of Materials, 2015, 27, 1847-1854.	3.2	88
191	New AIEgens containing tetraphenylethene and silole moieties: tunable intramolecular conjugation, aggregation-induced emission characteristics and good device performance. Journal of Materials Chemistry C, 2015, 3, 2624-2631.	2.7	67
192	Triphenylamine-based Ï€-conjugated dendrimers: convenient synthesis, easy solution processability, and good hole-transporting properties. Journal of Materials Chemistry C, 2015, 3, 2016-2023.	2.7	32
193	Construction of LRET-Based Nanoprobe Using Upconversion Nanoparticles with Confined Emitters and Bared Surface as Luminophore. Journal of the American Chemical Society, 2015, 137, 3421-3427.	6.6	187
194	Synthesis and Solid-State Pyrolysis Behavior of POSS Containing Organometallic Polymer with Dicobalt Hexacarbonyl in the Side Chain. Journal of Inorganic and Organometallic Polymers and Materials, 2015, 25, 98-106.	1.9	7
195	Main Chain Dendronized Polymers: Design, Synthesis, and Application in the Second-Order Nonlinear Optical (NLO) Area. Journal of Physical Chemistry C, 2015, 119, 14281-14287.	1.5	16
196	New AIEgens containing dibenzothiophene-S,S-dioxide and tetraphenylethene moieties: similar structures but very different hole/electron transport properties. Journal of Materials Chemistry C, 2015, 3, 5903-5909.	2.7	24
197	â€œTurn-Onâ€•Fluorescent Probe for Mercury(II): High Selectivity and Sensitivity and New Design Approach by the Adjustment of the Ï€-Bridge. ACS Applied Materials & Interfaces, 2015, 7, 11369-11376.	4.0	113
198	How the control of aggregation state surprises us?. Science China Chemistry, 2015, 58, 969-969.	4.2	18

#	Article	IF	Citations
199	Main chain dendronized hyperbranched polymers: convenient synthesis and good second-order nonlinear optical performance. Polymer Chemistry, 2015, 6, 4396-4403.	1.9	17
200	New â€œX-typeâ€•second-order nonlinear optical (NLO) dendrimers: fewer chromophore moieties and high NLO effects. Journal of Materials Chemistry C, 2015, 3, 4545-4552.	2.7	31
201	Dendronized hyperbranched polymers containing isolation chromophores: design, synthesis and further enhancement of the comprehensive NLO performance. Polymer Chemistry, 2015, 6, 5580-5589.	1.9	40
202	New Dâ€“Ï€â€“A organic dyes containing a tert-butyl-capped indolo[3,2,1-jk]carbazole donor with bithiophene unit as Ï€-linker for dye-sensitized solar cells. RSC Advances, 2015, 5, 32967-32975.	1.7	21
203	The partially controllable growth trend of carbon nanoparticles in solid-state pyrolysis of organometallic precursor by introducing POSS units, and their magnetic properties. RSC Advances, 2015, 5, 63296-63303.	1.7	5
204	The integration of an â€œXâ€•type dendron into polymers to further improve the comprehensive NLO performance. Polymer Chemistry, 2015, 6, 6680-6688.	1.9	16
205	Blue AIE luminogens bearing methyl groups: different linkage position, different number of methyl groups, and different intramolecular conjugation. Organic Chemistry Frontiers, 2015, 2, 1608-1615.	2.3	12
206	A Rationally Designed Upconversion Nanoprobe for in Vivo Detection of Hydroxyl Radical. Journal of the American Chemical Society, 2015, 137, 11179-11185.	6.6	170
207	The utilization of post-synthetic modification in opto-electronic polymers: an effective complementary approach but not a competitive one to the traditional direct polymerization process. Polymer Chemistry, 2015, 6, 6770-6791.	1.9	23
208	Two-dimensional quinoxaline based low bandgap conjugated polymers for bulk-heterojunction solar cells. Polymer Chemistry, 2015, 6, 7436-7446.	1.9	9
209	Photoresponsive immunomagnetic nanocarrier for capture and release of rare circulating tumor cells. Chemical Science, 2015, 6, 6432-6438.	3.7	60
210	AIE probes towards biomolecules: the improved selectivity with the aid of graphene oxide. Science China Chemistry, 2015, 58, 1800-1809.	4.2	59
