Yanli Zhao

List of Publications by Year in descending order

543 papers	44,441 citations	1163 111 h-index	3476 182 g-index
569 all docs	569 docs citations	569 times ranked	39826 citing authors

#	Article	IF	Citations
1	Biomedical Applications of Supramolecular Systems Based on Hostâ€“Guest Interactions. Chemical Reviews, 2015, 115, 7794-7839.	23.0	980
2	Ultrathin 2D Metalâ€“Organic Framework Nanosheets. Advanced Materials, 2015, 27, 7372-7378.	11.1	943
3	Covalent Organic Frameworks for CO2Capture. Advanced Materials, 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. ACS Nano, 2016, 10, 10211-10219.	7.3	844
5	Versatile Polydopamine Platforms: Synthesis and Promising Applications for Surface Modification and Advanced Nanomedicine. ACS Nano, 2019, 13, 8537-8565.	7.3	670
6	Noncovalent Functionalization of Single-Walled Carbon Nanotubes. Accounts of Chemical Research, 2009, 42, 1161-1171.	7.6	654
7	Mechanized Silica Nanoparticles: A New Frontier in Theranostic Nanomedicine. Accounts of Chemical Research, 2011, 44, 903-913.	7.6	584
8	Autonomous in Vitro Anticancer Drug Release from Mesoporous Silica Nanoparticles by pH-Sensitive Nanovalves. Journal of the American Chemical Society, 2010, 132, 12690-12697.	6.6	550
9	Charge-Convertible Carbon Dots for Imaging-Guided Drug Delivery with Enhanced in Vivo Cancer Therapeutic Efficiency. ACS Nano, 2016, 10, 4410-4420.	7.3	543
10	Heterogeneous Catalysis in Zeolites, Mesoporous Silica, and Metalâ€“Organic Frameworks. Advanced Materials, 2017, 29, 1701139.	11.1	522
11	Ultralong room temperature phosphorescence from amorphous organic materials toward confidential information encryption and decryption. Science Advances, 2018, 4, eaas9732.	4.7	515
12	A Triazole-Containing Metalâ€“Organic Framework as a Highly Effective and Substrate Size-Dependent Catalyst for CO₂ Conversion. Journal of the American Chemical Society, 2016, 138, 2142-2145.	6.6	504
13	Light-Operated Mechanized Nanoparticles. Journal of the American Chemical Society, 2009, 131, 1686-1688.	6.6	482
14	Graphene-Based Microbots for Toxic Heavy Metal Removal and Recovery from Water. Nano Letters, 2016, 16, 2860-2866.	4.5	473
15	A p-type Ti(<scp>iv</scp>)-based metalâ€“organic framework with visible-light photo-response. Chemical Communications, 2014, 50, 3786-3788.	2.2	424
16	Ultrathin ZnIn₂S₄ Nanosheets Anchored on Ti₃C₂T_X MXene for Photocatalytic H₂ Evolution. Angewandte Chemie - International Edition, 2020, 59, 11287-11292.	7.2	416
17	Nanoscale covalent organic frameworks as smart carriers for drug delivery. Chemical Communications, 2016, 52, 4128-4131.	2.2	384
18	Carbon Quantum Dot Implanted Graphite Carbon Nitride Nanotubes: Excellent Charge Separation and Enhanced Photocatalytic Hydrogen Evolution. Angewandte Chemie - International Edition, 2018, 57, 5765-5771.	7.2	372

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19	Docking in Metal-Organic Frameworks. Science, 2009, 325, 855-859.	6.0	360
20	Self-assembled single-atom nanozyme for enhanced photodynamic therapy treatment of tumor. Nature Communications, 2020, 11, 357.	5.8	339
21	Azobenzene-Based Light-Responsive Hydrogel System. Langmuir, 2009, 25, 8442-8446.	1.6	325
22	Molecular Engineering for Metalâ€Free Amorphous Materials with Roomâ€Temperature Phosphorescence. Angewandte Chemie - International Edition, 2020, 59, 11206-11216.	7.2	322
