

Guanxin Zhang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

128
papers

6,494
citations

40
h-index

79
g-index

133
ext. papers

7,299
ext. citations

9.2
avg, IF

5.93
L-index

#	Paper	IF	Citations
128	A Dual Functional Diketopyrrolopyrrole-Based Conjugated Polymer as Single Component Semiconducting Photoresist by Appending Azide Groups in the Side Chains.. <i>Advanced Science</i> , 2022 , e2106087	13.6	0
127	Tetrathiafulvalenes as anchors for building highly conductive and mechanically tunable molecular junctions.. <i>Nature Communications</i> , 2022 , 13, 1803	17.4	2
126	Dual Modulation of Single Molecule Conductance via Tuning Side Chains and Electric Field with Conjugated Molecules Entailing Intramolecular OB Interactions.. <i>Advanced Science</i> , 2022 , e2105667	13.6	1
125	Single-Molecule Charge-Transport Modulation Induced by Steric Effects of Side Alkyl Chains. <i>ChemPhysChem</i> , 2021 , 22, 2573	3.2	4
124	New Synthetic Approaches to N-Aryl and EExpanded Diketopyrrolopyrroles as New Building Blocks for Organic Optoelectronic Materials. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 10700-10708	16.4	10
123	New Synthetic Approaches to N-Aryl and EExpanded Diketopyrrolopyrroles as New Building Blocks for Organic Optoelectronic Materials. <i>Angewandte Chemie</i> , 2021 , 133, 10795-10803	3.6	0
122	A Systematic Strategy of Combinational Blow for Overcoming Cascade Drug Resistance via NIR-Light-Triggered Hyperthermia. <i>Advanced Materials</i> , 2021 , 33, e2100599	24	27
121	Innentitelbild: New Synthetic Approaches to N-Aryl and EExpanded Diketopyrrolopyrroles as New Building Blocks for Organic Optoelectronic Materials (Angew. Chem. 19/2021). <i>Angewandte Chemie</i> , 2021 , 133, 10526-10526	3.6	
120	Keep glowing and going: recent progress in diketopyrrolopyrrole synthesis towards organic optoelectronic materials. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 4560-4581	5.2	7
119	An Efficient Diazirine-Based Four-Armed Cross-linker for Photo-patterning of Polymeric Semiconductors. <i>Angewandte Chemie</i> , 2021 , 133, 21691-21698	3.6	0
118	An Efficient Diazirine-Based Four-Armed Cross-linker for Photo-patterning of Polymeric Semiconductors. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 21521-21528	16.4	6
117	Incorporation of hydrogen-bonding units into polymeric semiconductors toward boosting charge mobility, intrinsic stretchability, and self-healing ability. <i>SmartMat</i> , 2021 , 2, 347-366	22.8	13
116	Photosensitizer with High Efficiency Generated in Cells via Light-Induced Self-Oligomerization of 4,6-Dibromothiemo[3,4-b]thiophene Compound Entailing a Triphenyl Phosphonium Group. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2100896	10.1	0
115	Simultaneous Incorporation of Two Types of Azo-Groups in the Side Chains of a Conjugated D-A Polymer for Logic Control of the Semiconducting Performance by Light Irradiation. <i>Advanced Materials</i> , 2021 , 33, e2005613	24	9
114	White Emissions Containing Room Temperature Phosphorescence from Different Excited States of a D-FA Molecule Depending on the Aggregate States.. <i>Advanced Science</i> , 2021 , e2104539	13.6	3
113	Selenophene-Flanked Diketopyrrolopyrrole Based Conjugated Polymers for Ambipolar Field-Effect Transistors. <i>Chinese Journal of Chemistry</i> , 2020 , 38, 1075-1080	4.9	5
112	A Conjugated Polymer Containing Arylazopyrazole Units in the Side Chains for Field-Effect Transistors Optically Tunable by Near Infra-Red Light. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 13844-13851	16.4	6

