De-Qing Zhang

List of Publications by Year
in descending order

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379 papers	11,835 citations	29994 54 h-index	34900 98 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
138	A water-soluble derivative of tetrathiafulvalene exhibiting pH sensitive redox properties. New Journal of Chemistry, 2005, 29, 509.	1.4	19
139	New core-expanded naphthalene diimides with different functional groups for air-stable solution-processed organic n-type semiconductors. New Journal of Chemistry, 2013, 37, 1720.	1.4	19
140	New alternating electron donorâ€“acceptor conjugated polymers entailing (E)-[4,4â€²-biimidazolylidene]-5,5â€²(1H,1â€²H)-dione moieties. Polymer Chemistry, 2013, 4, 5283.	1.9	19
141	A 2D â† 2D polyrotaxane lanthanideâ€“organic framework showing field-induced single-molecule magnet behaviour. RSC Advances, 2014, 4, 36053-36056.	1.7	19
142	Conjugated polymer with ternary electronâ€deficient units for ambipolar nanowire fieldâ€effect transistors. Journal of Polymer Science Part A, 2016, 54, 34-38.	2.5	19
143	Colorimetric detection of glucose and an assay for acetylcholinesterase with amine-terminated polydiacetylene vesicles. Science Bulletin, 2011, 56, 1877-1883.	1.7	18
144	Rapid, sensitive, and in-solution screening of peptide probes for targeted imaging of live cancer cells based on peptide recognition-induced emission. Chemical Communications, 2017, 53, 11091-11094.	2.2	18

#	Article	IF	Citations
145	Highly Sensitive Fieldâ€Effect Ammonia/Amine Sensors with Low Driving Voltage Based on Low Bandgap Polymers. Advanced Electronic Materials, 2018, 4, 1800025.	2.6	18
146	Seleniumâ€Substituted Diketopyrrolopyrrole Polymer for Highâ€Performance pâ€Type Organic Thermoelectric Materials. Angewandte Chemie, 2019, 131, 19170-19175.	1.6	18
147	Green Chemistry: A Framework for a Sustainable Future. Organic Process Research and Development, 2021, 25, 1455-1459.	1.3	18
148	Magnetic properties tuned by oxamido bridging ligand derivatives in two new hybrid organic inorganic nitronyl nitroxide copper(ii) complexes. CrystEngComm, 2007, 9, 799.	1.3	17
149	Tetrathiafulvalene (TTF)-based gelators: Stimuli responsive gels and conducting nanostructures. Science China Chemistry, 2011, 54, 596-602.	4.2	17
150	Both magnetic relaxation and luminescence of Zn₂Dy₂ cluster complexes regulated by the bis-imine chain in Schiff base ligands. New Journal of Chemistry, 2019, 43, 14502-14510.	1.4	17
151	Aggregationâ€Induced Emission Luminogens for Mitochondriaâ€Targeted Cancer Therapy. ChemMedChem, 2020, 15, 2220-2227.	1.6	17
152	The Control of Intramolecular Through-Bond and Through-Space Coupling in Single-Molecule Junctions. CCS Chemistry, 2022, 4, 713-721.	4.6	17
153	Synthesis, Crystal Structure, and Magnetic Properties of a New Coordination Polymer Framework [Co^{II}(4,4â€²â€bpy)(N₃)₂]_n. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 549-553.	0.6	16
154	Fine Tuning the Energy Barrier of Molecular Nanomagnets via Lattice Solvent Molecules. Scientific Reports, 2017, 7, 15483.	1.6	16
155	Field-Induced Relaxation of Magnetization in a Three-Dimensional LnMOF with the Second Bridging Ligand Squarate. ACS Omega, 2016, 1, 286-292.	1.6	15
156	Fluorogenic Enhancement of an in Vitro-Selected Peptide Ligand by Replacement of a Fluorescent Group. Analytical Chemistry, 2016, 88, 7991-7997.	3.2	15
157	Simultaneous assembly of mononuclear and dinuclear dysprosium(III) complexes behaving as single-molecule magnets in a one-pot hydrothermal synthesis. Science China Chemistry, 2017, 60, 358-365.	4.2	15
158	Lightâ€Driven Reversible Intermolecular Proton Transfer at Singleâ€Molecule Junctions. Angewandte Chemie, 2019, 131, 3869-3873.	1.6	15
159	A Dual Functional Diketopyrrolopyrroleâ€Based Conjugated Polymer as Single Component Semiconducting Photoresist by Appending Azide Groups in the Side Chains. Advanced Science, 2022, 9, e2106087.	5.6	15
160	Tetrathiafulvalenes as anchors for building highly conductive and mechanically tunable molecular junctions. Nature Communications, 2022, 13, 1803.	5.8	15
161	A new gelator based on tetraphenylethylene and diphenylalanine: Gel formation and reversible fluorescence tuning. Science Bulletin, 2012, 57, 4284-4288.	1.7	14
162	Thiepinâ€Fused Heteroacenes: Simple Synthesis, Unusual Structure, and Semiconductors with Less Anisotropic Behavior. Chemistry - A European Journal, 2013, 19, 14573-14580.	1.7	14

