De-Qing Zhang

List of Publications by Year
in descending order

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379 papers	11,835 citations	28242 55 h-index	33869 99 g-index
387 all docs	387 docs citations	387 times ranked	11907 citing authors

#	Article	IF	Citations
1	Fluorescent bio/chemosensors based on silole and tetraphenylethene luminogens with aggregation-induced emission feature. Journal of Materials Chemistry, 2010, 20, 1858.	6.7	785
2	Tetrathiafulvalene (TTF) derivatives: key building-blocks for switchable processes. Chemical Communications, 2009, , 2245.	2.2	513
3	Tuning the singlet-triplet energy gap: a unique approach to efficient photosensitizers with aggregation-induced emission (AIE) characteristics. Chemical Science, 2015, 6, 5824-5830.	3.7	406
4	Multistimuli Responsive Organogels Based on a New Gelator Featuring Tetrathiafulvalene and Azobenzene Groups: Reversible Tuning of the Gelâ^'Sol Transition by Redox Reactions and Light Irradiation. Journal of the American Chemical Society, 2010, 132, 3092-3096.	6.6	265
5	Targeted Bioimaging and Photodynamic Therapy of Cancer Cells with an Activatable Red Fluorescent Bioprobe. Analytical Chemistry, 2014, 86, 7987-7995.	3.2	262
6	Significant Improvement of Semiconducting Performance of the Diketopyrrolopyrroleâ€“Quaterthiophene Conjugated Polymer through Side-Chain Engineering via Hydrogen-Bonding. Journal of the American Chemical Society, 2016, 138, 173-185.	6.6	262
7	A Low-Molecular-Mass Gelator with an Electroactive Tetrathiafulvalene Group:Â Tuning the Gel Formation by Charge-Transfer Interaction and Oxidation. Journal of the American Chemical Society, 2005, 127, 16372-16373.	6.6	251
8	Convenient and Continuous Fluorometric Assay Method for Acetylcholinesterase and Inhibitor Screening Based on the Aggregation-Induced Emission. Analytical Chemistry, 2009, 81, 4444-4449.	3.2	245
9	Stimuli responsive gels based on low molecular weight gelators. Journal of Materials Chemistry, 2012, 22, 38-50.	6.7	241
10	4,5-Dimethylthio-4â€˜-[2-(9-anthryloxy)ethylthio]tetrathiafulvalene, a Highly Selective and Sensitive Chemiluminescence Probe for Singlet Oxygen. Journal of the American Chemical Society, 2004, 126, 11543-11548.	6.6	233
11	Polymorphismâ€Dependent Emission for Di(pâ€methoxylphenyl)dibenzofulvene and Analogues: Optical Waveguide/Amplified Spontaneous Emission Behaviors. Advanced Functional Materials, 2012, 22, 4862-4872.	7.8	220
12	The convenient fluorescence turn-on detection of heparin with a silole derivative featuring an ammonium group. Chemical Communications, 2008, , 4469.	2.2	205
13	A highly selective fluorescence turn-on detection of cyanide based on the aggregation of tetraphenylethylene molecules induced by chemical reaction. Chemical Communications, 2012, 48, 12195.	2.2	202
14	Fluorescence Turn-On Chemosensor for Highly Selective and Sensitive Detection and Bioimaging of Al³⁺ in Living Cells Based on Ion-Induced Aggregation. Analytical Chemistry, 2015, 87, 1470-1474.	3.2	188
15	New Organic Semiconductors with Imide/Amideâ€Containing Molecular Systems. Advanced Materials, 2014, 26, 6965-6977.	11.1	183
16	Nanoscale Homochiral C₃-Symmetric Mixed-Valence Manganese Cluster Complexes with Both Ferromagnetic and Ferroelectric Properties. Journal of the American Chemical Society, 2010, 132, 4044-4045.	6.6	167
17	The Effects of Side Chains on the Charge Mobilities and Functionalities of Semiconducting Conjugated Polymers beyond Solubilities. Advanced Materials, 2019, 31, e1903104.	11.1	153
18	A New Redox-Fluorescence Switch Based on a Triad with Tetrathiafulvalene and Anthracene Units. Organic Letters, 2004, 6, 1209-1212.	2.4	140

