

# Qichun Zhang

## List of Publications by Year in descending order

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483  
papers

40,528  
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1238

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523  
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523  
docs citations

523  
times ranked

33592  
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene-Based Materials: Synthesis, Characterization, Properties, and Applications. <i>Small</i> , 2011, 7, 1876-1902.	10.0	2,239
2	Imparting functionality to a metal-organic framework material by controlled nanoparticle encapsulation. <i>Nature Chemistry</i> , 2012, 4, 310-316.	13.6	1,857
3	Preparation of Novel 3D Graphene Networks for Supercapacitor Applications. <i>Small</i> , 2011, 7, 3163-3168.	10.0	980
4	Strained endotaxial nanostructures with high thermoelectric figure of merit. <i>Nature Chemistry</i> , 2011, 3, 160-166.	13.6	911
5	Electrochemical Deposition of ZnO Nanorods on Transparent Reduced Graphene Oxide Electrodes for Hybrid Solar Cells. <i>Small</i> , 2010, 6, 307-312.	10.0	626
6	A Robust Luminescent Tb(III)-MOF with Lewis Basic Pyridyl Sites for the Highly Sensitive Detection of Metal Ions and Small Molecules. <i>Inorganic Chemistry</i> , 2016, 55, 3265-3271.	4.0	516
7	Hydrated Eutectic Electrolytes with Ligand-Oriented Solvation Shells for Long-Cycling Zinc-Organic Batteries. <i>Joule</i> , 2020, 4, 1557-1574.	24.0	429
8	Covalent-Organic Frameworks: Advanced Organic Electrode Materials for Rechargeable Batteries. <i>Advanced Energy Materials</i> , 2020, 10, 1904199.	19.5	425
9	A p-type Ti( $\text{SCp}^{\text{IV}}$ )-based metal-organic framework with visible-light photo-response. <i>Chemical Communications</i> , 2014, 50, 3786-3788.	4.1	424
10	Recent progress in metal-organic frameworks-based hydrogels and aerogels and their applications. <i>Coordination Chemistry Reviews</i> , 2019, 398, 213016.	18.8	414
11	Recent progress in non-fullerene small molecule acceptors in organic solar cells (OSCs). <i>Journal of Materials Chemistry C</i> , 2017, 5, 1275-1302.	5.5	375
12	Recent progress in metal-organic frameworks as active materials for supercapacitors. <i>EnergyChem</i> , 2020, 2, 100025.	19.1	326
13	Recent Progress in Multivalent Metal (Mg, Zn, Ca, and Al) and Metal-Ion Rechargeable Batteries with Organic Materials as Promising Electrodes. <i>Small</i> , 2019, 15, e1805061.	10.0	320
14	Lanthanide-Doped $\text{NaScF}_3$ Nanocrystals: Crystal Structure Evolution and Multicolor Tuning. <i>Journal of the American Chemical Society</i> , 2012, 134, 8340-8343.	13.7	315
15	Reducing aggregation caused quenching effect through co-assembly of PAH chromophores and molecular barriers. <i>Nature Communications</i> , 2019, 10, 169.	12.8	303
16	Surfactants as promising media in the field of metal-organic frameworks. <i>Coordination Chemistry Reviews</i> , 2019, 391, 30-43.	18.8	296
17	Surfactants as Promising Media for the Preparation of Crystalline Inorganic Materials. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 11616-11623.	13.8	295
18	Nanostructured Conjugated Polymers: Toward High-Performance Organic Electrodes for Rechargeable Batteries. <i>ACS Energy Letters</i> , 2017, 2, 1985-1996.	17.4	289