111	A Conjugated Polymer Containing Arylazopyrazole Units in the Side Chains for Field-Effect Transistors Optically Tunable by Near Infra-Red Light. <i>Angewandte Chemie</i> , 2020 , 132, 13948-13955	3.6	3
110	Half-Fused Diketopyrrolopyrrole-Based Conjugated Donor-Acceptor Polymer for Ambipolar Field-Effect Transistors. <i>Advanced Functional Materials</i> , 2020 , 30, 1910235	15.6	18
109	New fused conjugated molecules with fused thiophene and pyran units for organic electronic materials.. <i>RSC Advances</i> , 2020 , 10, 12378-12383	3.7	4
108	Pyridinium-Substituted Tetraphenylethylenes Functionalized with Alkyl Chains as Autophagy Modulators for Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 10042-10051	16.4	27
107	Multi-Stimuli-Responsive Field-Effect Transistor with Conjugated Polymer Entailing Spiropyran in the Side Chains. <i>CCS Chemistry</i> , 2020 , 2, 632-641	7.2	5
106	Multi-Stimuli-Responsive Field-Effect Transistor with Conjugated Polymer Entailing Spiropyran in the Side Chains. <i>CCS Chemistry</i> , 2020 , 2, 632-641	7.2	2
105	Efficient Construction of Near-Infrared Absorption Donor-Acceptor Copolymers with and without Pt(II)-Incorporation toward Broadband Nonlinear Optical Materials. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 2944-2951	9.5	13
104	Dicyclohepta[ijkl,uvw]rubicene with Two Pentagons and Two Heptagons as a Stable and Planar Non-benzenoid Nanographene. <i>Angewandte Chemie</i> , 2020 , 132, 3557-3561	3.6	14
103	Dicyclohepta[ijkl,uvw]rubicene with Two Pentagons and Two Heptagons as a Stable and Planar Non-benzenoid Nanographene. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 3529-3533	16.4	31
102	Unconventional Transformation of the Two Carbonyl Groups in 4,4',5,5'-Tetrachloro-10,10'-[9,9'-bianthracenylidene]-10,10'-dione into Diallenes. <i>Organic Letters</i> , 2020 , 22, 8629-8633	6.2	1
101	Diketopyrrolopyrrole based donor-acceptor conjugated copolymers with near-infrared absorption for 532 and 1064 nm nonlinear optical materials. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 12993-13000	7.1	10
100	Aggregation-Induced Emission Luminogens for Mitochondria-Targeted Cancer Therapy. <i>ChemMedChem</i> , 2020 , 15, 2220-2227	3.7	7
99	Optically Tunable Field Effect Transistors with Conjugated Polymer Entailing Azobenzene Groups in the Side Chains. <i>Advanced Functional Materials</i> , 2019 , 29, 1807176	15.6	34
98	Conjugated Semiconducting Polymer with Thymine Groups in the Side Chains: Charge Mobility Enhancement and Application for Selective Field-Effect Transistor Sensors toward CO and H ₂ S. <i>Chemistry of Materials</i> , 2019 , 31, 1800-1807	9.6	41
97	Improving the Electronic Transporting Property for Flexible Field-Effect Transistors with Naphthalene Diimide-Based Conjugated Polymer through Branching/Linear Side-Chain Engineering Strategy. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 15837-15844	9.5	25
96	A highly selective and light-up red emissive fluorescent probe for imaging of penicillin G amidase in <i>Bacillus cereus</i> . <i>New Journal of Chemistry</i> , 2019 , 43, 6429-6434	3.6	1
95	Field-Effect Transistors: Photo-/Thermal-Responsive Field-Effect Transistor upon Blending Polymeric Semiconductor with Hexaarylbiimidazole toward Photonically Programmable and Thermally Erasable Memory Device (Adv. Mater. 44/2019). <i>Advanced Materials</i> , 2019 , 31, 1970315	24	2
94	Photo-/Thermal-Responsive Field-Effect Transistor upon Blending Polymeric Semiconductor with Hexaarylbiimidazole toward Photonically Programmable and Thermally Erasable Memory Device. <i>Advanced Materials</i> , 2019 , 31, e1902576	24	21

