

De-Qing Zhang

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235
papers

9,691
citations

47
h-index

90
g-index

387
ext. papers

10,873
ext. citations

7.6
avg, IF

6.38
L-index

#	Paper	IF	Citations
235	Fluorescent bio/chemosensors based on silole and tetraphenylethene luminogens with aggregation-induced emission feature. <i>Journal of Materials Chemistry</i> , 2010 , 20, 1858		751
234	Tetrathiafulvalene (TTF) derivatives: key building-blocks for switchable processes. <i>Chemical Communications</i> , 2009 , 2245-69	5.8	466
233	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
232	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
231	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
230	A low-molecular-mass gelator with an electroactive tetrathiafulvalene group: tuning the gel formation by charge-transfer interaction and oxidation. <i>Journal of the American Chemical Society</i> , 2005 , 127, 16372-3	16.4	236
229	Convenient and continuous fluorometric assay method for acetylcholinesterase and inhibitor screening based on the aggregation-induced emission. <i>Analytical Chemistry</i> , 2009 , 81, 4444-9	7.8	231
228	Stimuli responsive gels based on low molecular weight gelators. <i>Journal of Materials Chemistry</i> , 2012 , 22, 38-50		221
227	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
226	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
225	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
224	The convenient fluorescence turn-on detection of heparin with a silole derivative featuring an ammonium group. <i>Chemical Communications</i> , 2008 , 4469-71	5.8	197
223	A highly selective fluorescence turn-on detection of cyanide based on the aggregation of tetraphenylethylene molecules induced by chemical reaction. <i>Chemical Communications</i> , 2012 , 48, 12195-7	5.8	188
222	New organic semiconductors with imide/amide-containing molecular systems. <i>Advanced Materials</i> , 2014 , 26, 6965-77	24	164
221	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
220	Nanoscale homochiral C(3)-symmetric mixed-valence manganese cluster complexes with both ferromagnetic and ferroelectric properties. <i>Journal of the American Chemical Society</i> , 2010 , 132, 4044-5	16.4	159
219	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

218	Organic Functional Molecules towards Information Processing and High-Density Information Storage. <i>Advanced Materials</i> , 2008 , 20, 2888-2898	24	130
217	Multicolor Tunable Emission from Organogels Containing Tetraphenylethene, Perylenediimide, and Spiropyran Derivatives. <i>Advanced Functional Materials</i> , 2010 , 20, 3244-3251	15.6	118
216	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
215	Field-induced single-ion magnets based on enantiopure chiral β -diketonate ligands. <i>Inorganic Chemistry</i> , 2013 , 52, 8933-40	5.1	110
214	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
213	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
212	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
211	Intramolecular electron transfer within the substituted tetrathiafulvalene-quinone dyads: facilitated by metal ion and photomodulation in the presence of spiropyran. <i>Journal of the American Chemical Society</i> , 2007 , 129, 6839-46	16.4	91
210	Tetraphenylethylene conjugated with a specific peptide as a fluorescence turn-on bioprobe for the highly specific detection and tracing of tumor markers in live cancer cells. <i>Chemistry - A European Journal</i> , 2014 , 20, 158-64	4.8	89
209	1-Imino nitroxide pyrene for high performance organic field-effect transistors with low operating voltage. <i>Journal of the American Chemical Society</i> , 2006 , 128, 13058-9	16.4	82
208	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	16.4	81
207	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
206	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
205	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
204	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
203	Selenium-Substituted Diketopyrrolopyrrole Polymer for High-Performance p-Type Organic Thermoelectric Materials. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 18994-18999	16.4	75
202	Aggregation-induced emission nanoparticles as photosensitizer for two-photon photodynamic therapy. <i>Materials Chemistry Frontiers</i> , 2017 , 1, 1746-1753	7.8	67
201	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