#	ARTICLE	IF	CITATIONS
19	Growing Crystalline Chalcogenidoarsenates in Surfactants: From Zero-Dimensional Cluster to Three-Dimensional Framework. <i>Journal of the American Chemical Society</i> , 2013, 135, 1256-1259.	13.7	273
20	Recent Progress on Two-Dimensional Materials. <i>Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica</i> , 2021, .	4.9	269
21	Recent progress in rechargeable lithium batteries with organic materials as promising electrodes. <i>Journal of Materials Chemistry A</i> , 2016, 4, 7091-7106.	10.3	259
22	Nanostructured Conjugated Ladder Polymers for Stable and Fast Lithium Storage Anodes with High Capacity. <i>Advanced Energy Materials</i> , 2015, 5, 1402189.	19.5	253
23	Recent progress in metal-organic polymers as promising electrodes for lithium/sodium rechargeable batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 4259-4290.	10.3	249
24	A water-stable Tb(III)-based metal-organic gel (MOG) for detection of antibiotics and explosives. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 120-126.	6.0	248
25	Recent progress in two-dimensional COFs for energy-related applications. <i>Journal of Materials Chemistry A</i> , 2017, 5, 14463-14479.	10.3	243
26	Recent Advances on Functionalized Upconversion Nanoparticles for Detection of Small Molecules and Ions in Biosystems. <i>Advanced Science</i> , 2018, 5, 1700609.	11.2	242
27	Chalcogenide Chemistry in Ionic Liquids: Nonlinear Optical Wave-Mixing Properties of the Double-Cubane Compound [Sb <sub>7</sub> S <sub>8</sub> Br <sub>2</sub> ](AlCl <sub>4</sub> ) <sub>3</sub> . <i>Journal of the American Chemical Society</i> , 2009, 131, 9896-9897.	13.7	239
28	New synthetic strategies to prepare metal-organic frameworks. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 2693-2708.	6.0	235
29	Pushing Up Lithium Storage through Nanostructured Polyazaacene Analogues as Anode. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7354-7358.	13.8	234
30	Organic Cocrystals: Beyond Electrical Conductivities and Field-Effect Transistors (FETs). <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9696-9711.	13.8	234
31	Recent advances in vacancy engineering of metal-organic frameworks and their derivatives for electrocatalysis. <i>SusMat</i> , 2021, 1, 66-87.	14.9	230
32	Recent Progress in Metal-Free Covalent Organic Frameworks as Heterogeneous Catalysts. <i>Small</i> , 2020, 16, e2001070.	10.0	229
33	Linearly Fused Azaacenes: Novel Approaches and New Applications Beyond Field-Effect Transistors (FETs). <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 28049-28062.	8.0	228
34	Synthesis, Characterization, Physical Properties, and OLED Application of Single BN-Fused Perylene Diimide. <i>Journal of Organic Chemistry</i> , 2015, 80, 196-203.	3.2	227
35	A Multifunctional Tb-MOF for Highly Discriminative Sensing of Eu <sup>3+</sup> /Dy <sup>3+</sup> and as a Catalyst Support of Ag Nanoparticles. <i>Small</i> , 2017, 13, 1602996.	10.0	227
36	Two (3,6)-connected porous metal-organic frameworks based on linear trinuclear [Co <sub>3</sub> (COO) <sub>6</sub> ] and paddlewheel dinuclear [Cu <sub>2</sub> (COO) <sub>4</sub> ] SBUs: gas adsorption, photocatalytic behaviour, and magnetic properties. <i>Journal of Materials Chemistry A</i> , 2015, 3, 6962-6969.	10.3	213