#	Article	IF	Citations
163	Ï€â€Extented Conjugated Polymers Entailing Pechmann Dye Moieties for Solutionâ€Processed Ambipolar Organic Semiconductors. Chinese Journal of Chemistry, 2014, 32, 788-796.	2.6	14
164	Conjugated donorâ€“acceptor terpolymers entailing the Pechmann dye and dithienyl-diketopyrrolopyrrole as co-electron acceptors: tuning HOMO/LUMO energies and photovoltaic performances. Polymer Chemistry, 2016, 7, 3838-3847.	1.9	14
165	Arraying Octahedral {Cr2Dy4} Units into 3D Single-Molecule-Magnet-Like Inorganic Compounds with Sulfate Bridges. Inorganic Chemistry, 2018, 57, 6803-6806.	1.9	13
166	Enantiopure Chiral Two-dimensional Sinusoidal Lanthanide(III) Coordination Polymers Based on R-/S-2-Methylglutarate: Luminescence, Magnetic Entropy Change, and Magnetic Relaxation. Crystal Growth and Design, 2019, 19, 4731-4737.	1.4	13
167	Confronting Racism in Chemistry Journals. ACS Applied Materials & Interfaces, 2020, 12, 28925-28927.	4.0	13
168	Pyridiniumâ€Substituted Tetraphenylethylenes Functionalized with Alkyl Chains as Autophagy Modulators for Cancer Therapy. Angewandte Chemie, 2020, 132, 10128-10137.	1.6	13
169	CO 2 â€fixation into carbonate anions for the construction of 3dâ€4f cluster complexes with salenâ€type Schiff base ligands: from molecular magnetic refrigerants to luminescent singleâ€molecule magnets. Applied Organometallic Chemistry, 2020, 34, e5893.	1.7	13
170	Green Chemistry: A Framework for a Sustainable Future. Environmental Science & Technology, 2021, 55, 8459-8463.	4.6	12
171	Multi-Stimuli-Responsive Field-Effect Transistor with Conjugated Polymer Entailing Spiropyran in the Side Chains. CCS Chemistry, 2020, 2, 632-641.	4.6	12
172	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. Journal of Materials Chemistry C, 2016, 4, 9359-9365.	2.7	11
173	Investigating the Optical Properties of Thiophene Additions to s-Indacene Donors with Diketopyrrolopyrrole, Isoindigo, and Thienothiophene Acceptors. Journal of Physical Chemistry C, 2018, 122, 27713-27733.	1.5	11
174	Title is missing!. Transition Metal Chemistry, 2003, 28, 336-338.	0.7	10
175	Hydrothermal Synthesis and Crystal Structure of a New a-Keggin Unit-supported Cobalt Bipyridyl Complex: [Co(2,2'-BIPY)3]1.5[SiW12O40Co(2,2'-bipy)2(H2O)]Â·0.5H2O. Journal of Coordination Chemistry, 2003, 56, 953-960.	0.8	10
176	Excitation Energy Transfer in metaâ€Substituted Phenylacetylene Multibranched Chromophores. Chemistry - an Asian Journal, 2016, 11, 2741-2748.	1.7	10
177	Ultrasensitive detection of aliphatic nitro-organics based on â€œturn-onâ€•fluorescent sensor array. Science China Chemistry, 2016, 59, 89-94.	4.2	10
178	Structureâ€Independent Conductance of Thiopheneâ€Based Singleâ€Stacking Junctions. Angewandte Chemie, 2020, 132, 3306-3312.	1.6	10
179	Selenopheneâ€Flanked Diketopyrrolopyrrole Based Conjugated Polymers for Ambipolar Fieldâ€Effect Transistors. Chinese Journal of Chemistry, 2020, 38, 1075-1080.	2.6	10
180	Novel fragmentation ofN-diisopropyloxyphosphoryl dipeptides and tripeptides by fast atom bombardment mass spectrometry. Organic Mass Spectrometry, 1991, 26, 510-513.	1.3	9