211	The influence of pentafluorophenyl groups on the nonlinear optical (NLO) performance of high generation dendrons and dendrimers. Scientific Reports, 2015, 4, 6101.	1.6	21
212	Blue Aggregationâ€Induced Emission Luminogens: High External Quantum Efficiencies Up to 3.99% in LED Device, and Restriction of the Conjugation Length through Rational Molecular Design. Advanced Functional Materials, 2014, 24, 7645-7654.	7.8	137
213	Diverge from the norm. National Science Review, 2014, 1, 22-24.	4.6	21
214	Construction of efficient blue AIE emitters with triphenylamine and TPE moieties for non-doped OLEDs. Journal of Materials Chemistry C, 2014, 2, 2028.	2.7	122
215	Synthesis of a cyclen-containing disubstituted polyacetylene with strong green photoluminescence and its application as a sensitive chemosensor towards sulfide anion with good selectivity and high sensitivity. Polymer Chemistry, 2014, 5, 2041-2049.	1.9	25
216	Molecular engineering and cosensitization for developing efficient solar cells based on porphyrin dyes with an extended Ï€ framework. Science China Chemistry, 2014, 57, 1491-1491.	4.2	13

#	Article	IF	Citations
217	Further improvement of the macroscopic NLO coefficient and optical transparency of hyperbranched polymers by enhancing the degree of branching. Polymer Chemistry, 2014, 5, 5100.	1.9	25
218	POSS containing organometallic polymers: synthesis, characterization and solid-state pyrolysis behavior. Polymer Chemistry, 2014, 5, 5994-6002.	1.9	19
219	Using low generation dendrimers as monomers to construct dendronized hyperbranched polymers with high nonlinear optical performance. Journal of Materials Chemistry C, 2014, 2, 8122-8130.	2.7	22
220	Using an orthogonal approach and one-pot method to simplify the synthesis of nonlinear optical (NLO) dendrimers. Polymer Chemistry, 2014, 5, 6667-6670.	1.9	10
221	Controllable preparation of nanocomposites through convenient structural modification of cobalt contained organometallic precursors: nanotubes and nanospheres with high selectivity, and their magnetic properties. Journal of Materials Chemistry C, 2014, 2, 633-640.	2.7	13
222	Construction of deep-blue AIE luminogens with TPE and oxadiazole units. Science China Chemistry, 2013, 56, 1213-1220.	4.2	20
223	Design, synthesis and nonlinear optical properties of â€œdendronized hyperbranched polymersâ€• Science Bulletin, 2013, 58, 2753-2761.	1.7	22
224	A functional conjugated hyperbranched polymer derived from tetraphenylethene and oxadiazole moieties: Synthesis by one-pot â€œa4+b2+c2â€•polymerization and applicaion as explosive chemosensor and pled. Chinese Journal of Polymer Science (English Edition), 2013, 31, 1432-1442.	2.0	21
225	Second-order nonlinear optical hyperbranched polymer containing isolation chromophore moieties derived from both â€œHâ€•type and star-type chromophores. Chinese Journal of Polymer Science (English) Tj ETQq1 1 0.784314 rgBT /O	2.0	14
226	Synthesis, two-photon absorption and AIE properties of multibranched thiophene-based triphenylamine derivatives with triazine core. Science China Chemistry, 2013, 56, 1204-1212.	4.2	23
227	The self-assembly effect in NLO polymers containing isolation chromophores: enhanced NLO coefficient and stability. New Journal of Chemistry, 2013, 37, 1789.	1.4	7
228	Changing the shape of chromophores from â€œH-typeâ€•to â€œstar-typeâ€• increasing the macroscopic NLO effects by a large degree. Polymer Chemistry, 2013, 4, 378-386.	1.9	21
229	Second-order nonlinear optical dendrimers containing different types of isolation groups: convenient synthesis through powerful â€œclick chemistryâ€•and large NLO effects. Journal of Materials Chemistry C, 2013, 1, 717-728.	2.7	44
230	A series of AB2-type second-order nonlinear optical (NLO) polyaryleneethynylenes: using different end-capped spacers with adjustable bulk to achieve high NLO coefficients. Polymer Chemistry, 2013, 4, 2361.	1.9	26
