

# Yanli Zhao

## List of Publications by Year in descending order

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543  
papers

44,441  
citations

1377

111  
h-index

4035

182  
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569  
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569  
docs citations

569  
times ranked

44878  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomedical Applications of Supramolecular Systems Based on Host-Guest Interactions. <i>Chemical Reviews</i> , 2015, 115, 7794-7839.	23.0	980
2	Ultrathin 2D Metal-Organic Framework Nanosheets. <i>Advanced Materials</i> , 2015, 27, 7372-7378.	11.1	943
3	Covalent Organic Frameworks for CO <sub>2</sub> Capture. <i>Advanced Materials</i> , 2016, 28, 2855-2873.	11.1	873
4	Pseudocapacitive Na-Ion Storage Boosts High Rate and Areal Capacity of Self-Branched 2D Layered Metal Chalcogenide Nanoarrays. <i>ACS Nano</i> , 2016, 10, 10211-10219.	7.3	844
5	Versatile Polydopamine Platforms: Synthesis and Promising Applications for Surface Modification and Advanced Nanomedicine. <i>ACS Nano</i> , 2019, 13, 8537-8565.	7.3	670
6	Noncovalent Functionalization of Single-Walled Carbon Nanotubes. <i>Accounts of Chemical Research</i> , 2009, 42, 1161-1171.	7.6	654
7	Mechanized Silica Nanoparticles: A New Frontier in Theranostic Nanomedicine. <i>Accounts of Chemical Research</i> , 2011, 44, 903-913.	7.6	584
8	Autonomous in Vitro Anticancer Drug Release from Mesoporous Silica Nanoparticles by pH-Sensitive Nanovalves. <i>Journal of the American Chemical Society</i> , 2010, 132, 12690-12697.	6.6	550
9	Charge-Convertible Carbon Dots for Imaging-Guided Drug Delivery with Enhanced <i>in Vivo</i> Cancer Therapeutic Efficiency. <i>ACS Nano</i> , 2016, 10, 4410-4420.	7.3	543
10	Heterogeneous Catalysis in Zeolites, Mesoporous Silica, and Metal-Organic Frameworks. <i>Advanced Materials</i> , 2017, 29, 1701139.	11.1	522
11	Ultralong room temperature phosphorescence from amorphous organic materials toward confidential information encryption and decryption. <i>Science Advances</i> , 2018, 4, eaas9732.	4.7	515
12	A Triazole-Containing Metal-Organic Framework as a Highly Effective and Substrate Size-Dependent Catalyst for CO <sub>2</sub> Conversion. <i>Journal of the American Chemical Society</i> , 2016, 138, 2142-2145.	6.6	504
13	Light-Operated Mechanized Nanoparticles. <i>Journal of the American Chemical Society</i> , 2009, 131, 1686-1688.	6.6	482
14	Graphene-Based Microbots for Toxic Heavy Metal Removal and Recovery from Water. <i>Nano Letters</i> , 2016, 16, 2860-2866.	4.5	473
15	A p-type Ti( <i>iv</i> )-based metal-organic framework with visible-light photo-response. <i>Chemical Communications</i> , 2014, 50, 3786-3788.	2.2	424
16	Ultrathin ZnIn <sub>2</sub> S <sub>4</sub> Nanosheets Anchored on Ti <sub>3</sub> C <sub>2</sub> T <sub>X</sub> MXene for Photocatalytic H <sub>2</sub> Evolution. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11287-11292.	7.2	416
17	Nanoscale covalent organic frameworks as smart carriers for drug delivery. <i>Chemical Communications</i> , 2016, 52, 4128-4131.	2.2	384
18	Carbon Quantum Dot Implanted Graphite Carbon Nitride Nanotubes: Excellent Charge Separation and Enhanced Photocatalytic Hydrogen Evolution. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5765-5771.	7.2	372