#	Article	IF	Citations
181	A perylene five-membered ring diimide for organic semiconductors and Ï€-expanded conjugated molecules. Chemical Communications, 2022, 58, 5100-5103.	2.2	9
182	Enhancement of the Thermoelectric Performance of n-Type Naphthalene Diimide-Based Conjugated Polymer by Engineering of Side Alkyl Chains. , 2022, 4, 521-527.		9
183	A novel reagent, dialkylphosphite, for peptide synthesis. International Journal of Peptide and Protein Research, 1991, 37, 457-461.	0.1	8
184	Accurate Single-Molecule Kinetic Isotope Effects. Journal of the American Chemical Society, 2022, , .	6.6	8
185	Solvothermal synthesis and crystal structure of an inorganicâ€“organic hybrid compound [DAMS]2[CdI4] (DAMS = 4-dimethylaminostyryl-1-methyl-pyridinium). Journal of Chemical Crystallography, 2004, 34, 291-294.	0.5	7
186	Conjugated electron donorâ€“acceptor molecules with (E)-[4,4â€²-biimidazolylidene]-5,5â€²(1H,1â€²H)-dione for new organic semiconductors. Journal of Materials Chemistry C, 2014, 2, 1149-1157.	2.7	7
187	New conjugated molecules with four DPP (diketopyrrolopyrrole) moieties linked by [2,2]paracyclophane as electron acceptors for organic photovoltaic cells. New Journal of Chemistry, 2015, 39, 6421-6427.	1.4	7
188	Green Chemistry: A Framework for a Sustainable Future. Environmental Science and Technology Letters, 2021, 8, 487-491.	3.9	7
189	Green Chemistry: A Framework for a Sustainable Future. ACS Omega, 2021, 6, 16254-16258.	1.6	7
190	Enhancing the healing ability and charge transport thermal stability of a diketopyrrolopyrrole based conjugated polymer by incorporating coumarin groups in the side chains. Journal of Polymer Science, 2022, 60, 517-524.	2.0	7
191	Tuning Proapoptotic Activity of a Phosphoricâ€Acidâ€Tethered Tetraphenylethene by Visibleâ€Lightâ€Triggered Isomerization and Switchable Protein Interactions for Cancer Therapy. Angewandte Chemie - International Edition, 2022, 61, .	7.2	7
192	A Novel Nickel(II) Complex Adopting acis-Configuration: Solvothermal Synthesis and Crystal Structure of [NiL2(H2O)4] (L = 1,4-Dihydropyrazine-2,3-dione-5,6-dicarboxylate). European Journal of Inorganic Chemistry, 2002, 2002, 1595-1598.	1.0	6
193	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. Chinese Journal of Chemistry, 2012, 30, 1453-1458.	2.6	6
194	Chemistry, From Alpha to Omega, Open to All. ACS Omega, 2016, 1, 1-1.	1.6	6
195	Organic Donorâ€“Acceptor Systems. Asian Journal of Organic Chemistry, 2020, 9, 1251-1251.	1.3	6
196	A Conjugated Polymer Containing Arylazopyrazole Units in the Side Chains for Fieldâ€Effect Transistors Optically Tunable by Near Infraâ€Red Light. Angewandte Chemie, 2020, 132, 13948-13955.	1.6	6
197	Green Chemistry: A Framework for a Sustainable Future. Organic Letters, 2021, 23, 4935-4939.	2.4	6
198	Dual Modulation of Single Molecule Conductance via Tuning Side Chains and Electric Field with Conjugated Molecules Entailing Intramolecular Oâ€¢â€¢â€¢S Interactions. Advanced Science, 2022, 9, e2105667.	5.6	6