23	Metalâ€“Organic Framework Derived Nanozymes in Biomedicine. Accounts of Chemical Research, 2020, 53, 1389-1400.	7.6	308
24	Integrating Suitable Linkage of Covalent Organic Frameworks into Covalently Bridged Inorganic/Organic Hybrids toward Efficient Photocatalysis. Journal of the American Chemical Society, 2020, 142, 4862-4871.	6.6	304
25	pH-Operated Nanopistons on the Surfaces of Mesoporous Silica Nanoparticles. Journal of the American Chemical Society, 2010, 132, 13016-13025.	6.6	296
26	Catalase-Integrated Hyaluronic Acid as Nanocarriers for Enhanced Photodynamic Therapy in Solid Tumor. ACS Nano, 2019, 13, 4742-4751.	7.3	293
27	Functional Mesoporous Silica Nanoparticles for Photothermalâ€Controlled Drug Delivery Inâ€...Vivo. Angewandte Chemie - International Edition, 2012, 51, 8373-8377.	7.2	290
28	Solutions to the Drawbacks of Photothermal and Photodynamic Cancer Therapy. Advanced Science, 2021, 8, 2002504.	5.6	285
29	A Mesoporous Nanoenzyme Derived from Metalâ€“Organic Frameworks with Endogenous Oxygen Generation to Alleviate Tumor Hypoxia for Significantly Enhanced Photodynamic Therapy. Advanced Materials, 2019, 31, e1901893.	11.1	282
30	Multifunctional Mesoporous Silica Nanoparticles for Cancerâ€Targeted and Controlled Drug Delivery. Advanced Functional Materials, 2012, 22, 5144-5156.	7.8	281
31	Color-tunable ultralong organic room temperature phosphorescence from a multicomponent copolymer. Nature Communications, 2020, 11, 944.	5.8	278
32	Covalent Organic Frameworks Formed with Two Types of Covalent Bonds Based on Orthogonal Reactions. Journal of the American Chemical Society, 2015, 137, 1020-1023.	6.6	276
33	Degradability and Clearance of Inorganic Nanoparticles for Biomedical Applications. Advanced Materials, 2019, 31, e1805730.	11.1	267
34	A Hypoxiaâ€Responsive Albuminâ€Based Nanosystem for Deep Tumor Penetration and Excellent Therapeutic Efficacy. Advanced Materials, 2019, 31, e1901513.	11.1	263
35	Pillararene-based self-assembled amphiphiles. Chemical Society Reviews, 2018, 47, 5491-5528.	18.7	258
36	Controlling Supramolecular Chirality in Multicomponent Self-Assembled Systems. Accounts of Chemical Research, 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. ACS Applied Materials & Interfaces, 2014, 6, 13648-13656.	4.0	253
38	Lithiation-induced amorphization of Pd3P2S8 for highly efficient hydrogen evolution. Nature Catalysis, 2018, 1, 460-468.	16.1	247
39	Titanium-based metalâ€“organic frameworks for photocatalytic applications. Coordination Chemistry Reviews, 2018, 359, 80-101.	9.5	246
40	Excitationâ€Dependent Longâ€Life Luminescent Polymeric Systems under Ambient Conditions. Angewandte Chemie - International Edition, 2020, 59, 9967-9971.	7.2	242
41	Biocompatible, Uniform, and Redispersible Mesoporous Silica Nanoparticles for Cancerâ€Targeted Drug Delivery In Vivo. Advanced Functional Materials, 2014, 24, 2450-2461.	7.8	238
42	Supramolecular Adhesive Hydrogels for Tissue Engineering Applications. Chemical Reviews, 2022, 122, 5604-5640.	23.0	238
43	Large-Area, Flexible, Transparent, and Long-Lived Polymer-Based Phosphorescence Films. Journal of the American Chemical Society, 2021, 143, 13675-13685.	6.6	237