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19	Docking in Metal-Organic Frameworks. <i>Science</i> , 2009, 325, 855-859.	6.0	360
20	Self-assembled single-atom nanozyme for enhanced photodynamic therapy treatment of tumor. <i>Nature Communications</i> , 2020, 11, 357.	5.8	339
21	Azobenzene-Based Light-Responsive Hydrogel System. <i>Langmuir</i> , 2009, 25, 8442-8446.	1.6	325
22	Molecular Engineering for Metal-Free Amorphous Materials with Room-Temperature Phosphorescence. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11206-11216.	7.2	322
23	Metal-Organic Framework Derived Nanozymes in Biomedicine. <i>Accounts of Chemical Research</i> , 2020, 53, 1389-1400.	7.6	308
24	Integrating Suitable Linkage of Covalent Organic Frameworks into Covalently Bridged Inorganic/Organic Hybrids toward Efficient Photocatalysis. <i>Journal of the American Chemical Society</i> , 2020, 142, 4862-4871.	6.6	304
25	pH-Operated Nanopistons on the Surfaces of Mesoporous Silica Nanoparticles. <i>Journal of the American Chemical Society</i> , 2010, 132, 13016-13025.	6.6	296
26	Catalase-Integrated Hyaluronic Acid as Nanocarriers for Enhanced Photodynamic Therapy in Solid Tumor. <i>ACS Nano</i> , 2019, 13, 4742-4751.	7.3	293
27	Functional Mesoporous Silica Nanoparticles for Photothermal-Controlled Drug Delivery In Vivo. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8373-8377.	7.2	290
28	Solutions to the Drawbacks of Photothermal and Photodynamic Cancer Therapy. <i>Advanced Science</i> , 2021, 8, 2002504.	5.6	285
29	A Mesoporous Nanoenzyme Derived from Metal-Organic Frameworks with Endogenous Oxygen Generation to Alleviate Tumor Hypoxia for Significantly Enhanced Photodynamic Therapy. <i>Advanced Materials</i> , 2019, 31, e1901893.	11.1	282
30	Multifunctional Mesoporous Silica Nanoparticles for Cancer-Targeted and Controlled Drug Delivery. <i>Advanced Functional Materials</i> , 2012, 22, 5144-5156.	7.8	281
31	Color-tunable ultralong organic room temperature phosphorescence from a multicomponent copolymer. <i>Nature Communications</i> , 2020, 11, 944.	5.8	278
32	Covalent Organic Frameworks Formed with Two Types of Covalent Bonds Based on Orthogonal Reactions. <i>Journal of the American Chemical Society</i> , 2015, 137, 1020-1023.	6.6	276
33	Degradability and Clearance of Inorganic Nanoparticles for Biomedical Applications. <i>Advanced Materials</i> , 2019, 31, e1805730.	11.1	267
34	A Hypoxia-Responsive Albumin-Based Nanosystem for Deep Tumor Penetration and Excellent Therapeutic Efficacy. <i>Advanced Materials</i> , 2019, 31, e1901513.	11.1	263
35	Pillararene-based self-assembled amphiphiles. <i>Chemical Society Reviews</i> , 2018, 47, 5491-5528.	18.7	258
36	Controlling Supramolecular Chirality in Multicomponent Self-Assembled Systems. <i>Accounts of Chemical Research</i> , 2018, 51, 2324-2334.	7.6	255