#	Article	IF	Citations
199	Synthesis and Electrochemical Studies of Novel Electron Donorsâ€”BEDT-TTF Fused withp-Dimethoxybenzene and Hydroquinone. Synthetic Communications, 2000, 30, 835-848.	1.1	5
200	Hydrothermal Synthesis, Crystal Structures and Magnetic Properties of two Bimetallic Cage Cluster Vanadate Complexes [Co(phen)2]2V4O12 and [Co(2,2â€²-bipy)2]2V4O12. Journal of Coordination Chemistry, 2002, 55, 1327-1335.	0.8	5
201	Cation radical salts of ethylenedisulfanyl-bridged dimeric ethylenedithiotetrathiafulvalene with 2,3,5,6-tetrafluoro-7,7,8,8-tetracyanoquinodimethane (TCNQF4), PF6â^', AsF6â^'and BF4â^': synthesis, structure and conducting properties. Journal of Materials Chemistry, 2003, 13, 1646-1651.	6.7	5
202	A novel heterospin tetranuclear MnII -type complex incorporating a macrocyclic oxamide [Mn(CuL)3](ClO4)2: synthesis, crystal structure and magnetic properties. Journal of Coordination Chemistry, 2004, 57, 647-655.	0.8	5
203	Thymine and adenine derivatives with pyrene, tetrathiafulvalene and nitronyl nitroxide units: Synthesis and formation of ensembles sensing thymine and adenine molecules. Science Bulletin, 2006, 51, 1947-1954.	1.7	5
204	Two-dimensional layer polyoxometalate-based inorganic metalâ€“organic hybrid supramolecular networks woven by Cuâ€‰Â·Â·Â·â€‰Opolyoxoanion short contact weak interactions. Journal of Coordination Chemistry, 2008, 61, 627-639.	0.8	5
205	Conjugated terpolymers synthesized by incorporating anthracene units into the backbones of the diketopyrrolopyrrole-based polymers as electron donors for photovoltaic cells. Polymer Chemistry, 2016, 7, 6798-6804.	1.9	5
206	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. ACS Applied Materials & Interfaces, 2020, 12, 20147-20148.	4.0	5
207	Confronting Racism in Chemistry Journals. Nano Letters, 2020, 20, 4715-4717.	4.5	5
208	Singleâ€Molecule Chargeâ€Transport Modulation Induced by Steric Effects of Side Alkyl Chains. ChemPhysChem, 2021, 22, 2573-2578.	1.0	5
209	Electrochemical sensing of ATP with synthetic cyclophane as recognition element. Science in China Series B: Chemistry, 2009, 52, 741-745.	0.8	4
210	Triphenylamine Derivatives Containing Nitronyl Nitroxide and Iminyl Nitroxideâ€Syntheses, Characterization, Crystal Structures and Magnetic Studies. Chinese Journal of Chemistry, 2001, 19, 966-975.	2.6	4
211	A New Benzodithiopheneâ€Based Cruciform Electronâ€Donorâ€“Electronâ€Acceptor Molecule with Ambipolar/Photoresponsive Semiconducting and Redâ€Lightâ€Emissive Properties. Asian Journal of Organic Chemistry, 2017, 6, 1277-1284.	1.3	4
212	Confronting Racism in Chemistry Journals. Organic Letters, 2020, 22, 4919-4921.	2.4	4
213	New fused conjugated molecules with fused thiophene and pyran units for organic electronic materials. RSC Advances, 2020, 10, 12378-12383.	1.7	4
214	Dynamics in Electronically Excited States of Diketopyrrolopyrroleâ€“Thiophene Conjugated Polymer Thin Films. Journal of Physical Chemistry C, 2021, 125, 5572-5580.	1.5	4
215	Green Chemistry: A Framework for a Sustainable Future. Organometallics, 2021, 40, 1801-1805.	1.1	4
216	Green Chemistry: A Framework for a Sustainable Future. Journal of Organic Chemistry, 2021, 86, 8551-8555.	1.7	4

#	Article	IF	Citations
217	Multi-Stimuli-Responsive Field-Effect Transistor with Conjugated Polymer Entailing Spiropyran in the Side Chains. CCS Chemistry, 2020, 2, 632-641.	4.6	4
218	New near-infrared absorbing conjugated electron donorâ€“acceptor molecules with a fused tetrathiafulvaleneâ€“naphthalene diimide framework. Journal of Materials Chemistry C, 2022, 10, 2814-2820.	2.7	4
219	ACS Omega Makes a Global Impact. ACS Omega, 2019, 4, 11566-11568.	1.6	3
220	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. Journal of the American Chemical Society, 2020, 142, 8059-8060.	6.6	3
221	New Synthetic Approaches to N â€Aryl and Ï€â€Expanded Diketopyrrolopyrroles as New Building Blocks for Organic Optoelectronic Materials. Angewandte Chemie, 2021, 133, 10795-10803.	1.6	3
222	Green Chemistry: A Framework for a Sustainable Future. Industrial & Engineering Chemistry Research, 2021, 60, 8964-8968.	1.8	3
223	An Efficient Diazirineâ€Based Fourâ€Armed Crossâ€linker for Photoâ€patterning of Polymeric Semiconductors. Angewandte Chemie, 2021, 133, 21691-21698.	1.6	3
224	Photosensitizer with High Efficiency Generated in Cells via Lightâ€Induced Selfâ€Oligomerization of 4,6â€Dibromothieno[3,4â€b]thiophene Compound Entailing a Triphenyl Phosphonium Group. Advanced Healthcare Materials, 2021, 10, e2100896.	3.9	3
225	N-Aryl diketopyrrolopyrrole derivatives towards organic optical and electronic materials. Chinese Chemical Letters, 2023, 34, 107687.	4.8	3
226	Synthesis and Magnetic Studies of Polydiacbtylene with Î±-Nitronyl Nitroxide as Side Group. Molecular Crystals and Liquid Crystals, 1992, 218, 277-282.	0.3	2
227	Hydrothermal synthesis, crystal structure and magnetic properties of a new 2D layered vanadium oxide complex: [Ni(phen)(H2O)]2V4O12. Journal of Coordination Chemistry, 2005, 58, 327-334.	0.8	2
228	ACS Omega: The Inaugural Year in Perspective. ACS Omega, 2017, 2, 4030-4031.	1.6	2
229	ACS Omega 2017: A Year-End Expression of Appreciation for the Fundamental Contributions of Our Reviewers. ACS Omega, 2018, 3, 595-607.	1.6	2
230	Fieldâ€Effect Transistors: Photoâ€Thermalâ€Responsive Fieldâ€Effect Transistor upon Blending Polymeric Semiconductor with Hexaarylbiimidazole toward Photonically Programmable and Thermally Erasable Memory Device (Adv. Mater. 44/2019). Advanced Materials, 2019, 31, 1970315.	11.1	2
231	Glancing Back at a Successful 2018 and Looking Ahead to the New Year: Our Tribute to ACS Omegaâ€™s Authors, Editors, and Reviewers. ACS Omega, 2019, 4, 1700-1702.	1.6	2
232	Unconventional Transformation of the Two Carbonyl Groups in 4,4â€²,5,5â€²-Tetrachloro-10H,10â€²H-[9,9â€²-bianthracenylidene]-10,10â€²-dione into Diallenes. Organic Letters, 2020, 22, 8629-8633.	2.4	2
233	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. ACS Nano, 2020, 14, 5151-5152.	7.3	2
234	Celebrating 5 Years of Open Access with ACS Omega. ACS Omega, 2020, 5, 16986-16986.	1.6	2