93	The Effects of Side Chains on the Charge Mobilities and Functionalities of Semiconducting Conjugated Polymers beyond Solubilities. <i>Advanced Materials</i> , 2019 , 31, e1903104	24	92
92	An A-D-A'-D-A Conjugated Molecule Entailing Diazapentalene Unit for an n-Type Organic Semiconductor. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 1712-1716	4.5	1
91	Charge Mobility Enhancement for Conjugated DPP-Selenophene Polymer by Simply Replacing One Bulky Branching Alkyl Chain with Linear One at Each DPP Unit. <i>Chemistry of Materials</i> , 2018 , 30, 3090-3100	8.6	80
90	Highly Sensitive Field-Effect Ammonia/Amine Sensors with Low Driving Voltage Based on Low Bandgap Polymers. <i>Advanced Electronic Materials</i> , 2018 , 4, 1800025	6.4	13
89	Kinetics of Polymer Desorption from Colloids Probed by Aggregation-Induced Emission Fluorophore. <i>Langmuir</i> , 2018 , 34, 7006-7010	4	2
88	Improving Ambipolar Semiconducting Properties of Thiazole-Flanked Diketopyrrolopyrrole-Based Terpolymers by Incorporating Urea Groups in the Side-Chains. <i>Macromolecules</i> , 2018 , 51, 6003-6010	5.5	22
87	Aggregation-Induced Emission Nanoparticles Encapsulated with PEGylated Nano Graphene Oxide and Their Applications in Two-Photon Fluorescence Bioimaging and Photodynamic Therapy in Vitro and in Vivo. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 25037-25046	9.5	46
86	Bioinspired Peptide for Imaging Hg Distribution in Living Cells and Zebrafish Based on Coordination-Mediated Supramolecular Assembling. <i>Analytical Chemistry</i> , 2018 , 90, 9708-9715	7.8	22
85	Targeted and imaging-guided in vivo photodynamic therapy for tumors using dual-function, aggregation-induced emission nanoparticles. <i>Nano Research</i> , 2018 , 11, 2756-2770	10	22
84	Zincke's Salt-Substituted Tetraphenylethylenes for Fluorometric Turn-On Detection of Glutathione and Fluorescence Imaging of Cancer Cells. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 12141-12149	9.5	43
83	A Facile Approach to Improve Interchain Packing Order and Charge Mobilities by Self-Assembly of Conjugated Polymers on Water. <i>Advanced Science</i> , 2018 , 5, 1801497	13.6	22
82	Modification of Side Chains of Conjugated Molecules and Polymers for Charge Mobility Enhancement and Sensing Functionality. <i>Accounts of Chemical Research</i> , 2018 , 51, 1422-1432	24.3	92
81	Tuning the Photoinduced Electron Transfer in a Zr-MOF: Toward Solid-State Fluorescent Molecular Switch and Turn-On Sensor. <i>Advanced Materials</i> , 2018 , 30, e1802329	24	81
80	Stereoelectronic Effect-Induced Conductance Switching in Aromatic Chain Single-Molecule Junctions. <i>Nano Letters</i> , 2017 , 17, 856-861	11.5	55
79	A New Benzodithiophene-Based Cruciform Electron-Donor/Electron-Acceptor Molecule with Ambipolar/Photoresponsive Semiconducting and Red-Light-Emissive Properties. <i>Asian Journal of Organic Chemistry</i> , 2017 , 6, 1277-1284	3	4
78	1,6- and 2,7-trans-Ethyl Substituted Pyrenes Exhibiting Both Emissive and Semiconducting Properties in the Solid State. <i>Chemistry of Materials</i> , 2017 , 29, 3580-3588	9.6	47
77	Pyridinium-Substituted Tetraphenylethylene Entailing Alkyne Moiety: Enhancement of Photosensitizing Efficiency and Antimicrobial Activity. <i>Chemistry - an Asian Journal</i> , 2017 , 12, 1013-1019	4.5	27
76	Charge mobility enhancement for diketopyrrolopyrrole-based conjugated polymers by partial replacement of branching alkyl chains with linear ones. <i>Materials Chemistry Frontiers</i> , 2017 , 1, 2547-2553	7.8	33