231	Main-chain second-order nonlinear optical polyaryleneethynylenes containing isolation chromophores: enhanced nonlinear optical properties, improved optical transparency and stability. Polymer Chemistry, 2013, 4, 3196.	1.9	17
232	Using an isolation chromophore to further improve the comprehensive performance of nonlinear optical (NLO) dendrimers. Journal of Materials Chemistry C, 2013, 1, 3226.	2.7	21
233	Synthesis, characterization and photovoltaic performances of Dâ€“A copolymers based on BDT and DBPz: the largely improved performance caused by additional thiophene blocks. Journal of Materials Chemistry A, 2013, 1, 4508.	5.2	31
234	Construction of high strength hollow fibers by self-assembly of a stiff polysaccharide with short branches in water. Journal of Materials Chemistry A, 2013, 1, 4198.	5.2	69

#	Article	IF	Citations
235	Introduction of an Isolation Chromophore into an â€œHâ€•Shaped NLO Polymer: Enhanced NLO Effect, Optical Transparency, and Stability. ChemPlusChem, 2013, 78, 1523-1529.	1.3	10
236	FACILE APPROACHES FOR CONSTRUCTING BLUE/DEEP-BLUE TPE-BASED SOLID EMITTERS. Journal of Molecular and Engineering Materials, 2013, 01, 1340006.	0.9	7
237	High performance organic sensitizers based on 11,12-bis(hexyloxy) dibenzo[a,c]phenazine for dye-sensitized solar cells. Journal of Materials Chemistry, 2012, 22, 18830.	6.7	86
238	New second-order nonlinear optical (NLO) hyperbranched polymers containing isolation chromophore moieties derived from one-pot â€œA2 + B4â€•approach via Suzuki coupling reaction. RSC Advances, 2012, 2, 6520.	1.7	34
239	Large-scale preparation of graphene sheets and their easy incorporation with other nanomaterials. Polymer Bulletin, 2012, 69, 899-910.	1.7	5
240	Novel pyrrole-based dyes for dye-sensitized solar cells: From rod-shape to â€œHâ€•type. Journal of Materials Chemistry, 2012, 22, 6689.	6.7	81
241	Benzene-cored fluorophors with TPE peripheries: facile synthesis, crystallization-induced blue-shifted emission, and efficient blue luminogens for non-doped OLEDs. Journal of Materials Chemistry, 2012, 22, 12001.	6.7	114
242	Aromatic/perfluoroaromatic self-assembly effect: an effective strategy to improve the NLO effect. Journal of Materials Chemistry, 2012, 22, 18486.	6.7	42
243	A conjugated hyperbranched polymer constructed from carbazole and tetraphenylethylene moieties: convenient synthesis through one-pot â€œA2 + B4â€•Suzuki polymerization, aggregation-induced enhanced emission, and application as explosive chemosensors and PLEDs. Journal of Materials Chemistry, 2012, 22, 6374.	6.7	132
244	New tetraphenylethene-based efficient blue luminophors: aggregation induced emission and partially controllable emitting color. Journal of Materials Chemistry, 2012, 22, 2478-2484.	6.7	162
245	New hyperbranched secondâ€•order nonlinear optical poly(aryleneâ€•ethynylene)s containing pentafluoroaromatic rings as isolation group: Facile synthesis and enhanced optical nonlinearity through Arâ€Ar^F selfâ€•assembly effect. Journal of Polymer Science Part A, 2012, 50, 5124-5133.	2.5	31
246	Water-soluble graphene sheets with large optical limiting response via non-covalent functionalization with polyacetylenes. Journal of Materials Chemistry, 2012, 22, 22624.	6.7	34
247	Functionalized polyacetylenes with strong luminescence: â€œturn-onâ€•fluorescent detection of cyanide based on the dissolution of gold nanoparticles and its application in real samples. Journal of Materials Chemistry, 2012, 22, 5581.	6.7	55
248	A new polyfluorene bearing pyridine moieties: a sensitive fluorescent chemosensor for metal ions and cyanide. Polymer Chemistry, 2012, 3, 1446.	1.9	39
249	Functionalization of graphene by tetraphenylethylene using nitrene chemistry. RSC Advances, 2012, 2, 7042.	1.7	28
250	Novel global-like second-order nonlinear optical dendrimers: convenient synthesis through powerful click chemistry and large NLO effects achieved by using simple azo chromophore. Chemical Science, 2012, 3, 1256.	3.7	70