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37	From isolated Ti-oxo clusters to infinite Ti-oxo chains and sheets: recent advances in photoactive Ti-based MOFs. <i>Journal of Materials Chemistry A</i> , 2020, 8, 15245-15270.	10.3	209
38	Highly Conductive Two-Dimensional Metal-Organic Frameworks for Resilient Lithium Storage with Superb Rate Capability. <i>ACS Nano</i> , 2020, 14, 12016-12026.	14.6	207
39	Living and Conducting: Coating Individual Bacterial Cells with In Situ Formed Polypyrrole. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10516-10520.	13.8	206
40	Recent Progress in Organic Electron Transport Materials in Inverted Perovskite Solar Cells. <i>Small</i> , 2019, 15, e1900854.	10.0	205
41	Synthesis, Characterization, and Nonvolatile Ternary Memory Behavior of a Larger Heteroacene with Nine Linearly Fused Rings and Two Different Heteroatoms. <i>Journal of the American Chemical Society</i> , 2013, 135, 14086-14089.	13.7	201
42	<i>In situ</i> synthesis of $\text{Bi}_2\text{MoO}_6$ & $\text{Bi}_2\text{S}_3$ heterojunctions for highly efficient photocatalytic removal of $\text{Cr}(\text{VI})$ . <i>Journal of Materials Chemistry A</i> , 2018, 6, 22580-22589.	10.3	200
43	Synthesis and Structure Characterization of a Stable Nonatwistacene. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6094-6098.	13.8	199
44	Recent progress on organic donor-acceptor complexes as active elements in organic field-effect transistors. <i>Journal of Materials Chemistry C</i> , 2018, 6, 3485-3498.	5.5	192
45	Label-free, electrochemical detection of methicillin-resistant staphylococcus aureus DNA with reduced graphene oxide-modified electrodes. <i>Biosensors and Bioelectronics</i> , 2011, 26, 3881-3886.	10.1	191
46	Efficient Synthesis of a Novel, Twisted and Stable, Electroluminescent $\alpha$ -Twistacene. <i>Organic Letters</i> , 2003, 5, 4433-4436.	4.6	190
47	Toward a High-Performance All-Plastic Full Battery with a Single Organic Polymer as Both Cathode and Anode. <i>Advanced Energy Materials</i> , 2018, 8, 1703509.	19.5	189
48	Recent Progress in Stimulus-Responsive Two-Dimensional Metal-Organic Frameworks. , 2020, 2, 779-797.		187
49	Real-time DNA detection using Pt nanoparticle-decorated reduced graphene oxide field-effect transistors. <i>Nanoscale</i> , 2012, 4, 293-297.	5.6	185
50	A perylene diimide (PDI)-based small molecule with tetrahedral configuration as a non-fullerene acceptor for organic solar cells. <i>Journal of Materials Chemistry C</i> , 2015, 3, 4698-4705.	5.5	180
51	Recent Progress in Thermoelectric Materials Based on Conjugated Polymers. <i>Polymers</i> , 2019, 11, 107.	4.5	176
52	Improving Interfacial Charge Recombination in Planar Heterojunction Perovskite Photovoltaics with Small Molecule as Electron Transport Layer. <i>Advanced Energy Materials</i> , 2017, 7, 1700522.	19.5	173
53	Porous Cobalt Metal-Organic Frameworks as Active Elements in Battery-Supercapacitor Hybrid Devices. <i>Inorganic Chemistry</i> , 2020, 59, 6808-6814.	4.0	171
54	Pushing up the efficiency of planar perovskite solar cells to 18.2% with organic small molecules as the electron transport layer. <i>Journal of Materials Chemistry A</i> , 2017, 5, 7339-7344.	10.3	170