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19	Organic Functional Molecules towards Information Processing and Highâ€Density Information Storage. Advanced Materials, 2008, 20, 2888-2898.	11.1	140
20	Remarkable enhancement of charge carrier mobility of conjugated polymer field-effect transistors upon incorporating an ionic additive. Science Advances, 2016, 2, e1600076.	4.7	139
21	Seleniumâ€Substituted Diketopyrrolopyrrole Polymer for Highâ€Performance pâ€Type Organic Thermoelectric Materials. Angewandte Chemie - International Edition, 2019, 58, 18994-18999.	7.2	136
22	Multicolor Tunable Emission from Organogels Containing Tetraphenylethene, Perylenediimide, and Spiropyran Derivatives. Advanced Functional Materials, 2010, 20, 3244-3251.	7.8	133
23	Field-Induced Single-Ion Magnets Based on Enantiopure Chiral Î²-Diketonate Ligands. Inorganic Chemistry, 2013, 52, 8933-8940.	1.9	122
24	Tuning the Photoinduced Electron Transfer in a Zrâ€MOF: Toward Solidâ€State Fluorescent Molecular Switch and Turnâ€On Sensor. Advanced Materials, 2018, 30, e1802329.	11.1	120
25	Modification of Side Chains of Conjugated Molecules and Polymers for Charge Mobility Enhancement and Sensing Functionality. Accounts of Chemical Research, 2018, 51, 1422-1432.	7.6	119
26	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. ACS Applied Materials & Interfaces, 2016, 8, 3635-3643.	4.0	107
27	Charge Mobility Enhancement for Conjugated DPP-Selenophene Polymer by Simply Replacing One Bulky Branching Alkyl Chain with Linear One at Each DPP Unit. Chemistry of Materials, 2018, 30, 3090-3100.	3.2	107
28	A Cruciform Electron Donorâ€“Acceptor Semiconductor with Solidâ€State Red Emission: 1D/2D Optical Waveguides and Highly Sensitive/Selective Detection of H₂S Gas. Advanced Functional Materials, 2014, 24, 4250-4258.	7.8	96
29	Dibenzothiopheneâ€S,Sâ€Dioxideâ€Based Conjugated Polymers: Highly Efficient Photocatalyts for Hydrogen Production from Water under Visible Light. Small, 2018, 14, e1801839.	5.2	96
30	Intramolecular Electron Transfer within the Substituted Tetrathiafulvaleneâ”Quinone Dyads:Â Facilitated by Metal Ion and Photomodulation in the Presence of Spiropyran. Journal of the American Chemical Society, 2007, 129, 6839-6846.	6.6	95
31	Tetraphenylethylene Conjugated with a Specific Peptide as a Fluorescence Turnâ€On Bioprobe for the Highly Specific Detection and Tracing of Tumor Markers in Live Cancer Cells. Chemistry - A European Journal, 2014, 20, 158-164.	1.7	91
32	1-Imino Nitroxide Pyrene for High Performance Organic Field-Effect Transistors with Low Operating Voltage. Journal of the American Chemical Society, 2006, 128, 13058-13059.	6.6	87
33	Manipulation of the Aggregation and Deaggregation of Tetraphenylethylene and Silole Fluorophores by Amphiphiles: Emission Modulation and Sensing Applications. Langmuir, 2015, 31, 4593-4604.	1.6	84
34	Aggregation-induced emission nanoparticles as photosensitizer for two-photon photodynamic therapy. Materials Chemistry Frontiers, 2017, 1, 1746-1753.	3.2	82
35	Dicyclohepta[ijkl,uvwx]rubicene with Two Pentagons and Two Heptagons as a Stable and Planar Nonâ€benzenoid Nanographene. Angewandte Chemie - International Edition, 2020, 59, 3529-3533.	7.2	82
36	New Donorâ€“Acceptorâ€“Donor Molecules with Pechmann Dye as the Core Moiety for Solution-Processed Good-Performance Organic Field-Effect Transistors. Chemistry of Materials, 2013, 25, 471-478.	3.2	81

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37	Direct single-molecule dynamic detection of chemical reactions. Science Advances, 2018, 4, eaar2177.	4.7	78
38	A Systematic Strategy of Combinational Blow for Overcoming Cascade Drug Resistance via NIRâ€Lightâ€Triggered Hyperthermia. Advanced Materials, 2021, 33, e2100599.	11.1	78