44	A Preloaded Amorphous Calcium Carbonate/Doxorubicin@Silica Nanoreactor for pHâ€Responsive Delivery of an Anticancer Drug. Angewandte Chemie - International Edition, 2015, 54, 919-922.	7.2	222
45	Biocompatible Pillararene-Assembly-Based Carriers for Dual Bioimaging. ACS Nano, 2013, 7, 7853-7863.	7.3	219
46	Engineering a Hollow Nanocontainer Platform with Multifunctional Molecular Machines for Tumor-Targeted Therapy in Vitro and in Vivo. ACS Nano, 2013, 7, 10271-10284.	7.3	212
47	Pillareneâ€Based Assemblies: Design Principle, Preparation and Applications. Chemistry - A European Journal, 2013, 19, 16862-16879.	1.7	202
48	Tumor microenvironment-activatable Fe-doxorubicin preloaded amorphous CaCO ₃ nanoformulation triggers ferroptosis in target tumor cells. Science Advances, 2020, 6, eaax1346.	4.7	200
49	Polymer-Coated Hollow Mesoporous Silica Nanoparticles for Triple-Responsive Drug Delivery. ACS Applied Materials & Interfaces, 2015, 7, 18179-18187.	4.0	198
50	Ultrasmall Phosphorescent Polymer Dots for Ratiometric Oxygen Sensing and Photodynamic Cancer Therapy. Advanced Functional Materials, 2014, 24, 4823-4830.	7.8	197
51	Ultraviolet irradiation-responsive dynamic ultralong organic phosphorescence in polymeric systems. Nature Communications, 2021, 12, 2297.	5.8	196
52	Photoresponsive Luminescent Polymeric Hydrogels for Reversible Information Encryption and Decryption. Advanced Science, 2019, 6, 1901529.	5.6	193
53	Graphene Oxide Wrapping on Squaraine-Loaded Mesoporous Silica Nanoparticles for Bioimaging. Journal of the American Chemical Society, 2012, 134, 17346-17349.	6.6	188
54	HCAR1/MCT1 Regulates Tumor Ferroptosis through the Lactate-Mediated AMPK-SCD1 Activity and Its Therapeutic Implications. Cell Reports, 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. ACS Applied Materials & Interfaces, 2016, 8, 18732-18740.	4.0	178
56	Hierarchical Porous LiNi1/3Co1/3Mn1/3O2 Nano-/Micro Spherical Cathode Material: Minimized Cation Mixing and Improved Li+ Mobility for Enhanced Electrochemical Performance. Scientific Reports, 2016, 6, 25771.	1.6	178
57	Recent advancements of graphene in biomedicine. Journal of Materials Chemistry B, 2013, 1, 2542.	2.9	176
58	Colorâ€Tunable Polymeric Longâ€Persistent Luminescence Based on Polyphosphazenes. Advanced Materials, 2020, 32, e1907355.	11.1	176
59	Cancer Cell Detection and Therapeutics Using Peroxidase-Active Nanohybrid of Gold Nanoparticle-Loaded Mesoporous Silica-Coated Graphene. ACS Applied Materials & Interfaces, 2015, 7, 9807-9816.	4.0	171
60	Lightâ€Induced Charge Transfer in Pyrene/CdSeâ€SWNT Hybrids. Advanced Materials, 2008, 20, 939-946.	11.1	165
61	Controlling Supramolecular Chirality of Two-Component Hydrogels by J- and H-Aggregation of Building Blocks. Journal of the American Chemical Society, 2018, 140, 6467-6473.	6.6	165
62	Cyanostilbene-based intelligent organic optoelectronic materials. Journal of Materials Chemistry C, 2013, 1, 1059-1065.	2.7	162
63	Integrated Hollow Mesoporous Silica Nanoparticles for Target Drug/siRNA Coâ€Delivery. Chemistry - A European Journal, 2013, 19, 15593-15603.	1.7	160
64	Photoresponsive supramolecular coordination polyelectrolyte as smart anticounterfeiting inks. Nature Communications, 2021, 12, 1363.	5.8	160
65	Upconversion Nanoparticles as a Contrast Agent for Photoacoustic Imaging in Live Mice. Advanced Materials, 2014, 26, 5633-5638.	11.1	158