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55	Morphology regulation of metal-organic framework-derived nanostructures for efficient oxygen evolution electrocatalysis. <i>Journal of Materials Chemistry A</i> , 2020, 8, 18215-18219.	10.3	168
56	2D Metal-Organic Frameworks (MOFs) for High-Performance BatCap Hybrid Devices. <i>Small</i> , 2020, 16, e2001987.	10.0	166
57	Polypyrrole nanotube film for flexible thermoelectric application. <i>Synthetic Metals</i> , 2014, 196, 173-177.	3.9	165
58	Flexible carbon nanotube papers with improved thermoelectric properties. <i>Energy and Environmental Science</i> , 2012, 5, 5364-5369.	30.8	164
59	Inorganic-organic hybrid polymer with multiple redox for high-density data storage. <i>Chemical Science</i> , 2014, 5, 3404-3408.	7.4	164
60	Self-Healing Behavior in a Thermo-Mechanically Responsive Cocrystal during a Reversible Phase Transition. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 198-202.	13.8	164
61	Enhancing Oxygen Evolution Reaction through Modulating Electronic Structure of Trimetallic Electrocatalysts Derived from Metal-Organic Frameworks. <i>Small</i> , 2019, 15, e1901940.	10.0	163
62	Solution-processed nitrogen-rich graphene-like holey conjugated polymer for efficient lithium ion storage. <i>Nano Energy</i> , 2017, 41, 117-127.	16.0	159
63	Two-Dimensional (2D) Covalent Organic Framework as Efficient Cathode for Binder-free Lithium-ion Battery. <i>ChemSusChem</i> , 2020, 13, 2457-2463.	6.8	159
64	Growing Crystalline Zinc-1,3,5-benzenetricarboxylate Metal-Organic Frameworks in Different Surfactants. <i>Inorganic Chemistry</i> , 2014, 53, 691-693.	4.0	158
65	Carbon Nanotube-Encapsulated Noble Metal Nanoparticle Hybrid as a Cathode Material for Li-Oxygen Batteries. <i>Advanced Functional Materials</i> , 2014, 24, 6516-6523.	14.9	157
66	PDI Derivative through Fine-Tuning the Molecular Structure for Fullerene-Free Organic Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 29924-29931.	8.0	154
67	Recent progress in crystalline metal chalcogenides as efficient photocatalysts for organic pollutant degradation. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 1953-1962.	6.0	154
68	New strategies to prepare crystalline chalcogenides. <i>Inorganic Chemistry Frontiers</i> , 2014, 1, 292.	6.0	150
69	Electrochromic two-dimensional covalent organic framework with a reversible dark-to-transparent switch. <i>Nature Communications</i> , 2020, 11, 5534.	12.8	149
70	Recent progress in organic resistance memory with small molecules and inorganic-organic hybrid polymers as active elements. <i>Journal of Materials Chemistry C</i> , 2015, 3, 10055-10065.	5.5	148
71	Recent Progress in External-Stimulus-Responsive 2D Covalent Organic Frameworks. <i>Advanced Materials</i> , 2022, 34, e2101175.	21.0	148
72	Non-Metal Ion Co-Insertion Chemistry in Aqueous Zn/MnO <sub>2</sub> Batteries. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7056-7060.	13.8	146

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73	An Azaacene Derivative as Promising Electron Transport Layer for Inverted Perovskite Solar Cells. Chemistry - an Asian Journal, 2016, 11, 2135-2138.	3.3	144
74	Synthesis, Structure, and Air-Stable N-Type Field-Effect Transistor Behaviors of Functionalized Octaazanonacene <sub>8,19</sub> dione. Angewandte Chemie - International Edition, 2015, 54, 6292-6296.	13.8	143
75	Poly(2,5-Dihydroxy-1,4-Benzoquinonyl Sulfide) As an Efficient Cathode for High-Performance Aqueous Zinc Organic Batteries. Advanced Functional Materials, 2021, 31, 2010049.	14.9	143
76	A new surfactant-introduction strategy for separating the pure single-phase of metal-organic frameworks. Chemical Communications, 2015, 51, 9479-9482.	4.1	142
77	Photostimulus-Responsive Large-Area Two-Dimensional Covalent Organic Framework Films. Angewandte Chemie - International Edition, 2019, 58, 16101-16104.	13.8	141
78	Carbon and carbon composites for thermoelectric applications. , 2020, 2, 408-436.		141
79	Surfactant Media To Grow New Crystalline Cobalt 1,3,5-Benzenetricarboxylate Metal-Organic Frameworks. Inorganic Chemistry, 2014, 53, 8529-8537.	4.0	140
80	Perovskite-Based Nanocrystals: Synthesis and Applications beyond Solar Cells. Small Methods, 2018, 2, 1700380.	8.6	140
81	Fe-Based Coordination Polymers as Battery-Type Electrodes in Semi-Solid-State Battery-Supercapacitor Hybrid Devices. ACS Applied Materials & Interfaces, 2021, 13, 15315-15323.	8.0	139
82	Enhanced Catalytic Reduction of <i>p</i> -Nitrophenol on Ultrathin MoS <sub>2</sub> Nanosheets Decorated with Noble Metal Nanoparticles. Crystal Growth and Design, 2017, 17, 3538-3547.	3.0	138
83	Nanostructured Conjugated Polymers for Energy-Related Applications beyond Solar Cells. Chemistry - an Asian Journal, 2016, 11, 1489-1511.	3.3	137
84	Employing a Flexible and Low-Cost Polypyrrole Nanotube Membrane as an Anode to Enhance Current Generation in Microbial Fuel Cells. Small, 2015, 11, 3440-3443.	10.0	136
85	Solvothermal in Situ Ligand Synthesis through Disulfide Cleavage: A 3D (3,4)-Connected and 2D Square-Grid-Type Coordination Polymers. Inorganic Chemistry, 2006, 45, 5736-5738.	4.0	135
86	Assembly of Two Novel Cd <sub>3</sub> /(Cd <sub>3</sub> + Cd <sub>5</sub> )-Cluster-Based Metal-Organic Frameworks: Structures, Luminescence, and Photocatalytic Degradation of Organic Dyes. Crystal Growth and Design, 2016, 16, 2309-2316.	3.0	135
87	Recent progress in carbonyl-based organic polymers as promising electrode materials for lithium-ion batteries (LIBs). Journal of Materials Chemistry A, 2020, 8, 11906-11922.	10.3	134
88	Synthesis, Full Characterization, and Field Effect Transistor Behavior of a Stable Pyrene-Fused <i>N</i> -Heteroacene with Twelve Linearly Annulated Six-Membered Rings. Chemistry of Materials, 2017, 29, 4172-4175.	6.7	131
89	Advances in metal-organic frameworks and their derivatives for diverse electrocatalytic applications. Electrochemistry Communications, 2021, 126, 107024.	4.7	131
90	Nanostructured potassium-organic framework as an effective anode for potassium-ion batteries with a long cycle life. Nanoscale, 2020, 12, 7870-7874.	5.6	129