39	Stereoelectronic Effect-Induced Conductance Switching in Aromatic Chain Single-Molecule Junctions. Nano Letters, 2017, 17, 856-861.	4.5	76
40	Highly Solidâ€State Emissive Pyridiniumâ€Substituted Tetraphenylethylene Salts: Emission Colorâ€Tuning with Counter Anions and Application for Optical Waveguides. Small, 2015, 11, 1335-1344.	5.2	68
41	New tetrathiafulvalene fused-naphthalene diimides for solution-processible and air-stable p-type and ambipolar organic semiconductors. Chemical Science, 2012, 3, 2530.	3.7	67
42	Pyridiniumâ€Substituted Tetraphenylethylenes Functionalized with Alkyl Chains as Autophagy Modulators for Cancer Therapy. Angewandte Chemie - International Edition, 2020, 59, 10042-10051.	7.2	66
43	Emissive nanoparticles from pyridinium-substituted tetraphenylethylene salts: imaging and selective cytotoxicity towards cancer cells in vitro and in vivo by varying counter anions. Chemical Science, 2016, 7, 7013-7019.	3.7	65
44	AIE-doped poly(ionic liquid) photonic spheres: a single sphere-based customizable sensing platform for the discrimination of multi-analytes. Chemical Science, 2017, 8, 6281-6289.	3.7	64
45	1,6- and 2,7-trans-Î²-Styryl Substituted Pyrenes Exhibiting Both Emissive and Semiconducting Properties in the Solid State. Chemistry of Materials, 2017, 29, 3580-3588.	3.2	63
46	A single-molecule magnet featuring a parallelogram [Dy4(OCH2â€“)4] core and two magnetic relaxation processes. Dalton Transactions, 2013, 42, 14813.	1.6	62
47	Conjugated Semiconducting Polymer with Thymine Groups in the Side Chains: Charge Mobility Enhancement and Application for Selective Field-Effect Transistor Sensors toward CO and H₂S. Chemistry of Materials, 2019, 31, 1800-1807.	3.2	62
48	Heptanuclear 3dâ€“4f cluster complexes with a coaxial double-screw-propeller topology and diverse magnetic properties. Dalton Transactions, 2010, 39, 11325.	1.6	60
49	A 3D MOF constructed from dysprosium(<scp>iii</scp>) oxalate and capping ligands: ferromagnetic coupling and field-induced two-step magnetic relaxation. Chemical Communications, 2016, 52, 4804-4807.	2.2	60
50	Lightâ€Driven Reversible Intermolecular Proton Transfer at Singleâ€Molecule Junctions. Angewandte Chemie - International Edition, 2019, 58, 3829-3833.	7.2	60
51	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. ACS Applied Materials & Interfaces, 2018, 10, 25037-25046.	4.0	59
52	Diketopyrrolopyroleâ€Based Conjugated Polymer Entailing Triethylene Glycols as Side Chains with High Thinâ€Film Charge Mobility without Postâ€Treatments. Advanced Science, 2017, 4, 1700048.	5.6	58
53	Protonation tuning of quantum interference in azulene-type single-molecule junctions. Chemical Science, 2017, 8, 7505-7509.	3.7	58
54	Structureâ€Independent Conductance of Thiopheneâ€Based Singleâ€Stacking Junctions. Angewandte Chemie - International Edition, 2020, 59, 3280-3286.	7.2	58

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55	4-(N,N-Dimethylamine)benzonitrile (DMABN) derivatives with boronic acid and boronate groups: new fluorescent sensors for saccharides and fluoride ion. Journal of Materials Chemistry, 2007, 17, 1964.	6.7	55
56	A facile and convenient fluorescence detection of gamma-ray radiation based on the aggregation-induced emission. Journal of Materials Chemistry, 2011, 21, 14487.	6.7	55
57	Tuning the Solid State Emission of the Carbazole and Cyanoâ€Substituted Tetraphenylethylene by Coâ€Crystallization with Solvents. Small, 2016, 12, 6554-6561.	5.2	55
58	Alternating Conjugated Electron Donorâ€“Acceptor Polymers Entailing Pechmann Dye Framework as the Electron Acceptor Moieties for High Performance Organic Semiconductors with Tunable Characteristics. Macromolecules, 2014, 47, 2899-2906.	2.2	54