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37	Immobilizing Gold Nanoparticles in Mesoporous Silica Covered Reduced Graphene Oxide: A Hybrid Material for Cancer Cell Detection through Hydrogen Peroxide Sensing. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 13648-13656.	4.0	253
38	Lithiation-induced amorphization of Pd <sub>3</sub> P <sub>2</sub> S <sub>8</sub> for highly efficient hydrogen evolution. <i>Nature Catalysis</i> , 2018, 1, 460-468.	16.1	247
39	Titanium-based metal-organic frameworks for photocatalytic applications. <i>Coordination Chemistry Reviews</i> , 2018, 359, 80-101.	9.5	246
40	Excitation-Dependent Long-Life Luminescent Polymeric Systems under Ambient Conditions. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9967-9971.	7.2	242
41	Biocompatible, Uniform, and Redispersible Mesoporous Silica Nanoparticles for Cancer-Targeted Drug Delivery In Vivo. <i>Advanced Functional Materials</i> , 2014, 24, 2450-2461.	7.8	238
42	Supramolecular Adhesive Hydrogels for Tissue Engineering Applications. <i>Chemical Reviews</i> , 2022, 122, 5604-5640.	23.0	238
43	Large-Area, Flexible, Transparent, and Long-Lived Polymer-Based Phosphorescence Films. <i>Journal of the American Chemical Society</i> , 2021, 143, 13675-13685.	6.6	237
44	A Preloaded Amorphous Calcium Carbonate/Doxorubicin@Silica Nanoreactor for pH-Responsive Delivery of an Anticancer Drug. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 919-922.	7.2	222
45	Biocompatible Pillararene-Assembly-Based Carriers for Dual Bioimaging. <i>ACS Nano</i> , 2013, 7, 7853-7863.	7.3	219
46	Engineering a Hollow Nanocontainer Platform with Multifunctional Molecular Machines for Tumor-Targeted Therapy <i>in Vitro</i> and <i>in Vivo</i> . <i>ACS Nano</i> , 2013, 7, 10271-10284.	7.3	212
47	Pillararene-Based Assemblies: Design Principle, Preparation and Applications. <i>Chemistry - A European Journal</i> , 2013, 19, 16862-16879.	1.7	202
48	Tumor microenvironment-activatable Fe-doxorubicin preloaded amorphous CaCO <sub>3</sub> nanoformulation triggers ferroptosis in target tumor cells. <i>Science Advances</i> , 2020, 6, eaax1346.	4.7	200
49	Polymer-Coated Hollow Mesoporous Silica Nanoparticles for Triple-Responsive Drug Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 18179-18187.	4.0	198
50	Ultrasmall Phosphorescent Polymer Dots for Ratiometric Oxygen Sensing and Photodynamic Cancer Therapy. <i>Advanced Functional Materials</i> , 2014, 24, 4823-4830.	7.8	197
51	Ultraviolet irradiation-responsive dynamic ultralong organic phosphorescence in polymeric systems. <i>Nature Communications</i> , 2021, 12, 2297.	5.8	196
52	Photoresponsive Luminescent Polymeric Hydrogels for Reversible Information Encryption and Decryption. <i>Advanced Science</i> , 2019, 6, 1901529.	5.6	193
53	Graphene Oxide Wrapping on Squaraine-Loaded Mesoporous Silica Nanoparticles for Bioimaging. <i>Journal of the American Chemical Society</i> , 2012, 134, 17346-17349.	6.6	188
54	HCAR1/MCT1 Regulates Tumor Ferroptosis through the Lactate-Mediated AMPK-SCD1 Activity and Its Therapeutic Implications. <i>Cell Reports</i> , 2020, 33, 108487.	2.9	179