75	Protonation tuning of quantum interference in azulene-type single-molecule junctions. <i>Chemical Science</i> , 2017 , 8, 7505-7509	9.4	43
74	Aggregation-induced emission nanoparticles as photosensitizer for two-photon photodynamic therapy. <i>Materials Chemistry Frontiers</i> , 2017 , 1, 1746-1753	7.8	67
73	AIE-doped poly(ionic liquid) photonic spheres: a single sphere-based customizable sensing platform for the discrimination of multi-analytes. <i>Chemical Science</i> , 2017 , 8, 6281-6289	9.4	44
72	Highly Sensitive Thin-Film Field-Effect Transistor Sensor for Ammonia with the DPP-Bithiophene Conjugated Polymer Entailing Thermally Cleavable tert-Butoxy Groups in the Side Chains. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 3635-43	9.5	91
71	A New Tetraphenylethylene-Derived Fluorescent Probe for Nitroreductase Detection and Hypoxic-Tumor-Cell Imaging. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 2918-2923	4.5	38
70	Remarkable enhancement of charge carrier mobility of conjugated polymer field-effect transistors upon incorporating an ionic additive. <i>Science Advances</i> , 2016 , 2, e1600076	14.3	115
69	The adjustment of bandgap and coplanarity of diketopyrrolopyrrole-based copolymers through fine-tuning of the conjugated backbones and applications in thin film field effect transistors. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 9359-9365	7.1	11
68	Fluorogenic Enhancement of an in Vitro-Selected Peptide Ligand by Replacement of a Fluorescent Group. <i>Analytical Chemistry</i> , 2016 , 88, 7991-7	7.8	12
67	Tuning the Solid State Emission of the Carbazole and Cyano-Substituted Tetraphenylethylene by Co-Crystallization with Solvents. <i>Small</i> , 2016 , 12, 6554-6561	11	49
66	Self-Assembled Nanostructures Based on Activatable Red Fluorescent Dye for Site-Specific Protein Probing and Conformational Transition Detection. <i>Analytical Chemistry</i> , 2016 , 88, 6374-81	7.8	34
65	An AIE based tetraphenylethylene derivative for highly selective and light-up sensing of fluoride ions in aqueous solution and in living cells. <i>RSC Advances</i> , 2016 , 6, 59400-59404	3.7	21
64	Ultrasensitive detection of aliphatic nitro-organics based on Turn-on Fluorescent sensor array. <i>Science China Chemistry</i> , 2016 , 59, 89-94	7.9	9
63	New Conjugated polymers as acceptors designed for all polymer solar cells based on imide/amide-derivatives. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 185-192	7.1	33
62	Significant Improvement of Semiconducting Performance of the Diketopyrrolopyrrole-Quaterthiophene Conjugated Polymer through Side-Chain Engineering via Hydrogen-Bonding. <i>Journal of the American Chemical Society</i> , 2016 , 138, 173-85	16.4	211
61	Characterizing the Adsorption of Poly(vinyl alcohol) on Colloidal Silica with Aggregation-Induced Emission Fluorophore. <i>Langmuir</i> , 2016 , 32, 2145-50	4	6
60	Crystalline Solids: Tuning the Solid State Emission of the Carbazole and Cyano-Substituted Tetraphenylethylene by Co-Crystallization with Solvents (Small 47/2016). <i>Small</i> , 2016 , 12, 6553-6553	11	1
59	Fluorescent turn-on sensing of bacterial lipopolysaccharide in artificial urine sample with sensitivity down to nanomolar by tetraphenylethylene based aggregation induced emission molecule. <i>Biosensors and Bioelectronics</i> , 2016 , 85, 62-67	11.8	58
58	Conjugated donor-acceptor terpolymers entailing the Pechmann dye and dithienyl-diketopyrrolopyrrole as co-electron acceptors: tuning HOMO/LUMO energies and photovoltaic performances. <i>Polymer Chemistry</i> , 2016 , 7, 3838-3847	4.9	14