200	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
199	Dibenzothiophene-S,S-Dioxide-Based Conjugated Polymers: Highly Efficient Photocatalysts for Hydrogen Production from Water under Visible Light. <i>Small</i> , 2018 , 14, e1801839	11	57
198	Heptanuclear 3d-4f cluster complexes with a coaxial double-screw-propeller topology and diverse magnetic properties. <i>Dalton Transactions</i> , 2010 , 39, 11325-8	4.3	57
197	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	56
196	Stereoelectronic Effect-Induced Conductance Switching in Aromatic Chain Single-Molecule Junctions. <i>Nano Letters</i> , 2017 , 17, 856-861	11.5	55
195	A single-molecule magnet featuring a parallelogram [Dy ₄ (OCH ₂) ₄] core and two magnetic relaxation processes. <i>Dalton Transactions</i> , 2013 , 42, 14813-8	4.3	55
194	Direct single-molecule dynamic detection of chemical reactions. <i>Science Advances</i> , 2018 , 4, eaar2177	14.3	54
193	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
192	4-(N,N-Dimethylamine)benzotrile (DMABN) derivatives with boronic acid and boronate groups: new fluorescent sensors for saccharides and fluoride ion. <i>Journal of Materials Chemistry</i> , 2007 , 17, 1964		53
191	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
190	A 3D MOF constructed from dysprosium(III) oxalate and capping ligands: ferromagnetic coupling and field-induced two-step magnetic relaxation. <i>Chemical Communications</i> , 2016 , 52, 4804-7	5.8	49
189	Diketopyrrolopyrrole-Based Conjugated Polymer Entailing Triethylene Glycols as Side Chains with High Thin-Film Charge Mobility without Post-Treatments. <i>Advanced Science</i> , 2017 , 4, 1700048	13.6	47
188	1,6- and 2,7-trans-EStyryl Substituted Pyrenes Exhibiting Both Emissive and Semiconducting Properties in the Solid State. <i>Chemistry of Materials</i> , 2017 , 29, 3580-3588	9.6	47
187	Controllable self-assembly of di(p-methoxyphenyl)dibenzofulvene into three different emission forms. <i>Small</i> , 2012 , 8, 3406-11	11	47
186	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
185	A new fluorescence-switch based on supermolecular dyad with (tetraphenylporphyrinato)zinc(II) and tetrathiafulvalene units. <i>Journal of Materials Chemistry</i> , 2005 , 15, 2557		47
184	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
183	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

182	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
181	Dithiazole-fused naphthalene diimides toward new n-type semiconductors. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 1087-1092	7.1	43
180	Protonation tuning of quantum interference in azulene-type single-molecule junctions. <i>Chemical Science</i> , 2017 , 8, 7505-7509	9.4	43
179	A fluorescent turn-on low dose detection of gamma-radiation based on aggregation-induced emission. <i>Chemical Communications</i> , 2015 , 51, 3892-5	5.8	43
178	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
177	Old is new again: a chemical probe for targeting mitochondria and monitoring mitochondrial membrane potential in cells. <i>Analyst, The</i> , 2015 , 140, 5849-54	5	42
176	Extended π -conjugated molecules derived from naphthalene diimides toward organic emissive and semiconducting materials. <i>Journal of Organic Chemistry</i> , 2013 , 78, 2926-34	4.2	42
175	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
174	A new approach to 4-alkylthio-1,3-dithiole-2-thione: an unusual reaction of a zinc complex of 1,3-dithiole-2-thione-4,5-dithiolate. <i>Organic Letters</i> , 2001 , 3, 1941-4	6.2	41
173	Bio-/Chemosensors and Imaging with Aggregation-Induced Emission Luminogens. <i>Chemical Record</i> , 2016 , 16, 2142-60	6.6	39
172	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
171	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
170	Molecular Materials That Can Both Emit Light and Conduct Charges: Strategies and Perspectives. <i>Chemistry - A European Journal</i> , 2016 , 22, 462-71	4.8	38
169	Nestlike C ₄ -symmetric [Co ₂₄] metallamacrocycle sustained by p-tert-butylsulfonylcalix[4]arene and 1,2,4-triazole. <i>Chemistry - A European Journal</i> , 2011 , 17, 12285-8	4.8	38
168	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
167	Cyanide-bridged 1D Mn(III)Be(III) bimetallic complexes: synthesis, crystal structure and magnetic properties. <i>New Journal of Chemistry</i> , 2009 , 33, 2296	3.6	37
166	Novel redox-fluorescence switch based on a triad containing tetrathiafulvalene and pyrene units with tunable monomer and excimer emissions. <i>New Journal of Chemistry</i> , 2005 , 29, 1291	3.6	36
165	Trinuclear [CoIII 2 -LnIII] (Ln=Tb, Dy) single-ion magnets with mixed 6-chloro-2-hydroxypyridine and Schiff base ligands. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 1847-53	4.5	35