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55	Dual-Responsive Carbon Dots for Tumor Extracellular Microenvironment Triggered Targeting and Enhanced Anticancer Drug Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 18732-18740.	4.0	178
56	Hierarchical Porous LiNi <sub>1/3</sub> Co <sub>1/3</sub> Mn <sub>1/3</sub> O <sub>2</sub> Nano-/Micro Spherical Cathode Material: Minimized Cation Mixing and Improved Li <sup>+</sup> Mobility for Enhanced Electrochemical Performance. <i>Scientific Reports</i> , 2016, 6, 25771.	1.6	178
57	Recent advancements of graphene in biomedicine. <i>Journal of Materials Chemistry B</i> , 2013, 1, 2542.	2.9	176
58	Color-Tunable Polymeric Long-Persistent Luminescence Based on Polyphosphazenes. <i>Advanced Materials</i> , 2020, 32, e1907355.	11.1	176
59	Cancer Cell Detection and Therapeutics Using Peroxidase-Active Nanohybrid of Gold Nanoparticle-Loaded Mesoporous Silica-Coated Graphene. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 9807-9816.	4.0	171
60	Light-Induced Charge Transfer in Pyrene/CdSe@SWNT Hybrids. <i>Advanced Materials</i> , 2008, 20, 939-946.	11.1	165
61	Controlling Supramolecular Chirality of Two-Component Hydrogels by J- and H-Aggregation of Building Blocks. <i>Journal of the American Chemical Society</i> , 2018, 140, 6467-6473.	6.6	165
62	Cyanostilbene-based intelligent organic optoelectronic materials. <i>Journal of Materials Chemistry C</i> , 2013, 1, 1059-1065.	2.7	162
63	Integrated Hollow Mesoporous Silica Nanoparticles for Target Drug/siRNA Co-Delivery. <i>Chemistry - A European Journal</i> , 2013, 19, 15593-15603.	1.7	160
64	Photoresponsive supramolecular coordination polyelectrolyte as smart anticounterfeiting inks. <i>Nature Communications</i> , 2021, 12, 1363.	5.8	160
65	Upconversion Nanoparticles as a Contrast Agent for Photoacoustic Imaging in Live Mice. <i>Advanced Materials</i> , 2014, 26, 5633-5638.	11.1	158
66	Stimulated Release of Size-Selected Cargos in Succession from Mesoporous Silica Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5460-5465.	7.2	157
67	Room-temperature synthesis of bimetallic Co-Zn based zeolitic imidazolate frameworks in water for enhanced CO <sub>2</sub> and H <sub>2</sub> uptakes. <i>Journal of Materials Chemistry A</i> , 2016, 4, 14932-14938.	5.2	156
68	Versatile bimetallic lanthanide metal-organic frameworks for tunable emission and efficient fluorescence sensing. <i>Communications Chemistry</i> , 2018, 1, .	2.0	156
69	Self-Assembled Single-Site Nanozyme for Tumor-Specific Amplified Cascade Enzymatic Therapy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3001-3007.	7.2	156
70	Multifunctional Nanoparticles Self-Assembled from Small Organic Building Blocks for Biomedicine. <i>Advanced Materials</i> , 2016, 28, 7304-7339.	11.1	155
71	Long-Lived Organic Room-Temperature Phosphorescence from Amorphous Polymer Systems. <i>Accounts of Chemical Research</i> , 2022, 55, 1160-1170.	7.6	155
72	An Ultrasmall SnFe <sub>2</sub> O <sub>4</sub> Nanozyme with Endogenous Oxygen Generation and Glutathione Depletion for Synergistic Cancer Therapy. <i>Advanced Functional Materials</i> , 2021, 31, 2006216.	7.8	154