251	2,3â€bis(5â€Hexylthiophenâ€2â€yl)â€6,7â€bis(octyloxy)â€5,8â€di(thiophenâ€2â€yl) quinoxaline: A good construction block with adjustable role in the donorâ€“â€acceptor system for bulkâ€heterojunction solar cells. Journal of Polymer Science Part A, 2012, 50, 2819-2828.	2.5	14
252	Efficient Metalâ€Free Organic Sensitizers Containing Tetraphenylethylene Moieties in the Donor Part for Dyeâ€Sensitized Solar Cells. European Journal of Organic Chemistry, 2012, 2012, 5248-5255.	1.2	25

#	Article	IF	Citations
253	How the linkage positions affect the performance of bulk-heterojunction polymer solar cells. Journal of Materials Chemistry, 2012, 22, 12523.	6.7	41
254	A Reactionâ€Based Colorimetric Fluoride Probe: Rapid â€œNakedâ€Eyeâ€•Detection and Large Absorption Shift. ChemPlusChem, 2012, 77, 908-913.	1.3	24
255	Novel Functional Conjugative Hyperbranched Polymers with Aggregationâ€Induced Emission: Synthesis Through Oneâ€Pot â€œA₂+B₄â€•Polymerization and Application as Explosive Chemsensors and PLEDs. Macromolecular Rapid Communications, 2012, 33, 164-171.	2.0	135
256	Solution-processable Ï€-conjugated dendrimers with hole-transporting, electroluminescent and fluorescent pattern properties. Journal of Materials Chemistry, 2011, 21, 14663.	6.7	23
257	Synthesis and photovoltaic property of pyrrole-based conjugated oligomer as organic dye for dye-sensitized solar cells. Frontiers of Optoelectronics in China, 2011, 4, 87-92.	0.2	1
258	Two-photon absorption in V-type chromophores with electron-rich heterocyclevinylene bridges. Science China Chemistry, 2011, 54, 625-630.	4.2	3
259	New nonlinear optical polyurethanes with adjusted subtle structure through Sonogashira coupling reaction. Polymers for Advanced Technologies, 2011, 22, 675-681.	1.6	2
260	New series of AB₂â€type hyperbranched polytriazoles derived from the same polymeric intermediate: Different endcapping spacers with adjustable bulk and convenient syntheses via click chemistry under copper(I) catalysis. Journal of Polymer Science Part A, 2011, 49, 1977-1987.	2.5	45
261	Synthesis and twoâ€photon absorption properties of conjugated polymers with Nâ€arylpyrrole as conjugated bridge and isolation moieties. Journal of Polymer Science Part A, 2011, 49, 2538-2545.	2.5	5
262	New imidazoleâ€functionalized polyfluorene derivatives: convenient postfunctional syntheses, sensitive probes for metal ions and cyanide, and adjustable output signals with diversified fluorescence color. Journal of Polymer Science Part A, 2011, 49, 3314-3327.	2.5	23
263	New progress in aggregation-induced emission research. Science Bulletin, 2010, 55, 2924-2925.	1.7	4
264	A Convenient Approach to C₂â€Chiral 1,1,4,4â€Tetrasubstituted Butanetetraols: Direct Alkylation or Arylation of Enantiomerically Pure Diethyl Tartrates. Helvetica Chimica Acta, 2010, 93, 497-503.	1.0	17
265	Copolymer of Fluorene and Triphenylamine Moieties: Direct and Postâ€Functionalization Strategy, Structural Characterization, and Chemosensoring Behavior. Macromolecular Chemistry and Physics, 2010, 211, 18-26.	1.1	26
266	New Secondâ€Order Nonlinear Optical Polymers Derived from AB₂ and AB Monomers via Sonogashira Coupling Reaction. Macromolecular Chemistry and Physics, 2010, 211, 916-923.	1.1	20
267	Macromol. Chem. Phys. 1/2010. Macromolecular Chemistry and Physics, 2010, 211, .	1.1	0
268	New hyperbranched polyaryleneethynylene containing azobenzenechromophore moieties in the main chain: facile synthesis, large optical nonlinearity and high thermal stability. Polymer Chemistry, 2010, 1, 78-81.	1.9	37
269	DDTC-Na-based colorimetric chemosensor for the sensing of cyanide in water. Science in China Series B: Chemistry, 2009, 52, 802-808.	0.8	14
270	New indoleâ€containing luminophores: convenient synthesis and aggregationâ€induced emission enhancement. Journal of Physical Organic Chemistry, 2009, 22, 241-246.	0.9	27

#	Article	IF	Citations
271	New PVKâ€based nonlinear optical polymers: Enhanced nonlinearity and improved transparency. Journal of Polymer Science Part A, 2008, 46, 2983-2993.	2.5	57