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91	Azaacenes as active elements for sensing and bio applications. <i>Journal of Materials Chemistry B</i> , 2016, 4, 7060-7074.	5.8	128
92	Recent Advance in Ionic-Liquid-Based Electrolytes for Rechargeable Metal-Ion Batteries. <i>Advanced Science</i> , 2021, 8, 2004490.	11.2	128
93	Pyrene-fused Acenes and Azaacenes: Synthesis and Applications. <i>Chemical Record</i> , 2016, 16, 1518-1530.	5.8	127
94	Tuning metal-carboxylate coordination in crystalline metal-organic frameworks through surfactant media. <i>Journal of Solid State Chemistry</i> , 2013, 206, 27-31.	2.9	126
95	Hydrazine-hydrothermal method to synthesize three-dimensional chalcogenide framework for photocatalytic hydrogen generation. <i>Journal of Solid State Chemistry</i> , 2010, 183, 2644-2649.	2.9	125
96	Postchemistry of Organic Particles: When TTF Microparticles Meet TCNQ Microstructures in Aqueous Solution. <i>Journal of the American Chemical Society</i> , 2010, 132, 6926-6928.	13.7	125
97	Recent advances in organic-based materials for resistive memory applications. <i>Informa-Materially</i> , 2020, 2, 995-1033.	17.3	125
98	Reduced graphene oxide films used as matrix of MALDI-TOF-MS for detection of octachlorodibenzo-p-dioxin. <i>Chemical Communications</i> , 2010, 46, 6974.	4.1	124
99	Synthesis, Characterization, and Non-Volatile Memory Device Application of an N-Substituted Heteroacene. <i>Chemistry - an Asian Journal</i> , 2014, 9, 779-783.	3.3	123
100	Ni- and/or Mn-based layered transition metal oxides as cathode materials for sodium ion batteries: status, challenges and countermeasures. <i>Journal of Materials Chemistry A</i> , 2019, 7, 10138-10158.	10.3	123
101	Synthesis, Physical Properties, and Light-Emitting Diode Performance of Phenazine-Based Derivatives with Three, Five, and Nine Fused Six-Membered Rings. <i>Journal of Organic Chemistry</i> , 2015, 80, 3030-3035.	3.2	122
102	Synthesis, structure, and optoelectronic properties of a new twistacene 1,2,3,4,6,13-hexaphenyl-7,11-bisbenzo-pentacene. <i>Journal of Materials Chemistry</i> , 2010, 20, 8167. <sup>121</sup>	6.7	121
103	Synthesis and Physical Properties of Four Hexazapentacene Derivatives. <i>Journal of the American Chemical Society</i> , 2012, 134, 20298-20301.	13.7	121
104	Kinetically Controlling Phase Transformations of Crystalline Mercury Selenidostannates through Surfactant Media. <i>Inorganic Chemistry</i> , 2013, 52, 4148-4150.	4.0	121
105	Synthesis and Nonvolatile Memory Behaviors of Dioxatetraazapentacene Derivatives. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 6458-6462.	8.0	121
106	A surfactant-thermal method to prepare four new three-dimensional heterometal-organic frameworks. <i>Dalton Transactions</i> , 2013, 42, 11367.	3.3	119
107	Crystal Structure and Phototransistor Behavior of N-Substituted Heptacene. <i>ACS Applied Materials &amp; Interfaces</i> , 2012, 4, 1883-1886.	8.0	118
108	Different modulation of Panax notoginseng on the absorption profiling of triptolide and tripterine from <i>Tripterygium wilfordii</i> in rat intestine. <i>Chinese Medicine</i> , 2018, 13, 1.	4.0	118