59	Highly Sensitive Chemicalâ€Vapor Sensor Based on Thinâ€Film Organic Fieldâ€Effect Transistors with Benzothiadiazoleâ€Fusedâ€Tetrathiafulvalene. Advanced Functional Materials, 2013, 23, 1671-1676.	7.8	51
60	A fluorescent turn-on low dose detection of gamma-radiation based on aggregation-induced emission. Chemical Communications, 2015, 51, 3892-3895.	2.2	51
61	Electric fieldâ€“catalyzed single-molecule Diels-Alder reaction dynamics. Science Advances, 2021, 7, .	4.7	51
62	Old is new again: a chemical probe for targeting mitochondria and monitoring mitochondrial membrane potential in cells. Analyst, The, 2015, 140, 5849-5854.	1.7	50
63	Zinckeâ€™s Salt-Substituted Tetraphenylethylenes for Fluorometric Turn-On Detection of Glutathione and Fluorescence Imaging of Cancer Cells. ACS Applied Materials & Interfaces, 2018, 10, 12141-12149.	4.0	50
64	Threeâ€State Singleâ€Molecule Naphthalenediimide Switch: Integration of a Pendant Redox Unit for Conductance Tuning. Angewandte Chemie - International Edition, 2015, 54, 13586-13589.	7.2	49
65	A highly selective fluorescence turn-on detection of ClO^{â^’}with 1-methyl-1,2-dihydropyridine-2-thione unit modified tetraphenylethylene. Chemical Communications, 2017, 53, 11654-11657.	2.2	49
66	A new fluorescence-switch based on supermolecular dyad with (tetraphenylporphyrinato)zinc(ii) and tetrathiafulvalene units. Journal of Materials Chemistry, 2005, 15, 2557.	6.7	48
67	Dithiazole-fused naphthalene diimides toward new n-type semiconductors. Journal of Materials Chemistry C, 2013, 1, 1087-1092.	2.7	48
68	Extended Ï€-Conjugated Molecules Derived from Naphthalene Diimides toward Organic Emissive and Semiconducting Materials. Journal of Organic Chemistry, 2013, 78, 2926-2934.	1.7	48
69	Bioâ€Chemosensors and Imaging with Aggregationâ€Induced Emission Luminogens. Chemical Record, 2016, 16, 2142-2160.	2.9	48
70	Controllable Selfâ€Assembly of Di(pâ€methoxylphenyl)Dibenzofulvene into Three Different Emission Forms. Small, 2012, 8, 3406-3411.	5.2	47
71	Optically Tunable Field Effect Transistors with Conjugated Polymer Entailing Azobenzene Groups in the Side Chains. Advanced Functional Materials, 2019, 29, 1807176.	7.8	46
72	A New Approach to 4-Alkylthio-1,3-dithiole-2-thione:â€‰ An Unusual Reaction of a Zinc Complex of 1,3-Dithole-2-thione-4,5-dithiolate. Organic Letters, 2001, 3, 1941-1944.	2.4	44

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73	A New Tetraphenylethyleneâ€Derived Fluorescent Probe for Nitroreductase Detection and Hypoxicâ€Tumorâ€Cell Imaging. Chemistry - an Asian Journal, 2016, 11, 2918-2923.	1.7	44
74	Self-Assembled Nanostructures Based on Activatable Red Fluorescent Dye for Site-Specific Protein Probing and Conformational Transition Detection. Analytical Chemistry, 2016, 88, 6374-6381.	3.2	43
75	Molecular Materials That Can Both Emit Light and Conduct Charges: Strategies and Perspectives. Chemistry - A European Journal, 2016, 22, 462-471.	1.7	43
76	A homochiral Znâ€“Dy heterometallic left-handed helical chain complex without chiral ligands: anion-induced assembly and multifunctional integration. Chemical Communications, 2018, 54, 13379-13382.	2.2	42
77	Trinuclear [Co^{III}₂â€“Ln^{III}] (Ln=Tb, Dy) Singleâ€Ion Magnets with Mixed 6â€Chloroâ€2â€Hydroxypyridine and Schiff Base Ligands. Chemistry - an Asian Journal, 2014, 9, 1847-1853.	1.7	40
78	New air-stable solution-processed organic n-type semiconductors based on sulfur-rich core-expanded naphthalene diimides. Journal of Materials Chemistry, 2011, 21, 18042.	6.7	39
79	Nestlike C₄â€Symmetric [Co₂₄] Metallamacrocycle Sustained by pâ€tertâ€Butylsulfonylcalix[4]arene and 1,2,4â€Triazole. Chemistry - A European Journal, 2011, 17, 12285-12288.	1.7	39