57	Conjugated terpolymers synthesized by incorporating anthracene units into the backbones of the diketopyrrolopyrrole-based polymers as electron donors for photovoltaic cells. <i>Polymer Chemistry</i> , 2016 , 7, 6798-6804	4.9	5
56	Emissive nanoparticles from pyridinium-substituted tetraphenylethylene salts: imaging and selective cytotoxicity towards cancer cells and by varying counter anions. <i>Chemical Science</i> , 2016 , 7, 7013-7019 ⁵⁶	9.4	308
55	New conjugated molecules with four DPP (diketopyrrolopyrrole) moieties linked by [2,2]paracyclophane as electron acceptors for organic photovoltaic cells. <i>New Journal of Chemistry</i> , 2015 , 39, 6421-6427	3.6	7
54	Tuning the singlet-triplet energy gap: a unique approach to efficient photosensitizers with aggregation-induced emission (AIE) characteristics. <i>Chemical Science</i> , 2015 , 6, 5824-5830	9.4	308
53	Highly solid-state emissive pyridinium-substituted tetraphenylethylene salts: emission color-tuning with counter anions and application for optical waveguides. <i>Small</i> , 2015 , 11, 1335-44	11	65
52	Three-State Single-Molecule Naphthalenediimide Switch: Integration of a Pendant Redox Unit for Conductance Tuning. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 13586-9	16.4	39
51	Fluorescence turn-on chemosensor for highly selective and sensitive detection and bioimaging of Al(3+) in living cells based on ion-induced aggregation. <i>Analytical Chemistry</i> , 2015 , 87, 1470-4	7.8	162
50	Manipulation of the aggregation and deaggregation of tetraphenylethylene and silole fluorophores by amphiphiles: emission modulation and sensing applications. <i>Langmuir</i> , 2015 , 31, 4593-604	4	81
49	A Cruciform Electron Donor-Acceptor Semiconductor with Solid-State Red Emission: 1D/2D Optical Waveguides and Highly Sensitive/Selective Detection of H ₂ S Gas. <i>Advanced Functional Materials</i> , 2014 , 24, 4250-4258	15.6	77
48	New organic semiconductors with imide/amide-containing molecular systems. <i>Advanced Materials</i> , 2014 , 26, 6965-77	24	164
47	Extended conjugated donor-acceptor molecules with E-(1,2-difluorovinyl) and diketopyrrolopyrrole (DPP) moieties toward high-performance ambipolar organic semiconductors. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 1068-75	4.5	26
46	Alternating Conjugated Electron Donor-Acceptor Polymers Entailing Pechmann Dye Framework as the Electron Acceptor Moieties for High Performance Organic Semiconductors with Tunable Characteristics. <i>Macromolecules</i> , 2014 , 47, 2899-2906	5.5	53
45	Conjugated electron donor-acceptor molecules with (E)-[4,4'-biimidazolylidene]-5,5'-(1H,1'H)-dione for new organic semiconductors. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 1149-1157	7.1	7
44	Donor-Acceptor Molecules: A Cruciform Electron Donor-Acceptor Semiconductor with Solid-State Red Emission: 1D/2D Optical Waveguides and Highly Sensitive/Selective Detection of H ₂ S Gas (Adv. Funct. Mater. 27/2014). <i>Advanced Functional Materials</i> , 2014 , 24, 4376-4376	15.6	1
43	New dithienyl-diketopyrrolopyrrole-based conjugated molecules entailing electron withdrawing moieties for organic ambipolar semiconductors and photovoltaic materials. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 10101-10109	7.1	25
42	Ambipolar charge-transport property for the D _A complex with naphthalene diimide motif. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 2869-2876	7.1	29
41	Arylacetylene-substituted naphthalene diimides with dual functions: optical waveguides and n-type semiconductors. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 3207-14	4.5	26
40	Extended Conjugated Polymers Entailing Pechmann Dye Moieties for Solution-Processed Ambipolar Organic Semiconductors. <i>Chinese Journal of Chemistry</i> , 2014 , 32, 788-796	4.9	13