66	Stimulated Release of Sizeâ€Selected Cargos in Succession from Mesoporous Silica Nanoparticles. Angewandte Chemie - International Edition, 2012, 51, 5460-5465.	7.2	157
67	Room-temperature synthesis of bimetallic Coâ€“Zn based zeolitic imidazolate frameworks in water for enhanced CO₂ and H₂ uptakes. Journal of Materials Chemistry A, 2016, 4, 14932-14938.	5.2	156
68	Versatile bimetallic lanthanide metal-organic frameworks for tunable emission and efficient fluorescence sensing. Communications Chemistry, 2018, 1, .	2.0	156
69	Selfâ€Assembled Singleâ€Site Nanozyme for Tumorâ€Specific Amplified Cascade Enzymatic Therapy. Angewandte Chemie - International Edition, 2021, 60, 3001-3007.	7.2	156
70	Multifunctional Nanoparticles Selfâ€Assembled from Small Organic Building Blocks for Biomedicine. Advanced Materials, 2016, 28, 7304-7339.	11.1	155
71	Long-Lived Organic Room-Temperature Phosphorescence from Amorphous Polymer Systems. Accounts of Chemical Research, 2022, 55, 1160-1170.	7.6	155
72	An Ultrasmall SnFe₂O₄ Nanozyme with Endogenous Oxygen Generation and Glutathione Depletion for Synergistic Cancer Therapy. Advanced Functional Materials, 2021, 31, 2006216.	7.8	154

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73	ZnOâ€“DOX@ZIF-8 Coreâ€“Shell Nanoparticles for pH-Responsive Drug Delivery. ACS Biomaterials Science and Engineering, 2017, 3, 2223-2229.	2.6	151
74	Guiding Transition Metalâ€Doped Hollow Cerium Tandem Nanozymes with Elaborately Regulated Multiâ€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 TiO2â€“ZnIn2S4 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 in Vivo Fluorescence and Photoacoustic Bimodal Imaging. ACS Nano, 2015, 9, 5695-5704.	7.3	145
80	Nitrogenâ€Doped Carbonâ€Coated CuOâ€In₂O₃ pâ€“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 Î²-Cyclodextrin and 4,4â€²-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 Metalâ€“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	NIRâ€Lightâ€Activated Combination Therapy with a Precise Ratio of Photosensitizer and Prodrug Using a Hostâ€“Guest Strategy. Angewandte Chemie - International Edition, 2019, 58, 7641-7646.	7.2	133
89	Crossâ€Linked Polyphosphazene Hollow Nanosphereâ€Derived N/Pâ€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 Î±-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. Journal of the American Chemical Society, 2021, 143, 18527-18535.	6.6	132
92	Selective H₂S/CO₂ Separation by Metalâ€“Organic Frameworks Based on Chemical-Physical Adsorption. Journal of Physical Chemistry C, 2017, 121, 13249-13255.	1.5	131
93	Engineered Hybrid Nanoparticles for On-Demand Diagnostics and Therapeutics. Accounts of Chemical Research, 2015, 48, 3016-3025.	7.6	130
94	Amorphous Ionic Polymers with Colorâ€Tunable Ultralong Organic Phosphorescence. Angewandte Chemie - International Edition, 2019, 58, 18776-18782.	7.2	129
95	A Lightâ€Stimulated Molecular Switch Driven by Radicalâ€“Radical Interactions in Water. Angewandte Chemie - International Edition, 2011, 50, 6782-6788.	7.2	127
96	Covalent-Organic-Framework-Based Composite Materials. CheM, 2020, 6, 3172-3202.	5.8	127
97	Synthesis, Characterization, and Nonâ€Volatile Memory Device Application of an Nâ€Substituted Heteroacene. Chemistry - an Asian Journal, 2014, 9, 779-783.	1.7	123