#	Article	IF	Citations
235	Confronting Racism in Chemistry Journals. ACS Nano, 2020, 14, 7675-7677.	7.3	2
236	Confronting Racism in Chemistry Journals. Chemical Reviews, 2020, 120, 5795-5797.	23.0	2
237	Green Chemistry: A Framework for a Sustainable Future. ACS Sustainable Chemistry and Engineering, 2021, 9, 8336-8340.	3.2	2
238	Molecular orbital study on antiferromagnetic coupling mechanism in a silver (I) complex. Science Bulletin, 2005, 50, 1999-2004.	4.3	1
239	A mercury(II)-radical complex with a 1D ladder structure. Journal of Coordination Chemistry, 2008, 61, 1325-1332.	0.8	1
240	Inside Cover: Ring Like Octadecanuclear Mixed-valence Manganese Cluster with a Spin Ground State of 20 (Chem. Asian J. 1/2011). Chemistry - an Asian Journal, 2011, 6, 2-2.	1.7	1
241	New Chemo-/Biosensors with Silole and Tetraphenylethene Molecules Based on the Aggregation and Deaggregation Mechanism. , 0, , 165-188.		1
242	Donorâ€“Acceptor Molecules: A Cruciform Electron Donorâ€“Acceptor Semiconductor with Solidâ€State Red Emission: 1D/2D Optical Waveguides and Highly Sensitive/Selective Detection of H₂S Gas (Adv. Funct. Mater. 27/2014). Advanced Functional Materials, 2014, 24, 4376-4376.	7.8	1
243	Crystalline Solids: Tuning the Solid State Emission of the Carbazole and Cyano-Substituted Tetraphenylethylene by Co-Crystallization with Solvents (Small 47/2016). Small, 2016, 12, 6553-6553.	5.2	1
244	Titelbild: Seleniumâ€Substituted Diketopyrrolopyrrole Polymer for Highâ€Performance pâ€Type Organic Thermoelectric Materials (Angew. Chem. 52/2019). Angewandte Chemie, 2019, 131, 18893-18893.	1.6	1
245	An Aâ€Dâ€Aâ€²â€Dâ€A Conjugated Molecule Entailing Diazapentalene Unit for an nâ€Type Organic Semiconductor. Chemistry - an Asian Journal, 2019, 14, 1712-1716.	1.7	1
246	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. ACS Energy Letters, 2020, 5, 1610-1611.	8.8	1
247	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. Environmental Science and Technology Letters, 2020, 7, 280-281.	3.9	1
248	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. Journal of Chemical Education, 2020, 97, 1217-1218.	1.1	1
249	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry Letters, 2020, 11, 5279-5281.	2.1	1
250	Confronting Racism in Chemistry Journals. ACS Central Science, 2020, 6, 1012-1014.	5.3	1
251	Confronting Racism in Chemistry Journals. Journal of the American Society for Mass Spectrometry, 2020, 31, 1321-1323.	1.2	1
252	Confronting Racism in Chemistry Journals. Crystal Growth and Design, 2020, 20, 4201-4203.	1.4	1