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109	Recent progress on pristine two-dimensional metal-organic frameworks as active components in supercapacitors. Dalton Transactions, 2021, 50, 11331-11346.	3.3	118
110	Synthesis in Ionic Liquids: [Bi <sub>2</sub> Te <sub>2</sub> Br](AlCl <sub>4</sub> ), a Direct Gap Semiconductor with a Cationic Framework. Journal of the American Chemical Society, 2010, 132, 14760-14762.	13.7	116
111	Preparation, characterization, and photoswitching/light-emitting behaviors of coronene nanowires. Journal of Materials Chemistry, 2011, 21, 1423-1427.	6.7	116
112	A Rare (3,4)-Connected Chalcogenide Superlattice and Its Photoelectric Effect. Angewandte Chemie - International Edition, 2008, 47, 113-116.	13.8	114
113	Rhodamine-Modified Upconversion Nanophosphors for Ratiometric Detection of Hypochlorous Acid in Aqueous Solution and Living Cells. Small, 2014, 10, 3560-3567.	10.0	114
114	A large pyrene-fused N-heteroacene: fifteen aromatic six-membered rings annulated in one row. Chemical Communications, 2017, 53, 7772-7775.	4.1	114
115	Synthesis, Physical Properties, and Anion Recognition of Two Novel Larger Azaacenes: Benzannelated Hexazaheptacene and Benzannelated Dihydrohexazaheptacene. Chemistry - an Asian Journal, 2013, 8, 1574-1578.	3.3	113
116	Synthesis, Structure, and Physical Properties of 5,7,14,16-Tetraphenyl-8,9,12:13-bisbenzo-hexatwistacene. Chemistry - an Asian Journal, 2012, 7, 561-564.	3.3	112
117	A Highly Stable, New Electrochromic Polymer: Poly(1,4-bis(2-(3,4-ethylenedioxy)) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	14.9	111
118	Synthesis, Characterization, and Bipolar Transporting Behavior of a New Twisted Polycyclic Aromatic Hydrocarbon: 1,4-Diphenyl-naphtho(2,3-b)pyrene-6-nitro-7-methyl Carboxylate. Chemistry - A European Journal, 2010, 16, 7422-7426.	14.9	111
119	Approaching a stable, green twisted heteroacene through a clean reaction strategy. Chemical Communications, 2012, 48, 5974.	4.1	110
120	Improving charge collection in Escherichia coli-carbon electrode devices with conjugated oligoelectrolytes. Physical Chemistry Chemical Physics, 2013, 15, 5867.	2.8	110
121	Chiral Semiconductor Frameworks from Cadmium Sulfide Clusters. Journal of the American Chemical Society, 2007, 129, 8412-8413.	13.7	107
122	Ultrafine Pt Nanoparticles and Amorphous Nickel Supported on 3D Mesoporous Carbon Derived from Cu-Metal-Organic Framework for Efficient Methanol Oxidation and Nitrophenol Reduction. ACS Applied Materials & Interfaces, 2018, 10, 12740-12749.	8.0	106
123	Crystalline Superlattices from Single-Sized Quantum Dots. Journal of the American Chemical Society, 2005, 127, 11963-11965.	13.7	105
124	Investigating thermoelectric properties of doped polyaniline nanowires. Synthetic Metals, 2014, 189, 177-182.	3.9	105
125	An irreversible electrolyte anion-doping strategy toward a superior aqueous Zn-organic battery. Energy Storage Materials, 2020, 33, 283-289.	18.0	103
126	A Polar and Chiral Indium Telluride Featuring Supertetrahedral T <sub>2</sub> Clusters and Nonlinear Optical Second Harmonic Generation. Chemistry of Materials, 2009, 21, 12-14.	6.7	102