98	Organogel Formation by a Cholesterol-Stoppered Bistable [2]Rotaxane and Its Dumbbell Precursor. Journal of the American Chemical Society, 2008, 130, 6348-6350.	6.6	122
99	A Rationally Designed Nitrogen-Rich Metal-Organic Framework and Its Exceptionally High CO2 and H2 Uptake Capability. Scientific Reports, 2013, 3, 1149.	1.6	122
100	Bimetallic Metalâ€Organic Frameworks: Probing the Lewis Acid Site for CO₂ Conversion. Small, 2016, 12, 2334-2343.	5.2	122
101	Enhancing Organic Phosphorescence by Manipulating Heavy-Atom Interaction. Crystal Growth and Design, 2016, 16, 808-813.	1.4	122
102	Synthesis and Physical Properties of Four Hexazapentacene Derivatives. Journal of the American Chemical Society, 2012, 134, 20298-20301.	6.6	121
103	Kinetically Controlling Phase Transformations of Crystalline Mercury Selenidostannates through Surfactant Media. Inorganic Chemistry, 2013, 52, 4148-4150.	1.9	121
104	Microneedle-Assisted Topical Delivery of Photodynamically Active Mesoporous Formulation for Combination Therapy of Deep-Seated Melanoma. ACS Nano, 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. ACS Applied Materials & Interfaces, 2015, 7, 10671-10676.	4.0	120
106	Three-Dimensional Porous Graphene Networks and Hybrids for Lithium-Ion Batteries and Supercapacitors. CheM, 2017, 2, 171-200.	5.8	119
107	Highly Effective Carbon Fixation via Catalytic Conversion of CO₂ by an Acylamide-Containing Metalâ€“Organic Framework. Chemistry of Materials, 2017, 29, 9256-9261.	3.2	116
108	Integrated graphene/nanoparticle hybrids for biological and electronic applications. Nanoscale, 2014, 6, 6245-6266.	2.8	114

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109	Emerging Applications of Metalâ€“Organic Frameworks and Covalent Organic Frameworks. Chemistry of Materials, 2016, 28, 8079-8081.	3.2	114
110	Targeted delivery of doxorubicin to mitochondria using mesoporous silica nanoparticle nanocarriers. Nanoscale, 2015, 7, 16677-16686.	2.8	113
111	Selective wet-chemical etching to create TiO2@MOF frame heterostructure for efficient photocatalytic hydrogen evolution. Nano Energy, 2020, 74, 104909.	8.2	113
112	Relative Unidirectional Translation in an Artificial Molecular Assembly Fueled by Light. Journal of the American Chemical Society, 2013, 135, 18609-18620.	6.6	112
113	NIRâ€Actuated Remote Activation of Ferroptosis in Target Tumor Cells through a Photothermally Responsive Ironâ€Chelated Biopolymer Nanoplatform. Angewandte Chemie - International Edition, 2021, 60, 8938-8947.	7.2	112
114	Applications of Light-Responsive Systems for Cancer Theranostics. ACS Applied Materials & Interfaces, 2018, 10, 21021-21034.	4.0	111
115	Experimental and Theoretical Investigation of Mesoporous MnO₂ Nanosheets with Oxygen Vacancies for High-Efficiency Catalytic DeNO_x. ACS Catalysis, 2018, 8, 3865-3874.	5.5	111
116	Ultrasmall Alloy Nanozyme for Ultrasound- and Near-Infrared Light-Promoted Tumor Ablation. ACS Nano, 2021, 15, 7774-7782.	7.3	111
117	Approaching a stable, green twisted heteroacene through â€œclean reactionâ€•strategy. Chemical Communications, 2012, 48, 5974.	2.2	110
118	Control on Dimensions and Supramolecular Chirality of Self-Assemblies through Light and Metal Ions. Journal of the American Chemical Society, 2018, 140, 16275-16283.	6.6	110