39	Targeted bioimaging and photodynamic therapy of cancer cells with an activatable red fluorescent bioprobe. <i>Analytical Chemistry</i> , 2014 , 86, 7987-95	7.8	236
38	Identification of Bacteria in Water by a Fluorescent Array. <i>Angewandte Chemie</i> , 2014 , 126, 13954-13959	3.6	31
37	Tuning the solid-state emission of the analogous GFP chromophore by varying alkyl chains in the imidazolinone ring. <i>Science China Chemistry</i> , 2013 , 56, 1197-1203	7.9	18
36	New core-expanded naphthalene diimides with different functional groups for air-stable solution-processed organic n-type semiconductors. <i>New Journal of Chemistry</i> , 2013 , 37, 1720	3.6	18
35	Solution-processed core-extended naphthalene diimides toward organic n-type and ambipolar semiconductors. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 2688	7.1	28
34	Dithiazole-fused naphthalene diimides toward new n-type semiconductors. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 1087-1092	7.1	43
33	New Donor-Acceptor Donor Molecules with Pechmann Dye as the Core Moiety for Solution-Processed Good-Performance Organic Field-Effect Transistors. <i>Chemistry of Materials</i> , 2013 , 25, 471-478	9.6	76
32	New alternating electron donor-acceptor conjugated polymers entailing (E)-[4,4'-biimidazolylidene]-5,5'-(1H,1'H)-dione moieties. <i>Polymer Chemistry</i> , 2013 , 4, 5283	4.9	19
31	New Chemo-/Biosensors with Silole and Tetraphenylethene Molecules Based on the Aggregation and Deaggregation Mechanism 2013 , 165-188		1
30	Highly Sensitive Chemical-Vapor Sensor Based on Thin-Film Organic Field-Effect Transistors with Benzothiadiazole-Fused-Tetrathiafulvalene. <i>Advanced Functional Materials</i> , 2013 , 23, 1671-1676	15.6	44
29	Thiepin-fused heteroacenes: simple synthesis, unusual structure, and semiconductors with less anisotropic behavior. <i>Chemistry - A European Journal</i> , 2013 , 19, 14573-80	4.8	11
28	Inclusion of Tetrachloroquinone and Metal Ions in a Macrotricyclic Molecule with a Tetrathiafulvalene Moiety Prompts Intermolecular Electron Transfer. <i>Asian Journal of Organic Chemistry</i> , 2012 , 1, 166-172	3	5
27	Modification of the Green Fluorescent Protein Chromophore with Large Aromatic Moieties: Photophysical Study and Solid-State Emission. <i>Asian Journal of Organic Chemistry</i> , 2012 , 1, 352-358	3	18
26	Stimuli responsive gels based on low molecular weight gelators. <i>Journal of Materials Chemistry</i> , 2012 , 22, 38-50		221
25	New tetrathiafulvalene fused-naphthalene diimides for solution-processible and air-stable p-type and ambipolar organic semiconductors. <i>Chemical Science</i> , 2012 , 3, 2530	9.4	60
24	A new approach to reduced graphite oxide with tetrathiafulvalene in the presence of metal ions. <i>Journal of Materials Chemistry</i> , 2012 , 22, 4391		16
23	A new gelator based on tetraphenylethylene and diphenylalanine: Gel formation and reversible fluorescence tuning. <i>Science Bulletin</i> , 2012 , 57, 4284-4288		12
22	Polymorphism-Dependent Emission for Di(p-methoxyphenyl)dibenzofulvene and Analogues: Optical Waveguide/Amplified Spontaneous Emission Behaviors. <i>Advanced Functional Materials</i> , 2012 , 22, 4862-4872	15.6	203