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73	ZnO@DOX@ZIF-8 Core-Shell Nanoparticles for pH-Responsive Drug Delivery. ACS Biomaterials Science and Engineering, 2017, 3, 2223-2229.	2.6	151
74	Guiding Transition Metal-Doped Hollow Cerium Tandem Nanozymes with Elaborately Regulated Multi-Enzymatic Activities for Intensive Chemodynamic Therapy. Advanced Materials, 2022, 34, e2107054.	11.1	150
75	A Vanadyl Complex Grafted to Periodic Mesoporous Organosilica: A Green Catalyst for Selective Hydroxylation of Benzene to Phenol. Angewandte Chemie - International Edition, 2012, 51, 7756-7761.	7.2	149
76	Two fully conjugated covalent organic frameworks as anode materials for lithium ion batteries. Journal of Materials Chemistry A, 2016, 4, 14106-14110.	5.2	149
77	Achieving Amorphous Ultralong Room Temperature Phosphorescence by Coassembling Planar Small Organic Molecules with Polyvinyl Alcohol. Advanced Functional Materials, 2019, 29, 1807243.	7.8	147
78	Direct Z-scheme TiO <sub>2</sub> @ZnIn <sub>2</sub> S <sub>4</sub> nanoflowers for cocatalyst-free photocatalytic water splitting. Applied Catalysis B: Environmental, 2021, 291, 120126.	10.8	147
79	Near-Infrared Squaraine Dye Encapsulated Micelles for <i>in Vivo</i> Fluorescence and Photoacoustic Bimodal Imaging. ACS Nano, 2015, 9, 5695-5704.	7.3	145
80	Nitrogen-Doped Carbon-Coated Cu <sub>2</sub> O@Cu <sub>3</sub> O p-n Heterojunction for Remarkable Photocatalytic Hydrogen Evolution. Advanced Energy Materials, 2019, 9, 1902839.	10.2	145
81	Unimolecular Photoconversion of Multicolor Luminescence on Hierarchical Self-Assemblies. Journal of the American Chemical Society, 2013, 135, 5175-5182.	6.6	144
82	Polymeric Rotaxane Constructed from the Inclusion Complex of $\beta$ -Cyclodextrin and 4,4'-Dipyridine by Coordination with Nickel(II) Ions. Angewandte Chemie - International Edition, 2003, 42, 3260-3263.	7.2	143
83	Halogen-Assisted Piezochromic Supramolecular Assemblies for Versatile Haptic Memory. Journal of the American Chemical Society, 2017, 139, 436-441.	6.6	142
84	Surfactant Media To Grow New Crystalline Cobalt 1,3,5-Benzenetricarboxylate Metal-Organic Frameworks. Inorganic Chemistry, 2014, 53, 8529-8537.	1.9	140
85	Graphene oxide wrapped gold nanoparticles for intracellular Raman imaging and drug delivery. Journal of Materials Chemistry B, 2013, 1, 6495.	2.9	139
86	Intracellular redox-activated anticancer drug delivery by functionalized hollow mesoporous silica nanoreservoirs with tumor specificity. Biomaterials, 2014, 35, 7951-7962.	5.7	134
87	Structural Engineering of Luminogens with High Emission Efficiency Both in Solution and in the Solid State. Angewandte Chemie - International Edition, 2019, 58, 11419-11423.	7.2	133
88	NIR-Light-Activated Combination Therapy with a Precise Ratio of Photosensitizer and Prodrug Using a Host-Guest Strategy. Angewandte Chemie - International Edition, 2019, 58, 7641-7646.	7.2	133
89	Cross-Linked Polyphosphazene Hollow Nanosphere-Derived N/P-Doped Porous Carbon with Single Nonprecious Metal Atoms for the Oxygen Reduction Reaction. Angewandte Chemie - International Edition, 2020, 59, 14639-14646.	7.2	133
90	A Redox-Switchable $\beta$ -Cyclodextrin-Based [2]Rotaxane. Journal of the American Chemical Society, 2008, 130, 11294-11296.	6.6	132

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91	Circularly Polarized Organic Room Temperature Phosphorescence from Amorphous Copolymers. <i>Journal of the American Chemical Society</i> , 2021, 143, 18527-18535.	6.6	132
92	Selective H <sub>2</sub> /CO <sub>2</sub> Separation by Metal-Organic Frameworks Based on Chemical-Physical Adsorption. <i>Journal of Physical Chemistry C</i> , 2017, 121, 13249-13255.	1.5	131
93	Engineered Hybrid Nanoparticles for On-Demand Diagnostics and Therapeutics. <i>Accounts of Chemical Research</i> , 2015, 48, 3016-3025.	7.6	130
94	Amorphous Ionic Polymers with Color-Tunable Ultralong Organic Phosphorescence. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18776-18782.	7.2	129
95	A Light-Stimulated Molecular Switch Driven by Radical-Radical Interactions in Water. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6782-6788.	7.2	127
96	Covalent-Organic-Framework-Based Composite Materials. <i>CheM</i> , 2020, 6, 3172-3202.	5.8	127
97	Synthesis, Characterization, and Non-Volatile Memory Device Application of an N-Substituted Heteroacene. <i>Chemistry - an Asian Journal</i> , 2014, 9, 779-783.	1.7	123
98	Organogel Formation by a Cholesterol-Stoppered Bistable [2]Rotaxane and Its Dumbbell Precursor. <i>Journal of the American Chemical Society</i> , 2008, 130, 6348-6350.	6.6	122
99	A Rationally Designed Nitrogen-Rich Metal-Organic Framework and Its Exceptionally High CO <sub>2</sub> and H <sub>2</sub> Uptake Capability. <i>Scientific Reports</i> , 2013, 3, 1149.	1.6	122
100	Bimetallic Metal-Organic Frameworks: Probing the Lewis Acid Site for CO <sub>2</sub> Conversion. <i>Small</i> , 2016, 12, 2334-2343.	5.2	122
101	Enhancing Organic Phosphorescence by Manipulating Heavy-Atom Interaction. <i>Crystal Growth and Design</i> , 2016, 16, 808-813.	1.4	122
102	Synthesis and Physical Properties of Four Hexazapentacene Derivatives. <i>Journal of the American Chemical Society</i> , 2012, 134, 20298-20301.	6.6	121
103	Kinetically Controlling Phase Transformations of Crystalline Mercury Selenidostannates through Surfactant Media. <i>Inorganic Chemistry</i> , 2013, 52, 4148-4150.	1.9	121
104	Microneedle-Assisted Topical Delivery of Photodynamically Active Mesoporous Formulation for Combination Therapy of Deep-Seated Melanoma. <i>ACS Nano</i> , 2018, 12, 11936-11948.	7.3	121
105	Targeted Delivery of 5-Aminolevulinic Acid by Multifunctional Hollow Mesoporous Silica Nanoparticles for Photodynamic Skin Cancer Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 10671-10676.	4.0	120
106	Three-Dimensional Porous Graphene Networks and Hybrids for Lithium-Ion Batteries and Supercapacitors. <i>CheM</i> , 2017, 2, 171-200.	5.8	119
107	Highly Effective Carbon Fixation via Catalytic Conversion of CO <sub>2</sub> by an Acylamide-Containing Metal-Organic Framework. <i>Chemistry of Materials</i> , 2017, 29, 9256-9261.	3.2	116
108	Integrated graphene/nanoparticle hybrids for biological and electronic applications. <i>Nanoscale</i> , 2014, 6, 6245-6266.	2.8	114