119	Room-Temperature Chemoselective Reduction of Nitro Groups Using Non-noble Metal Nanocatalysts in Water. Inorganic Chemistry, 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. ACS Applied Materials & Interfaces, 2016, 8, 15307-15319.	4.0	109
121	Reduction-sensitive fluorescence enhanced polymeric prodrug nanoparticles for combinational photothermal-chemotherapy. Biomaterials, 2018, 163, 14-24.	5.7	109
122	Bioengineering of Metal-organic Frameworks for Nanomedicine. Theranostics, 2019, 9, 3122-3133.	4.6	108
123	Significant gas uptake enhancement by post-exchange of zinc(ii) with copper(ii) within a metalâ€“organic framework. Chemical Communications, 2012, 48, 10286.	2.2	107
124	Renalâ€Clearable Nickelâ€Doped Carbon Dots with Boosted Photothermal Conversion Efficiency for Multimodal Imagingâ€Guided Cancer Therapy in the Second Nearâ€Infrared Biowindow. Advanced Functional Materials, 2021, 31, 2100549.	7.8	107
125	Double-shelled hollow rods assembled from nitrogen/sulfur-codoped carbon coated indium oxide nanoparticles as excellent photocatalysts. Nature Communications, 2019, 10, 2270.	5.8	105
126	Cross-Linked Polyphosphazene Nanospheres Boosting Long-Lived Organic Room-Temperature Phosphorescence. Journal of the American Chemical Society, 2022, 144, 6107-6117.	6.6	105

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127	General and Robust Photothermalâ€Heatingâ€Enabled Highâ€Efficiency Photoelectrochemical Water Splitting. Advanced Materials, 2021, 33, e2004406.	11.1	104
128	Nitrogenâ€Rich Porous Adsorbents for CO₂ Capture and Storage. Chemistry - an Asian Journal, 2013, 8, 1680-1691.	1.7	103
129	Macrocycle-based metal-organic frameworks. Coordination Chemistry Reviews, 2015, 292, 74-90.	9.5	103
130	Strategies for enhancing cancer chemodynamic therapy performance. Exploration, 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. ACS Nano, 2014, 8, 5939-5952.	7.3	102
132	Multifunctional Bismuth Ferrite Nanocatalysts with Optical and Magnetic Functions for Ultrasound-Enhanced Tumor Theranostics. ACS Nano, 2020, 14, 7245-7258.	7.3	101
133	Clicked Isoreticular Metalâ€“Organic Frameworks and Their High Performance in the Selective Capture and Separation of Large Organic Molecules. Angewandte Chemie - International Edition, 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. Journal of the American Chemical Society, 2020, 142, 18138-18149.	6.6	99
135	Pyrenecyclodextrinâ€Decorated Singleâ€Walled Carbon Nanotube Fieldâ€Effect Transistors as Chemical Sensors. Advanced Materials, 2008, 20, 1910-1915.	11.1	98
136	Pillararene/Calixarene-based systems for battery and supercapacitor applications. EScience, 2021, 1, 28-43.	25.0	97
137	Enhanced photocatalytic water oxidation by hierarchical 2D-Bi2MoO6@2D-MXene Schottky junction nanohybrid. Chemical Engineering Journal, 2021, 403, 126328.	6.6	94
138	Luminescent Color Conversion on Cyanostilbeneâ€Functionalized Quantum Dots via Inâ€situ Photoâ€Tuning. Advanced Materials, 2012, 24, 4020-4024.	11.1	93
139	Cyclometalated Iridium(III)-Complex-Based Micelles for Glutathione-Responsive Targeted Chemotherapy and Photodynamic Therapy. ACS Applied Materials & Interfaces, 2017, 9, 27553-27562.	4.0	93
140	Recent advances in biocompatible nanocarriers for delivery of chemotherapeutic cargoes towards cancer therapy. Organic and Biomolecular Chemistry, 2014, 12, 4776.	1.5	92