#	Article	IF	Citations
253	Confronting Racism in Chemistry Journals. ACS Catalysis, 2020, 10, 7307-7309.	5.5	1
254	Confronting Racism in Chemistry Journals. Journal of the American Chemical Society, 2020, 142, 11319-11321.	6.6	1
255	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry B, 2020, 124, 5335-5337.	1.2	1
256	ACS Omega: 2019 in Hindsight with a 2020 Vision. ACS Omega, 2020, 5, 1726-1729.	1.6	1
257	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Crystal Growth and Design, 2020, 20, 2817-2818.	1.4	1
258	Deepening Our Roots and Growing Wings. ACS Omega, 2021, 6, 4506-4510.	1.6	1
259	Energy Research at ACS in the Age of Open Access. ACS Omega, 2021, 6, 7967-7969.	1.6	1
260	Confronting Racism in Chemistry Journals. ACS Biomaterials Science and Engineering, 2020, 6, 3690-3692.	2.6	1
261	Confronting Racism in Chemistry Journals. ACS Omega, 2020, 5, 14857-14859.	1.6	1
262	Confronting Racism in Chemistry Journals. Molecular Pharmaceutics, 2020, 17, 2229-2231.	2.3	1
263	Confronting Racism in Chemistry Journals. ACS Chemical Neuroscience, 2020, 11, 1852-1854.	1.7	1
264	ACS Omega: 2022 Spring Forward, 2021 Look Backâ€¯. ACS Omega, 2022, 7, 12448-12452.	1.6	1
265	Tuning Proapoptotic Activity of a Phosphoricâ€Acidâ€Tethered Tetraphenylethene by Visibleâ€Lightâ€Triggered Isomerization and Switchable Protein Interactions for Cancer Therapy. Angewandte Chemie, 2022, 134, .	1.6	1
266	Synthesis and Magnetic Characterization of Poly(2, 4-Bis(4, 4, 5, 5-Tetramethyl-4,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td (5-Dihyd Proceedings, 1992, 247, 443.	0.1	0
267	Dispersion study on third-order nonlinear optical properties of organic species with nitronyl nitroxide radical. Journal of Modern Optics, 2002, 49, 1545-1552.	0.6	0
268	Assembly of gold nanoparticles with H10TTPR (3a, 4, 5, 8, 9, 9a,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (10,11-octahydro-2H,3H- 789-792.	1.7	0
269	Synthesis, crystal structure and electrochemical property of 3a,4,5,8,9,9a,10,11â€Octahydroâ€2H,3Hâ€1,6,7,12â€tetrathiaperylene (H₁₀TTPR). Chinese Journal of Chemistry, 2004, 22, 1330-1335.	1.6	0
270	Progress in molecular materials and devices. Science Bulletin, 2013, 58, 2667-2668.	1.7	0

#	Article	IF	Citations
271	Materials Science at the Institute of Chemistry, Chinese Academy of Sciences. Advanced Materials, 2014, 26, 6809-6809.	11.1	0
272	Celebrating the 60th Anniversary of Institute of Chemistry, Chinese Academy of Sciences. Science China Chemistry, 2016, 59, 1229-1230.	4.2	0
273	Special topic on molecular functional materials and applications. Science China Chemistry, 2016, 59, 651-652.	4.2	0
274	Celebrating the 60th Anniversary of the Institute of Chemistry, Chinese Academy of Sciences. Chemistry - an Asian Journal, 2016, 11, 2608-2609.	1.7	0
275	Confronting Racism in Chemistry Journals. ACS Pharmacology and Translational Science, 2020, 3, 559-561.	2.5	0
276	Confronting Racism in Chemistry Journals. Biochemistry, 2020, 59, 2313-2315.	1.2	0
277	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Biomaterials Science and Engineering, 2020, 6, 2707-2708.	2.6	0
278	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Central Science, 2020, 6, 589-590.	5.3	0
279	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Chemical Biology, 2020, 15, 1282-1283.	1.6	0
280	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Chemical Neuroscience, 2020, 11, 1196-1197.	1.7	0
281	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Earth and Space Chemistry, 2020, 4, 672-673.	1.2	0
282	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Macro Letters, 2020, 9, 666-667.	2.3	0
283	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. , 2020, 2, 563-564.		0
284	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Photonics, 2020, 7, 1080-1081.	3.2	0
285	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Pharmacology and Translational Science, 2020, 3, 455-456.	2.5	0
286	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Sustainable Chemistry and Engineering, 2020, 8, 6574-6575.	3.2	0
287	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Analytical Chemistry, 2020, 92, 6187-6188.	3.2	0
288	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Chemistry of Materials, 2020, 32, 3678-3679.	3.2	0