- 164 A highly selective fluorescence turn-on detection of ClO with 1-methyl-1,2-dihydropyridine-2-thione unit modified tetraphenylethylene. *Chemical Communications*, **2017**, 53, 11654-11657 5.8 34
- 163 Optically Tunable Field Effect Transistors with Conjugated Polymer Entailing Azobenzene Groups in the Side Chains. *Advanced Functional Materials*, **2019**, 29, 1807176 15.6 34
- 162 Self-Assembled Nanostructures Based on Activatable Red Fluorescent Dye for Site-Specific Protein Probing and Conformational Transition Detection. *Analytical Chemistry*, **2016**, 88, 6374-81 7.8 34
- 161 Highly Selective Fluorescence Detection for Mercury (II) Ions in Aqueous Solution Using Water Soluble Conjugated Polyelectrolytes. *Macromolecular Rapid Communications*, **2008**, 29, 1467-1471 4.8 34
- 160 New semiconductors based on triphenylamine with macrocyclic architecture: synthesis, properties and applications in OFETs. *Journal of Materials Chemistry*, **2007**, 17, 4483 34
- 159 New π -conjugated polymers as acceptors designed for all polymer solar cells based on imide/amide-derivatives. *Journal of Materials Chemistry C*, **2016**, 4, 185-192 7.1 33
- 158 Charge mobility enhancement for diketopyrrolopyrrole-based conjugated polymers by partial replacement of branching alkyl chains with linear ones. *Materials Chemistry Frontiers*, **2017**, 1, 2547-2553 7.8 33
- 157 Synthesis, Crystal Structure and Third-Order Nonlinear Optical Behavior of a Novel Dimeric Mixed-Ligand Zinc(II) Complex of 1,3-Dithiole-2-thione-4,5-dithiolate. *European Journal of Inorganic Chemistry*, **2002**, 2002, 1591-1594 2.3 32
- 156 A homochiral Zn-Dy heterometallic left-handed helical chain complex without chiral ligands: anion-induced assembly and multifunctional integration. *Chemical Communications*, **2018**, 54, 13379-13382 5.8 32
- 155 Identification of Bacteria in Water by a Fluorescent Array. *Angewandte Chemie*, **2014**, 126, 13954-13959 3.6 31
- 154 Z-scan investigation of fifth-order optical nonlinearity induced by saturable-absorption from (TBA)₂Ni(dmit)₂: application for optical limiting. *Journal of Materials Chemistry*, **2002**, 12, 2945-2948 31
- 153 Dicyclohepta[ijkl,uvw]rubicene with Two Pentagons and Two Heptagons as a Stable and Planar Non-benzenoid Nanographene. *Angewandte Chemie - International Edition*, **2020**, 59, 3529-3533 16.4 31
- 152 A Novel Mixed-Valence Cu^I/Cu^{II} Coordination Polymer: Solvothermal Synthesis, Crystal Structure, and Magnetic Properties of Cu^ICu^{II}(2-Pyrazinecarboxylate)₂(H₂O)(ClO₄). *European Journal of Inorganic Chemistry*, **2003**, 2003, 3618-3622 2.3 30
- 151 Conjugated Donor-Acceptor Polymers Entailing Pechmann Dye-Derived Acceptor with Siloxane-Terminated Side Chains Exhibiting Balanced Ambipolar Semiconducting Behavior. *Macromolecules*, **2016**, 49, 5857-5865 5.5 30
- 150 Light-Driven Reversible Intermolecular Proton Transfer at Single-Molecule Junctions. *Angewandte Chemie - International Edition*, **2019**, 58, 3829-3833 16.4 30
- 149 Conjugated Random Donor-Acceptor Copolymers of [1]Benzothieno[3,2-b]benzothiophene and Diketopyrrolopyrrole Units for High Performance Polymeric Semiconductor Applications. *Macromolecules*, **2016**, 49, 6334-6342 5.5 29
- 148 Ambipolar charge-transport property for the D_A complex with naphthalene diimide motif. *Journal of Materials Chemistry C*, **2014**, 2, 2869-2876 7.1 29
- 147 Solution-processed core-extended naphthalene diimides toward organic n-type and ambipolar semiconductors. *Journal of Materials Chemistry C*, **2013**, 1, 2688 7.1 28

146	Carboxylic acid-dependent assembly of neodymium-organic frameworks with attractive topologies and second-order nonlinear optical and/or magnetic properties. <i>CrystEngComm</i> , 2008 , 10, 1674	3.3	28
145	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
144	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
143	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
142	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
141	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
140	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
139	A Radical-Radical and Metal-Metal Coupling Tetrathiafulvalene Derivative in which Organic Radicals Directly Coordinate to Cull Ions. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 1629-1634	2.3	26
138	Luminescent photonic crystals with multi-functionality and tunability. <i>Chemical Science</i> , 2016 , 7, 5692-5698	9.8	26
137	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
136	Luminescence and slow magnetic relaxation of isostructural 2D lanthanide metal-organic frameworks derived from both nicotinate N-oxide and glutarate. <i>RSC Advances</i> , 2015 , 5, 92980-92987	3.7	25
135	Two-step warming solvothermal syntheses, luminescence and slow magnetic relaxation of isostructural dense LnMOFs based on nanoscale 3-connected linkers. <i>Inorganic Chemistry Frontiers</i> , 2016 , 3, 1076-1081	6.8	25
134	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
133	Multiple thermal magnetic relaxation in a two-dimensional ferromagnetic dysprosium(III) metal-organic framework. <i>RSC Advances</i> , 2015 , 5, 104854-104861	3.7	25
132	Diketopyrrolopyrrole-Based Semiconducting Polymer with Both Hydrophobic Alkyl and Hydrophilic Tetraethylene Glycol Chains for Monolayer Transistor and Sensing Application. <i>Advanced Electronic Materials</i> , 2017 , 3, 1700120	6.4	24
131	Electronic tuning effects via cyano substitution of a fused tetrathiafulvalene-benzothiadiazole dyad for ambipolar transport properties. <i>RSC Advances</i> , 2014 , 4, 2873-2878	3.7	23
130	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
129	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