141	Trace Carbon Dioxide Capture by Metalâ€“Organic Frameworks. ACS Sustainable Chemistry and Engineering, 2019, 7, 82-93.	3.2	92
142	Two-dimensional covalentâ€“organic frameworks for ultrahigh iodine capture. Journal of Materials Chemistry A, 2020, 8, 9523-9527.	5.2	92
143	Acid-Responsive Polymeric Doxorubicin Prodrug Nanoparticles Encapsulating a Near-Infrared Dye for Combined Photothermal-Chemotherapy. Chemistry of Materials, 2016, 28, 7039-7050.	3.2	90
144	An aza-BODIPY based near-infrared fluorescent probe for sensitive discrimination of cysteine/homocysteine and glutathione in living cells. Chemical Communications, 2017, 53, 5220-5223.	2.2	90

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145	Mechanical Bond-Induced Radical Stabilization. Journal of the American Chemical Society, 2013, 135, 456-467.	6.6	89
146	Recent Advances in Covalent Organic Framework-Based Nanosystems for Bioimaging and Therapeutic Applications. , 2020, 2, 1074-1092.		89
147	Rigidâ€Strutâ€Containing Crown Ethers and [2]Catenanes for Incorporation into Metalâ€“Organic Frameworks. Chemistry - A European Journal, 2009, 15, 13356-13380.	1.7	88
148	Self-assembled organic nanomedicine enables ultrastable photo-to-heat converting theranostics in the second near-infrared biowindow. Nature Communications, 2021, 12, 218.	5.8	88
149	Vanadium-based polyoxometalate as new material for sodium-ion battery anodes. Journal of Power Sources, 2015, 288, 270-277.	4.0	87
150	Click chemistry as a versatile reaction for construction and modification of metal-organic frameworks. Coordination Chemistry Reviews, 2019, 380, 484-518.	9.5	86
151	Thermo-responsive fluorescent vesicles assembled by fluorescein-functionalized pillar[5]arene. RSC Advances, 2013, 3, 368-371.	1.7	85
152	Hostâ€“guest complexation driven dynamic supramolecular self-assembly. Organic and Biomolecular Chemistry, 2013, 11, 2070.	1.5	84
153	Self-Assembled Hybrid Nanostructures: Versatile Multifunctional Nanoplatforms for Cancer Diagnosis and Therapy. Chemistry of Materials, 2018, 30, 25-53.	3.2	83
154	Crystal Multiâ€Conformational Control Through Deformable Carbonâ€Sulfur Bond for Singletâ€Triplet Emissive Tuning. Angewandte Chemie - International Edition, 2019, 58, 4328-4333.	7.2	82
155	Strain-Engineering of Bi₁₂O₁₇Br₂ Nanotubes for Boosting Photocatalytic CO₂ Reduction. , 2020, 2, 1025-1032.		82
156	Nanozymes: Versatile Platforms for Cancer Diagnosis and Therapy. Nano-Micro Letters, 2022, 14, 95.	14.4	82
157	Fabrication of Ruthenium Nanoparticles in Porous Organic Polymers: Towards Advanced Heterogeneous Catalytic Nanoreactors. Chemistry - A European Journal, 2015, 21, 19016-19027.	1.7	81
158	Occurrence of Chiral Nanostructures Induced by Multiple Hydrogen Bonds. Journal of the American Chemical Society, 2019, 141, 9946-9954.	6.6	81
159	Hierarchical NiO@Nâ€Doped Carbon Microspheres with Ultrathin Nanosheet Subunits as Excellent Photocatalysts for Hydrogen Evolution. Small, 2019, 15, e1901024.	5.2	81
160	Synergistic Effect of Mesoporous Co₃O₄Nanowires Confined by N-Doped Graphene Aerogel for Enhanced Lithium Storage. Small, 2016, 12, 3849-3860.	5.2	80
161	Chiral covalent organic frameworks for asymmetric catalysis and chiral separation. Science China Chemistry, 2017, 60, 1015-1022.	4.2	79
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