#	Article	IF	Citations
289	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Proteome Research, 2020, 19, 1883-1884.	1.8	0
290	Confronting Racism in Chemistry Journals. Langmuir, 2020, 36, 7155-7157.	1.6	0
291	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Polymer Materials, 2020, 2, 1739-1740.	2.0	0
292	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Combinatorial Science, 2020, 22, 223-224.	3.8	0
293	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Medicinal Chemistry Letters, 2020, 11, 1060-1061.	1.3	0
294	Frontispiz: Pyridiniumâ€Substituted Tetraphenylethylenes Functionalized with Alkyl Chains as Autophagy Modulators for Cancer Therapy. Angewandte Chemie, 2020, 132, .	1.6	0
295	Editorial Confronting Racism in Chemistry Journals. , 2020, 2, 829-831.		0
296	Confronting Racism in Chemistry Journals. ACS Applied Energy Materials, 2020, 3, 6016-6018.	2.5	0
297	Confronting Racism in Chemistry Journals. Industrial & Engineering Chemistry Research, 2020, 59, 11915-11917.	1.8	0
298	Confronting Racism in Chemistry Journals. Journal of Natural Products, 2020, 83, 2057-2059.	1.5	0
299	Confronting Racism in Chemistry Journals. ACS Medicinal Chemistry Letters, 2020, 11, 1354-1356.	1.3	0
300	Confronting Racism in Chemistry Journals. Energy & Fuels, 2020, 34, 7771-7773.	2.5	0
301	Confronting Racism in Chemistry Journals. ACS Sensors, 2020, 5, 1858-1860.	4.0	0
302	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Biochemistry, 2020, 59, 1641-1642.	1.2	0
303	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical & Engineering Data, 2020, 65, 2253-2254.	1.0	0
304	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Organic Process Research and Development, 2020, 24, 872-873.	1.3	0
305	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Omega, 2020, 5, 9624-9625.	1.6	0
306	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Electronic Materials, 2020, 2, 1184-1185.	2.0	0

#	Article	IF	Citations
307	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Physical Chemistry C, 2020, 124, 9629-9630.	1.5	0
308	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Physical Chemistry Letters, 2020, 11, 3571-3572.	2.1	0
309	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Synthetic Biology, 2020, 9, 979-980.	1.9	0
310	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Energy Materials, 2020, 3, 4091-4092.	2.5	0
311	Confronting Racism in Chemistry Journals. Journal of Chemical Theory and Computation, 2020, 16, 4003-4005.	2.3	0
312	Confronting Racism in Chemistry Journals. Journal of Organic Chemistry, 2020, 85, 8297-8299.	1.7	0
313	Confronting Racism in Chemistry Journals. Analytical Chemistry, 2020, 92, 8625-8627.	3.2	0
314	Confronting Racism in Chemistry Journals. Journal of Chemical Education, 2020, 97, 1695-1697.	1.1	0
315	Confronting Racism in Chemistry Journals. Organic Process Research and Development, 2020, 24, 1215-1217.	1.3	0
316	Confronting Racism in Chemistry Journals. ACS Sustainable Chemistry and Engineering, 2020, 8, .	3.2	0
317	Confronting Racism in Chemistry Journals. Chemistry of Materials, 2020, 32, 5369-5371.	3.2	0
318	Confronting Racism in Chemistry Journals. Chemical Research in Toxicology, 2020, 33, 1511-1513.	1.7	0
319	Confronting Racism in Chemistry Journals. Inorganic Chemistry, 2020, 59, 8639-8641.	1.9	0
320	Confronting Racism in Chemistry Journals. ACS Applied Nano Materials, 2020, 3, 6131-6133.	2.4	0
321	Confronting Racism in Chemistry Journals. ACS Applied Polymer Materials, 2020, 2, 2496-2498.	2.0	0
322	Confronting Racism in Chemistry Journals. ACS Chemical Biology, 2020, 15, 1719-1721.	1.6	0
323	Frontispiece: Pyridiniumâ€Substituted Tetraphenylethylenes Functionalized with Alkyl Chains as Autophagy Modulators for Cancer Therapy. Angewandte Chemie - International Edition, 2020, 59, .	7.2	0
324	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Theory and Computation, 2020, 16, 2881-2882.	2.3	0

#	Article	IF	Citations
325	Confronting Racism in Chemistry Journals. Biomacromolecules, 2020, 21, 2543-2545.	2.6	0
326	Confronting Racism in Chemistry Journals. Journal of Medicinal Chemistry, 2020, 63, 6575-6577.	2.9	0
327	Confronting Racism in Chemistry Journals. Macromolecules, 2020, 53, 5015-5017.	2.2	0
328	Confronting Racism in Chemistry Journals. Organometallics, 2020, 39, 2331-2333.	1.1	0
329	Confronting Racism in Chemistry Journals. Accounts of Chemical Research, 2020, 53, 1257-1259.	7.6	0
330	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry A, 2020, 124, 5271-5273.	1.1	0
331	Confronting Racism in Chemistry Journals. ACS Energy Letters, 2020, 5, 2291-2293.	8.8	0
332	Confronting Racism in Chemistry Journals. Journal of Chemical Information and Modeling, 2020, 60, 3325-3327.	2.5	0
333	Confronting Racism in Chemistry Journals. Journal of Proteome Research, 2020, 19, 2911-2913.	1.8	0
334	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Agricultural and Food Chemistry, 2020, 68, 5019-5020.	2.4	0
335	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Physical Chemistry B, 2020, 124, 3603-3604.	1.2	0
336	Confronting Racism in Chemistry Journals. Bioconjugate Chemistry, 2020, 31, 1693-1695.	1.8	0
337	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Nano Materials, 2020, 3, 3960-3961.	2.4	0
338	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Natural Products, 2020, 83, 1357-1358.	1.5	0
339	Confronting Racism in Chemistry Journals. ACS Synthetic Biology, 2020, 9, 1487-1489.	1.9	0
340	Confronting Racism in Chemistry Journals. Journal of Chemical & Engineering Data, 2020, 65, 3403-3405.	1.0	0
341	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Bioconjugate Chemistry, 2020, 31, 1211-1212.	1.8	0
342	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Health and Safety, 2020, 27, 133-134.	1.1	0