80	New Ï€-conjugated polymers as acceptors designed for all polymer solar cells based on imide/amide-derivatives. Journal of Materials Chemistry C, 2016, 4, 185-192.	2.7	39
81	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.	3.2	39
82	Halfâ€Fused Diketopyrrolopyrroleâ€Based Conjugated Donorâ€“Acceptor Polymer for Ambipolar Fieldâ€Effect Transistors. Advanced Functional Materials, 2020, 30, 1910235.	7.8	39
83	Highly Selective Fluorescence Detection for Mercury (II) Ions in Aqueous Solution Using Water Soluble Conjugated Polyelectrolytes. Macromolecular Rapid Communications, 2008, 29, 1467-1471.	2.0	38
84	Novel redox-fluorescence switch based on a triad containing tetrathiafulvalene and pyrene units with tunable monomer and excimer emissions. New Journal of Chemistry, 2005, 29, 1291.	1.4	37
85	Cyanide-bridged 1D Mn(iii)â€“Fe(iii) bimetallic complexes: synthesis, crystal structure and magnetic properties. New Journal of Chemistry, 2009, 33, 2296.	1.4	37
86	Pyridiniumâ€Substituted TetraphenylethyleneEntailing Alkyne Moiety: Enhancement of Photosensitizing Efficiency and Antimicrobial Activity. Chemistry - an Asian Journal, 2017, 12, 1013-1019.	1.7	37
87	Incorporation of hydrogenâ€bonding units into polymeric semiconductors toward boosting charge mobility, intrinsic stretchability, and selfâ€healing ability. SmartMat, 2021, 2, 347-366.	6.4	37
88	New semiconductors based on triphenylamine with macrocyclic architecture: synthesis, properties and applications in OFETs. Journal of Materials Chemistry, 2007, 17, 4483.	6.7	36
89	Photoâ€Thermalâ€Responsive Fieldâ€Effect Transistor upon Blending Polymeric Semiconductor with Hexaarylbiimidazole toward Photonically Programmable and Thermally Erasable Memory Device. Advanced Materials, 2019, 31, e1902576.	11.1	36
90	A Facile Approach to Improve Interchain Packing Order and Charge Mobilities by Selfâ€Assembly of Conjugated Polymers on Water. Advanced Science, 2018, 5, 1801497.	5.6	35

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91	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.	6.7	34
92	Ambipolar charge-transport property for the Dâ€“A complex with naphthalene diimide motif. Journal of Materials Chemistry C, 2014, 2, 2869-2876.	2.7	34
93	Conjugated Donorâ€“Acceptor Polymers Entailing Pechmann Dye-Derived Acceptor with Siloxane-Terminated Side Chains Exhibiting Balanced Ambipolar Semiconducting Behavior. Macromolecules, 2016, 49, 5857-5865.	2.2	34
94	Single-Molecule Magnet Behavior of 1D Coordination Polymers Based on DyZn₂(salen)₂ Units and Pyridin-N-Oxide-4-Carboxylate: Structural Divergence and Magnetic Regulation. Inorganic Chemistry, 2018, 57, 11077-11086.	1.9	34
95	Assembly of chiral 3dâ€“4f wheel-like cluster complexes with achiral ligands: single-molecule magnetic behavior and magnetocaloric effect. Inorganic Chemistry Frontiers, 2020, 7, 3340-3351.	3.0	34
96	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.	1.0	33
97	Luminescent photonic crystals with multi-functionality and tunability. Chemical Science, 2016, 7, 5692-5698.	3.7	33
98	Bioinspired Peptide for Imaging Hg²⁺ Distribution in Living Cells and Zebrafish Based on Coordination-Mediated Supramolecular Assembling. Analytical Chemistry, 2018, 90, 9708-9715.	3.2	33
99	Dicyclohepta[ijkl,uvwx]rubicene with Two Pentagons and Two Heptagons as a Stable and Planar Nonâ€benzenoid Nanographene. Angewandte Chemie, 2020, 132, 3557-3561.	1.6	33
100	New Synthetic Approaches toNâ€Aryl and Ï€â€Expanded Diketopyrrolopyrroles as New Building Blocks for Organic Optoelectronic Materials. Angewandte Chemie - International Edition, 2021, 60, 10700-10708.	7.2	33