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109	Emerging Applications of Metal-Organic Frameworks and Covalent Organic Frameworks. <i>Chemistry of Materials</i> , 2016, 28, 8079-8081.	3.2	114
110	Targeted delivery of doxorubicin to mitochondria using mesoporous silica nanoparticle nanocarriers. <i>Nanoscale</i> , 2015, 7, 16677-16686.	2.8	113
111	Selective wet-chemical etching to create TiO <sub>2</sub> @MOF frame heterostructure for efficient photocatalytic hydrogen evolution. <i>Nano Energy</i> , 2020, 74, 104909.	8.2	113
112	Relative Unidirectional Translation in an Artificial Molecular Assembly Fueled by Light. <i>Journal of the American Chemical Society</i> , 2013, 135, 18609-18620.	6.6	112
113	NIR-Actuated Remote Activation of Ferroptosis in Target Tumor Cells through a Photothermally Responsive Iron-Chelated Biopolymer Nanoplatform. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8938-8947.	7.2	112
114	Applications of Light-Responsive Systems for Cancer Theranostics. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 21021-21034.	4.0	111
115	Experimental and Theoretical Investigation of Mesoporous MnO <sub>2</sub> Nanosheets with Oxygen Vacancies for High-Efficiency Catalytic DeNO <sub>x</sub> . <i>ACS Catalysis</i> , 2018, 8, 3865-3874.	5.5	111
116	Ultrasmall Alloy Nanozyme for Ultrasound- and Near-Infrared Light-Promoted Tumor Ablation. <i>ACS Nano</i> , 2021, 15, 7774-7782.	7.3	111
117	Approaching a stable, green twisted heteroacene through "clean reaction" strategy. <i>Chemical Communications</i> , 2012, 48, 5974.	2.2	110
118	Control on Dimensions and Supramolecular Chirality of Self-Assemblies through Light and Metal Ions. <i>Journal of the American Chemical Society</i> , 2018, 140, 16275-16283.	6.6	110
119	Room-Temperature Chemoselective Reduction of Nitro Groups Using Non-noble Metal Nanocatalysts in Water. <i>Inorganic Chemistry</i> , 2014, 53, 2904-2909.	1.9	109
120	Size-Dependent Catalytic Activity of Palladium Nanoparticles Fabricated in Porous Organic Polymers for Alkene Hydrogenation at Room Temperature. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 15307-15319.	4.0	109
121	Reduction-sensitive fluorescence enhanced polymeric prodrug nanoparticles for combinational photothermal-chemotherapy. <i>Biomaterials</i> , 2018, 163, 14-24.	5.7	109
122	Bioengineering of Metal-organic Frameworks for Nanomedicine. <i>Theranostics</i> , 2019, 9, 3122-3133.	4.6	108
123	Significant gas uptake enhancement by post-exchange of zinc(ii) with copper(ii) within a metal-organic framework. <i>Chemical Communications</i> , 2012, 48, 10286.	2.2	107
124	Renal-Clearable Nickel-Doped Carbon Dots with Boosted Photothermal Conversion Efficiency for Multimodal Imaging-Guided Cancer Therapy in the Second Near-Infrared Biowindow. <i>Advanced Functional Materials</i> , 2021, 31, 2100549.	7.8	107
125	Double-shelled hollow rods assembled from nitrogen/sulfur-codoped carbon coated indium oxide nanoparticles as excellent photocatalysts. <i>Nature Communications</i> , 2019, 10, 2270.	5.8	105
126	Cross-Linked Polyphosphazene Nanospheres Boosting Long-Lived Organic Room-Temperature Phosphorescence. <i>Journal of the American Chemical Society</i> , 2022, 144, 6107-6117.	6.6	105