#	Article	IF	Citations
343	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Chemical Research in Toxicology, 2020, 33, 1509-1510.	1.7	0
344	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Energy & Fuels, 2020, 34, 5107-5108.	2.5	0
345	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Bio Materials, 2020, 3, 2873-2874.	2.3	0
346	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Organic Chemistry, 2020, 85, 5751-5752.	1.7	0
347	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of the American Society for Mass Spectrometry, 2020, 31, 1006-1007.	1.2	0
348	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Accounts of Chemical Research, 2020, 53, 1001-1002.	7.6	0
349	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Biomacromolecules, 2020, 21, 1966-1967.	2.6	0
350	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Chemical Reviews, 2020, 120, 3939-3940.	23.0	0
351	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Environmental Science & Technology, 2020, 54, 5307-5308.	4.6	0
352	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Langmuir, 2020, 36, 4565-4566.	1.6	0
353	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Molecular Pharmaceutics, 2020, 17, 1445-1446.	2.3	0
354	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Infectious Diseases, 2020, 6, 891-892.	1.8	0
355	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Medicinal Chemistry, 2020, 63, 4409-4410.	2.9	0
356	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Physical Chemistry A, 2020, 124, 3501-3502.	1.1	0
357	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Nano Letters, 2020, 20, 2935-2936.	4.5	0
358	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Sensors, 2020, 5, 1251-1252.	4.0	0
359	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Information and Modeling, 2020, 60, 2651-2652.	2.5	0
360	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Industrial & Engineering Chemistry Research, 2020, 59, 8509-8510.	1.8	0

#	Article	IF	Citations
361	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Inorganic Chemistry, 2020, 59, 5796-5797.	1.9	0
362	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Organometallics, 2020, 39, 1665-1666.	1.1	0
363	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Organic Letters, 2020, 22, 3307-3308.	2.4	0
364	Confronting Racism in Chemistry Journals. ACS ES&T Engineering, 2021, 1, 3-5.	3.7	0
365	Confronting Racism in Chemistry Journals. ACS ES&T Water, 2021, 1, 3-5.	2.3	0
366	Innentitelbild: New Synthetic Approaches to Nâ€Aryl and Ï€â€Expanded Diketopyrrolopyrroles as New Building Blocks for Organic Optoelectronic Materials (Angew. Chem. 19/2021). Angewandte Chemie, 2021, 133, 10526-10526.	1.6	0
367	Confronting Racism in Chemistry Journals. ACS Applied Electronic Materials, 2020, 2, 1774-1776.	2.0	0
368	Confronting Racism in Chemistry Journals. Journal of Agricultural and Food Chemistry, 2020, 68, 6941-6943.	2.4	0
369	Confronting Racism in Chemistry Journals. ACS Earth and Space Chemistry, 2020, 4, 961-963.	1.2	0
370	Confronting Racism in Chemistry Journals. Environmental Science and Technology Letters, 2020, 7, 447-449.	3.9	0
371	Confronting Racism in Chemistry Journals. ACS Combinatorial Science, 2020, 22, 327-329.	3.8	0
372	Confronting Racism in Chemistry Journals. ACS Infectious Diseases, 2020, 6, 1529-1531.	1.8	0
373	Confronting Racism in Chemistry Journals. ACS Applied Bio Materials, 2020, 3, 3925-3927.	2.3	0
374	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry C, 2020, 124, 14069-14071.	1.5	0
375	Confronting Racism in Chemistry Journals. ACS Macro Letters, 2020, 9, 1004-1006.	2.3	0
376	Confronting Racism in Chemistry Journals. ACS Photonics, 2020, 7, 1586-1588.	3.2	0
377	Confronting Racism in Chemistry Journals. Environmental Science & Technology, 2020, 54, 7735-7737.	4.6	0
378	Confronting Racism in Chemistry Journals. Journal of Chemical Health and Safety, 2020, 27, 198-200.	1.1	0

#	Article	IF	Citations
379	From Biosensors to Drug Delivery and Tissue Engineering: Open Biomaterials Research. ACS Omega, 2022, 7, 6437-6438.	1.6	0