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127	Threading Chalcogenide Layers with Polymer Chains. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 546-550.	13.8	102
128	Recent progress in efficient organic two-photon dyes for fluorescence imaging and photodynamic therapy. <i>Journal of Materials Chemistry C</i> , 2020, 8, 6342-6349.	5.5	102
129	Molecular-Barrier-Enhanced Aromatic Fluorophores in Cocrystals with Unity Quantum Efficiency. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1928-1932.	13.8	100
130	"Clean Reaction" Strategy to Approach a Stable, Green Heptatwistacene Containing a Single Terminal Pyrene Unit. <i>Chemistry - an Asian Journal</i> , 2012, 7, 672-675.	3.3	98
131	Organization of Tetrahedral Chalcogenide Clusters Using a Tetrahedral Quadridentate Linker. <i>Inorganic Chemistry</i> , 2008, 47, 9724-9726.	4.0	96
132	Synthesis, Characterization, and Physical Properties of a Conjugated Heteroacene: 2-Methyl-1,4,6,7,8,9-hexaphenylbenzo[ <i>g</i> ]isoquinolin-3(2 <i>H</i> )-one (BIQ). <i>Chemistry - an Asian Journal</i> , 2011, 6, 856-862.	3.3	95
133	Pillar[5]quinone-Carbon Nanocomposites as High-Capacity Cathodes for Sodium-Ion Batteries. <i>Chemistry of Materials</i> , 2019, 31, 8069-8075.	6.7	95
134	Synthesis, Characterization, Self-Assembly, and Physical Properties of 11-Methylbenzo[ <i>d</i> ]pyreno[4,5- <i>b</i> ]furan. <i>Organic Letters</i> , 2011, 13, 3004-3007.	4.6	94
135	Mono- and Oligocyclic Aromatic Ynes and Dynes as Building Blocks to Approach Larger Acenes, Heteroacenes, and Twistacenes. <i>Synlett</i> , 2013, 24, 686-696.	1.8	93
136	4-Diphenylamino-phenyl substituted pyrazine: nonlinear optical switching by protonation. <i>Journal of Materials Chemistry C</i> , 2015, 3, 9191-9196.	5.5	93
137	Shape-Controlled Micro/Nanostructures of 9,10-Diphenylanthracene (DPA) and Their Application in Light-Emitting Devices. <i>Journal of Physical Chemistry C</i> , 2011, 115, 7924-7927.	3.1	92
138	Chemical Reaction Between Ag Nanoparticles and TCNQ Microparticles in Aqueous Solution. <i>Small</i> , 2011, 7, 1242-1246.	10.0	92
139	Temperature-Controlled Synthesis of Porous CuO Particles with Different Morphologies for Highly Sensitive Detection of Triethylamine. <i>Crystal Growth and Design</i> , 2017, 17, 2158-2165.	3.0	92
140	Inorganic-Organic Hybrid Nanoprobe for NIR-Excited Imaging of Hydrogen Sulfide in Cell Cultures and Inflammation in a Mouse Model. <i>Small</i> , 2014, 10, 4874-4885.	10.0	89
141	Switching charge-transfer characteristics from p-type to n-type through molecular "doping" (co-crystallization). <i>Chemical Science</i> , 2016, 7, 3851-3856.	7.4	89
142	Boosting the performance of organic cathodes through structure tuning. <i>Journal of Materials Chemistry A</i> , 2018, 6, 12985-12991.	10.3	87
143	Flavonoids extracted from mulberry ( <i>Morus alba</i> L.) leaf improve skeletal muscle mitochondrial function by activating AMPK in type 2 diabetes. <i>Journal of Ethnopharmacology</i> , 2020, 248, 112326.	4.1	87
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