101	A Novel Mixed-Valence CuI/CuII Coordination Polymer: Solvothermal Synthesis, Crystal Structure, and Magnetic Properties of CuICuII(2-Pyrazinecarboxylate)2(H2O)(ClO4). European Journal of Inorganic Chemistry, 2003, 2003, 3618-3622.	1.0	32
102	Two-step warming solvothermal syntheses, luminescence and slow magnetic relaxation of isostructural dense LnMOFs based on nanoscale 3-connected linkers. Inorganic Chemistry Frontiers, 2016, 3, 1076-1081.	3.0	32
103	Targeted and imaging-guided in vivo photodynamic therapy for tumors using dual-function, aggregation-induced emission nanoparticles. Nano Research, 2018, 11, 2756-2770.	5.8	32
104	Improving the Electronic Transporting Property for Flexible Field-Effect Transistors with Naphthalene Diimide-Based Conjugated Polymer through Branching/Linear Side-Chain Engineering Strategy. ACS Applied Materials & Interfaces, 2019, 11, 15837-15844.	4.0	32
105	Arylacetyleneâ€Substituted Naphthalene Diimides with Dual Functions: Optical Waveguides and nâ€Type Semiconductors. Chemistry - an Asian Journal, 2014, 9, 3207-3214.	1.7	30
106	Conjugated Random Donorâ€“Acceptor Copolymers of [1]Benzothieno[3,2-b]benzothiophene and Diketopyrrolopyrrole Units for High Performance Polymeric Semiconductor Applications. Macromolecules, 2016, 49, 6334-6342.	2.2	30
107	Improving Ambipolar Semiconducting Properties of Thiazole-Flanked Diketopyrrolopyrrole-Based Terpolymers by Incorporating Urea Groups in the Side-Chains. Macromolecules, 2018, 51, 6003-6010.	2.2	30
108	Solution-processed core-extended naphthalene diimides toward organic n-type and ambipolar semiconductors. Journal of Materials Chemistry C, 2013, 1, 2688.	2.7	29

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109	Extended Conjugated Donorâ€“Acceptor Molecules with Eâ€(1,2â€Difluorovinyl) and Diketopyrrolopyrrole (DPP) Moieties toward Highâ€Performance Ambipolar Organic Semiconductors. Chemistry - an Asian Journal, 2014, 9, 1068-1075.	1.7	29
110	Efficient Construction of Near-Infrared Absorption Donorâ€“Acceptor Copolymers with and without Pt(II)-Incorporation toward Broadband Nonlinear Optical Materials. ACS Applied Materials & Interfaces, 2020, 12, 2944-2951.	4.0	29
111	Carboxylic acid-dependent assembly of neodymiumâ€“organic frameworks with attractive topologies and second-order nonlinear optical and/or magnetic properties. CrystEngComm, 2008, 10, 1674.	1.3	28
112	Self-assembly of a new C60 compound with a L-glutamid-derived lipid unit: formation of organogels and hierarchically structured spherical particles. Soft Matter, 2011, 7, 3592.	1.2	28
113	Multiple thermal magnetic relaxation in a two-dimensional ferromagnetic dysprosium(<scp>iii</scp>) metalâ€“organic framework. RSC Advances, 2015, 5, 104854-104861.	1.7	28
114	Diketopyrrolopyrroleâ€Based Semiconducting Polymer with Both Hydrophobic Alkyl and Hydrophilic Tetraethylene Glycol Chains for Monolayer Transistor and Sensing Application. Advanced Electronic Materials, 2017, 3, 1700120.	2.6	28
115	A Radical-Radical and Metalâ€“Metal Coupling Tetrathiafulvalene Derivative in which Organic Radicals Directly Coordinate to CuII Ions. European Journal of Inorganic Chemistry, 2006, 2006, 1629-1634.	1.0	27
116	New dithienyl-diketopyrrolopyrrole-based conjugated molecules entailing electron withdrawing moieties for organic ambipolar semiconductors and photovoltaic materials. Journal of Materials Chemistry C, 2014, 2, 10101-10109.	2.7	27
117	An Efficient Diazirineâ€Based Fourâ€Armed Crossâ€linker for Photoâ€patterning of Polymeric Semiconductors. Angewandte Chemie - International Edition, 2021, 60, 21521-21528.	7.2	27