128	Single-Molecule Magnet Behavior of 1D Coordination Polymers Based on DyZn(salen) Units and Pyridin- N-Oxide-4-Carboxylate: Structural Divergence and Magnetic Regulation. <i>Inorganic Chemistry</i> , 2018 , 57, 11077-11086	5.1	22
127	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
126	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
125	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
124	Calixarene-Supported Polynuclear Cobalt(II) Cluster Complexes Tuned by Substitution Groups of the Second Bridging Ligands. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 4210-4217	2.3	21
123	Novel silver(I) complexes derived from tetrakis(methylthio)tetrathiafulvalene and bis(ethylenedithio)tetrathiafulvalene with 3D and 1D structures. <i>New Journal of Chemistry</i> , 2002 , 26, 490-494	3.6	21
122	Slow magnetic relaxation of a three-dimensional metal-organic framework featuring a unique dysprosium(III) oxalate layer. <i>RSC Advances</i> , 2015 , 5, 63186-63192	3.7	20
121	Syntheses of new electron donors with hydroxymethyl groups and studies on their cation-radical salts. <i>Journal of Materials Chemistry</i> , 2000 , 10, 2063-2067		20
120	Structure-Independent Conductance of Thiophene-Based Single-Stacking Junctions. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 3280-3286	16.4	20
119	Electric field-catalyzed single-molecule Diels-Alder reaction dynamics. <i>Science Advances</i> , 2021 , 7,	14.3	20
118	Hexanuclear [Ni ₂ Ln ₄] clusters exhibiting enhanced magnetocaloric effect and slow magnetic relaxation. <i>RSC Advances</i> , 2014 , 4, 53870-53876	3.7	19
117	A Chinese Pane-Like 2D Metal-Organic Framework Showing Magnetic Relaxation and Luminescence Dual-Functions. <i>Scientific Reports</i> , 2017 , 7, 11156	4.9	19
116	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
115	A water-soluble derivative of tetrathiafulvalene exhibiting pH sensitive redox properties. <i>New Journal of Chemistry</i> , 2005 , 29, 509	3.6	19
114	Half-Fused Diketopyrrolopyrrole-Based Conjugated Donor-Acceptor Polymer for Ambipolar Field-Effect Transistors. <i>Advanced Functional Materials</i> , 2020 , 30, 1910235	15.6	18
113	Conjugated polymer with ternary electron-deficient units for ambipolar nanowire field-effect transistors. <i>Journal of Polymer Science Part A</i> , 2016 , 54, 34-38	2.5	18
112	A 2D -12D polyrotaxane lanthanide-organic framework showing field-induced single-molecule magnet behaviour. <i>RSC Advances</i> , 2014 , 4, 36053-36056	3.7	18
111	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

110	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
109	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
108	1D silver(I) complex of nitronyl nitroxide with strong spin-spin interaction through silver(I) ion. <i>Chemical Communications</i> , 2002 , 44-5	5.8	18
107	Conjugated D π A terpolymers for organic field-effect transistors and solar cells. <i>Polymer Journal</i> , 2018 , 50, 21-31	2.7	17
106	Semiconducting Nanocomposite with AI Egen-Triggered Enhanced Photoluminescence and Photodegradation for Dual-Modality Tumor Imaging and Therapy. <i>Advanced Functional Materials</i> , 2019 , 29, 1903733	15.6	17
105	Tetrathiafulvalene (TTF)-based gelators: Stimuli responsive gels and conducting nanostructures. <i>Science China Chemistry</i> , 2011 , 54, 596-602	7.9	17
104	Conducting Nanoparticle Chains Based on the DMIT Salt. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 13638-13642	3.4	17
103	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
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101	Colorimetric detection of glucose and an assay for acetylcholinesterase with amine-terminated polydiacetylene vesicles. <i>Science Bulletin</i> , 2011 , 56, 1877-1883		15
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