272	New chemosensory materials based on disubstituted polyacetylene with strong green fluorescence. Journal of Polymer Science Part A, 2008, 46, 8070-8080.	2.5	25
273	New Azo Chromophoreâ€Containing Conjugated Polymers: Facile Synthesis by Using â€œClickâ€•Chemistry and Enhanced Nonlinear Optical Properties Through the Introduction of Suitable Isolation Groups. Macromolecular Rapid Communications, 2008, 29, 136-141.	2.0	61
274	Polyurethanes Containing Indoleâ€Based Nonâ€Linear Optical Chromophores: from Linear Chromophore to Hâ€Type. Macromolecular Rapid Communications, 2008, 29, 798-803.	2.0	31
275	Synthesis and Properties of Two Secondâ€Order Nonlinear Optical Polymers: an Attempt toward the Balance between Nonlinearity and Transparence against Intrinsic Tradeâ€off. Chinese Journal of Chemistry, 2008, 26, 328-332.	2.6	1
276	Synthesis and nonlinear optical properties of polyphosphazenes with binaphtholyl and indole side groups. Journal of Applied Polymer Science, 2007, 104, 365-371.	1.3	8
277	A New Approach to C60-Contanining Polyphosphazenes by Polymerization of Phosphonitrile Chloride Trimer in the Presence of C60. Chinese Journal of Chemistry, 2007, 25, 406-410.	2.6	2
278	Synthesis and characterization of a new disubstituted polyacetylene containing indolylazo moieties in side chains. Journal of Polymer Science Part A, 2006, 44, 5672-5681.	2.5	34
279	Synthesis and second-order nonlinear optical properties of multifunctional polysiloxanes with sulfonyl-based chromophores. Journal of Polymer Science Part A, 2005, 43, 1317-1324.	2.5	15
280	A Convenient Synthetic Route to 2,5â€Dialkoxyterephthalaldehyde. Synthetic Communications, 2005, 35, 49-53.	1.1	13
281	Synthesis and properties of new two-photon absorption chromophores containing 3,5-dicyano-2,4,6-tristyrylpyridine as the core. New Journal of Chemistry, 2005, 29, 792.	1.4	21
282	Synthesis of C60-containing polyphosphazenes from a new reactive macromolecular intermediate: Polyphophazene azides. Journal of Polymer Science Part A, 2004, 42, 194-199.	2.5	15
283	New approaches for the synthesis of hindered C60-containing polyphosphazenes via functionalized intermediates. Journal of Polymer Science Part A, 2004, 42, 2877-2885.	2.5	13
284	New postfunctional method to synthesize C60-containing poly(ethylene oxide). Journal of Applied Polymer Science, 2004, 92, 867-870.	1.3	5
285	Synthesis and structural characterization of a new polysiloxane with second-order nonlinear optical effect. Journal of Applied Polymer Science, 2004, 94, 769-774.	1.3	17
286	A new postfunctional method to synthesize C60-containing polysiloxanes. Journal of Applied Polymer Science, 2003, 89, 2068-2071.	1.3	8
287	Postfunctionalization strategy for developing polyphosphazene with a high loading of highly polar molecules in the side arms. Journal of Applied Polymer Science, 2003, 89, 2989-2993.	1.3	7
288	A new synthetic strategy to prepare a polyphosphazene with chargeâ€transporting agents and nonlinear optical chromophores as side chains. Chinese Journal of Chemistry, 2003, 21, 1395-1399.	2.6	5

#	Article	IF	Citations
289	Synthesis and luminescence of polyphosphazenes with carbazolyl side chains. Journal of Polymer Science Part A, 2001, 39, 3428-3433.	2.5	15
290	Novel polyphosphazenes containing charge-transporting agent and chromophore as pendant groups. Polymer Bulletin, 2000, 45, 105-111.	1.7	18
291	Synthesis, Characterization, and Fluorescence of Copolymers ofN-Alkylcarbazole andtrans-Stilbene Obtained by an Oxidative-Coupling Reaction. Macromolecules, 2000, 33, 5455-5459.	2.2	5
292	Aggregation-Induced Emission Materials: the Art of Conjugation and Rotation. , 0, , 127-153.		1
293	POSS containing hyperbranched polymers as precursors for magnetic Co@C-SiOx ceramic nanocomposites with good sinter-resistant properties and high ceramic yield. Journal of Materials Chemistry C, 0, , .	2.7	0