118	Electronic tuning effects via cyano substitution of a fused tetrathiafulvaleneâ€“benzothiadiazole dyad for ambipolar transport properties. RSC Advances, 2014, 4, 2873-2878.	1.7	26
119	Syntheses of new electron donors with hydroxymethyl groups and studies on their cation-radical salts. Journal of Materials Chemistry, 2000, 10, 2063-2067.	6.7	25
120	Luminescence and slow magnetic relaxation of isostructural 2D lanthanide metalâ€“organic frameworks derived from both nicotinate N-oxide and glutarate. RSC Advances, 2015, 5, 92980-92987.	1.7	25
121	Calixareneâ€Supported Polynuclear Cobalt(II) Cluster Complexes Tuned by Substitution Groups of the Second Bridging Ligands. European Journal of Inorganic Chemistry, 2012, 2012, 4210-4217.	1.0	24
122	Hexanuclear [Ni2Ln4] clusters exhibiting enhanced magnetocaloric effect and slow magnetic relaxation. RSC Advances, 2014, 4, 53870-53876.	1.7	24
123	Conjugated Dâ€“A terpolymers for organic field-effect transistors and solar cells. Polymer Journal, 2018, 50, 21-31.	1.3	23
124	Diketopyrrolopyrrole based donorâ€“acceptor Ï€-conjugated copolymers with near-infrared absorption for 532 and 1064 nm nonlinear optical materials. Journal of Materials Chemistry C, 2020, 8, 12993-13000.	2.7	23
125	Simultaneous Incorporation of Two Types of Azoâ€Groups in the Side Chains of a Conjugated Dâ€“A Polymer for Logic Control of the Semiconducting Performance by Light Irradiation. Advanced Materials, 2021, 33, e2005613.	11.1	23
126	Novel silver(I) complexes derived from tetrakis(methylthio)tetrathiafulvalene and bis(ethylenedithio)tetrathiafulvalene with 3D and 1D structures. New Journal of Chemistry, 2002, 26, 490-494.	1.4	22

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127	Modification of the Green Fluorescent Protein Chromophore with Large Aromatic Moieties: Photophysical Study and Solidâ€State Emission. Asian Journal of Organic Chemistry, 2012, 1, 352-358.	1.3	22
128	Semiconducting Nanocomposite with AIEgenâ€Triggered Enhanced Photoluminescence and Photodegradation for Dualâ€Modality Tumor Imaging and Therapy. Advanced Functional Materials, 2019, 29, 1903733.	7.8	22
129	Tuning the solid-state emission of the analogous GFP chromophore by varying alkyl chains in the imidazolinone ring. Science China Chemistry, 2013, 56, 1197-1203.	4.2	21
130	Slow magnetic relaxation of a three-dimensional metalâ€“organic framework featuring a unique dysprosium(iii) oxalate layer. RSC Advances, 2015, 5, 63186-63192.	1.7	21
131	A Conjugated Polymer Containing Arylazopyrazole Units in the Side Chains for Fieldâ€Effect Transistors Optically Tunable by Near Infraâ€Red Light. Angewandte Chemie - International Edition, 2020, 59, 13844-13851.	7.2	21
132	Zn2Ln2 complexes with carbonate bridges formed by the fixation of carbon dioxide in the atmosphere: single-molecule magnet behaviour and magnetocaloric effect. Dalton Transactions, 2020, 49, 2121-2128.	1.6	21
133	White Emissions Containing Room Temperature Phosphorescence from Different Excited States of a Dâ€“Ï€â€“A Molecule Depending on the Aggregate States. Advanced Science, 2022, 9, e2104539.	5.6	21
134	1D silver(i) complex of nitronyl nitroxide with strong spinâ€“spin interaction through silver(i) ion. Chemical Communications, 2002, , 44-45.	2.2	20
135	A new approach to reduced graphite oxide with tetrathiafulvalene in the presence of metal ions. Journal of Materials Chemistry, 2012, 22, 4391.	6.7	20
136	A Chinese Pane-Like 2D Metal-Organic Framework Showing Magnetic Relaxation and Luminescence Dual-Functions. Scientific Reports, 2017, 7, 11156.	1.6	20
137	Conducting Nanopearl Chains Based on the Dmit Salt. Journal of Physical Chemistry B, 2004, 108, 13638-13642.	1.2	19
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