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127	General and Robust Photothermal Heating Enabled High Efficiency Photoelectrochemical Water Splitting. <i>Advanced Materials</i> , 2021, 33, e2004406.	11.1	104
128	Nitrogen Rich Porous Adsorbents for CO <sub>2</sub> Capture and Storage. <i>Chemistry - an Asian Journal</i> , 2013, 8, 1680-1691.	1.7	103
129	Macrocyclic-based metal-organic frameworks. <i>Coordination Chemistry Reviews</i> , 2015, 292, 74-90.	9.5	103
130	Strategies for enhancing cancer chemodynamic therapy performance. <i>Exploration</i> , 2022, 2, .	5.4	103
131	Perylene-Derived Single-Component Organic Nanoparticles with Tunable Emission: Efficient Anticancer Drug Carriers with Real-Time Monitoring of Drug Release. <i>ACS Nano</i> , 2014, 8, 5939-5952.	7.3	102
132	Multifunctional Bismuth Ferrite Nanocatalysts with Optical and Magnetic Functions for Ultrasound-Enhanced Tumor Theranostics. <i>ACS Nano</i> , 2020, 14, 7245-7258.	7.3	101
133	Clicked Isoreticular Metal-Organic Frameworks and Their High Performance in the Selective Capture and Separation of Large Organic Molecules. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12748-12752.	7.2	99
134	Linkage Engineering by Harnessing Supramolecular Interactions to Fabricate 2D Hydrazone-Linked Covalent Organic Framework Platforms toward Advanced Catalysis. <i>Journal of the American Chemical Society</i> , 2020, 142, 18138-18149.	6.6	99
135	Pyrenecyclodextrin Decorated Single-Walled Carbon Nanotube Field-Effect Transistors as Chemical Sensors. <i>Advanced Materials</i> , 2008, 20, 1910-1915.	11.1	98
136	Pillararene/Calixarene-based systems for battery and supercapacitor applications. <i>EScience</i> , 2021, 1, 28-43.	25.0	97
137	Enhanced photocatalytic water oxidation by hierarchical 2D-Bi <sub>2</sub> MoO <sub>6</sub> @2D-MXene Schottky junction nanohybrid. <i>Chemical Engineering Journal</i> , 2021, 403, 126328.	6.6	94
138	Luminescent Color Conversion on Cyanostilbene Functionalized Quantum Dots via In situ Photo-Tuning. <i>Advanced Materials</i> , 2012, 24, 4020-4024.	11.1	93
139	Cyclometalated Iridium(III)-Complex-Based Micelles for Glutathione-Responsive Targeted Chemotherapy and Photodynamic Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 27553-27562.	4.0	93
140	Recent advances in biocompatible nanocarriers for delivery of chemotherapeutic cargoes towards cancer therapy. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 4776.	1.5	92
141	Trace Carbon Dioxide Capture by Metal-Organic Frameworks. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 82-93.	3.2	92
142	Two-dimensional covalent organic frameworks for ultrahigh iodine capture. <i>Journal of Materials Chemistry A</i> , 2020, 8, 9523-9527.	5.2	92
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