21	Responsive Gels with the Polymer Containing Alternating Naphthalene Diimide and Fluorinated Alkyl Chains: Gel Formation and Responsiveness as Well as Electrical Conductivity of Polymer Thin Films. <i>Chinese Journal of Chemistry</i> , 2012 , 30, 1453-1458	4.9	6
20	2-(4-Pyridyl)imino nitroxide-tetraphenylporphyrin zinc(II): A chemosensing ensemble for nicotine. <i>Science Bulletin</i> , 2012 , 57, 1609-1611		4
19	Self-assembly of a new C60 compound with a L-glutamid-derived lipid unit: formation of organogels and hierarchically structured spherical particles. <i>Soft Matter</i> , 2011 , 7, 3592	3.6	26
18	Tetrathiafulvalene (TTF)-based gelators: Stimuli responsive gels and conducting nanostructures. <i>Science China Chemistry</i> , 2011 , 54, 596-602	7.9	17
17	Colorimetric detection of glucose and an assay for acetylcholinesterase with amine-terminated polydiacetylene vesicles. <i>Science Bulletin</i> , 2011 , 56, 1877-1883		15
16	New air-stable solution-processed organic n-type semiconductors based on sulfur-rich core-expanded naphthalene diimides. <i>Journal of Materials Chemistry</i> , 2011 , 21, 18042		38
15	A facile and convenient fluorescence detection of gamma-ray radiation based on the aggregation-induced emission. <i>Journal of Materials Chemistry</i> , 2011 , 21, 14487		47
14	Multistimuli responsive organogels based on a new gelator featuring tetrathiafulvalene and azobenzene groups: reversible tuning of the gel-sol transition by redox reactions and light irradiation. <i>Journal of the American Chemical Society</i> , 2010 , 132, 3092-6	16.4	248
13	Fluorescent bio/chemosensors based on silole and tetraphenylethene luminogens with aggregation-induced emission feature. <i>Journal of Materials Chemistry</i> , 2010 , 20, 1858		75 ¹
12	Cholesterol-substituted Tetrathiafulvalene (TTF) Compound: Formation of Organogel and Supramolecular Chirality. <i>Chinese Journal of Chemistry</i> , 2010 , 28, 622-626	4.9	16
11	A 2,2'-Bipyridyl-Bridged Tetrathiafulvalene-quinone Dyad: Intramolecular Electron-Transfer Promoted by Metal Ions. <i>Chinese Journal of Chemistry</i> , 2010 , 28, 1743-1750	4.9	3
10	Multicolor Tunable Emission from Organogels Containing Tetraphenylethene, Perylene diimide, and Spiropyran Derivatives. <i>Advanced Functional Materials</i> , 2010 , 20, 3244-3251	15.6	118
9	Electroactive Molecules and Supramolecules for Information Processing and Storage 2010 , 447-476		1
8	Tetrathiafulvalene (TTF) derivatives: key building-blocks for switchable processes. <i>Chemical Communications</i> , 2009 , 2245-69	5.8	466
7	Assembly of a tetrathiafulvalene-anthracene dyad on the surfaces of gold nanoparticles: tuning the excited-state properties of the anthracene unit in the dyad. <i>Chemistry - A European Journal</i> , 2006 , 12, 1067-73	4.8	18
6	A new tetrathiafulvalene-anthracene dyad fusion with the crown ether group: fluorescence modulation with Na ⁺ and C60, mimicking the performance of an "AND" logic gate. <i>Journal of Organic Chemistry</i> , 2006 , 71, 3970-2	4.2	36
5	1,3-Dithiole-2-thione derivatives featuring an anthracene unit: new selective chemodosimeters for Hg(II) ion. <i>Chemical Communications</i> , 2005 , 2161-3	5.8	187
4	A new redox-fluorescence switch based on a triad with tetrathiafulvalene and anthracene units. <i>Organic Letters</i> , 2004 , 6, 1209-12	6.2	135

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| 3 | 4,5-dimethylthio-4'-[2-(9-anthryloxy)ethylthio]tetrathiafulvalene, a highly selective and sensitive chemiluminescence probe for singlet oxygen. <i>Journal of the American Chemical Society</i> , 2004 , 126, 11543-8 | 16.4 | 211 |
| 2 | A selective and sensitive chemiluminescence reaction of 4,4'(5')-bis[2-(9-anthryloxy)ethylthio]tetrathiafulvalene with singlet oxygen. <i>Chemical Communications</i> , 2004 , 2072-3 | 5.8 | 33 |
| 1 | Enhancing the healing ability and charge transport thermal stability of a diketopyrrolopyrrole based conjugated polymer by incorporating coumarin groups in the side chains. <i>Journal of Polymer Science</i> , | 2.4 | 1 |