

Chengzhong Yu

List of Publications by Year in descending order

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374
papers

28,697
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3919

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times ranked

26164
citing authors

#	ARTICLE	IF	CITATIONS
1	Ordered Mesoporous Polymers and Homologous Carbon Frameworks: Amphiphilic Surfactant Templating and Direct Transformation. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 7053-7059.	7.2	1,218
2	Nanoparticle vaccines. <i>Vaccine</i> , 2014, 32, 327-337.	1.7	737
3	Highly Ordered Mesoporous Bioactive Glasses with Superior In Vitro Bone-Forming Bioactivities. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5980-5984.	7.2	613
4	A Facile Aqueous Route to Synthesize Highly Ordered Mesoporous Polymers and Carbon Frameworks with Ia3 _d Bicontinuous Cubic Structure. <i>Journal of the American Chemical Society</i> , 2005, 127, 13508-13509.	6.6	588
5	Cubic Mesoporous Silica with Large Controllable Entrance Sizes and Advanced Adsorption Properties. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 3146-3150.	7.2	487
6	Self-adjusted synthesis of ordered stable mesoporous minerals by acid-base pairs. <i>Nature Materials</i> , 2003, 2, 159-163.	13.3	445
7	General Synthesis of Ordered Crystallized Metal Oxide Nanoarrays Replicated by Microwave-Digested Mesoporous Silica. <i>Advanced Materials</i> , 2003, 15, 1370-1374.	11.1	421
8	Surfactant-Free Assembly of Mesoporous Carbon Hollow Spheres with Large Tunable Pore Sizes. <i>ACS Nano</i> , 2016, 10, 4579-4586.	7.3	374
9	Antibiotic-Free Antibacterial Strategies Enabled by Nanomaterials: Progress and Perspectives. <i>Advanced Materials</i> , 2020, 32, e1904106.	11.1	368
10	Functional Nanoporous Graphene Foams with Controlled Pore Sizes. <i>Advanced Materials</i> , 2012, 24, 4419-4423.	11.1	350
11	Ordered, Nanostructured Tin-Based Oxides/Carbon Composite as the Negative-Electrode Material for Lithium-Ion Batteries. <i>Advanced Materials</i> , 2004, 16, 1432-1436.	11.1	348
12	High-Yield Synthesis of Periodic Mesoporous Silica Rods and Their Replication to Mesoporous Carbon Rods. <i>Advanced Materials</i> , 2002, 14, 1742-1745.	11.1	342
13	A graphene modified anode to improve the performance of microbial fuel cells. <i>Journal of Power Sources</i> , 2011, 196, 5402-5407.	4.0	335
14	The in-vitro bioactivity of mesoporous bioactive glasses. <i>Biomaterials</i> , 2006, 27, 3396-3403.	5.7	327
15	Nonionic Block Copolymer Synthesis of Large-Pore Cubic Mesoporous Single Crystals by Use of Inorganic Salts. <i>Journal of the American Chemical Society</i> , 2002, 124, 4556-4557.	6.6	311
16	Morphology Development of Mesoporous Materials: a Colloidal Phase Separation Mechanism. <i>Chemistry of Materials</i> , 2004, 16, 889-898.	3.2	306
17	Facile Synthesis and Characterization of Novel Mesoporous and Mesorelief Oxides with Gyroidal Structures. <i>Journal of the American Chemical Society</i> , 2004, 126, 865-875.	6.6	297
18	Hyaluronic acid modified mesoporous silica nanoparticles for targeted drug delivery to CD44-overexpressing cancer cells. <i>Nanoscale</i> , 2013, 5, 178-183.	2.8	286

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19	Understanding Effect of Wall Structure on the Hydrothermal Stability of Mesostructured Silica SBA-15. <i>Journal of Physical Chemistry B</i> , 2005, 109, 8723-8732.	1.2	270
20	Room-Temperature Synthesis in Acidic Media of Large-Pore Three-Dimensional Bicontinuous Mesoporous Silica with Ia3d Symmetry. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 3876-3878.	7.2	269
21	Periodic Mesoporous Organosilica Hollow Spheres with Tunable Wall Thickness. <i>Journal of the American Chemical Society</i> , 2006, 128, 6320-6321.	6.6	262
22	Rapid and high-capacity immobilization of enzymes based on mesoporous silicas with controlled morphologies. Electronic supplementary information (ESI) available: XRD and nitrogen sorption isotherms for MPSs used in bioimmobilization. See http://www.rsc.org/suppdata/cc/b3/b304391f/ . <i>Chemical Communications</i> , 2003, , 2140.	2.2	254
23	Low-Temperature Strategy to Synthesize Highly Ordered Mesoporous Silicas with Very Large Pores. <i>Journal of the American Chemical Society</i> , 2005, 127, 10794-10795.	6.6	251
24	Li-MoO_3 Nanobelts: A High Performance Cathode Material for Lithium Ion Batteries. <i>Journal of Physical Chemistry C</i> , 2010, 114, 21868-21872.	1.5	248
25	Poly-L-lysine Functionalized Large Pore Cubic Mesostructured Silica Nanoparticles as Biocompatible Carriers for Gene Delivery. <i>ACS Nano</i> , 2012, 6, 2104-2117.	7.3	247
26	Highly ordered large caged cubic mesoporous silica structures templated by triblock PEO-PBO-PEO copolymer. <i>Chemical Communications</i> , 2000, , 575-576.	2.2	245
27	MOF-on-MOF hybrids: Synthesis and applications. <i>Coordination Chemistry Reviews</i> , 2021, 432, 213743.	9.5	231
28	Silica Nanopollens Enhance Adhesion for Long-Term Bacterial Inhibition. <i>Journal of the American Chemical Society</i> , 2016, 138, 6455-6462.	6.6	219
29	Immobilization of enzymes in mesoporous materials: controlling the entrance to nanospace. <i>Microporous and Mesoporous Materials</i> , 2004, 73, 121-128.	2.2	218
30	A voltammetric sensor based on graphene-modified electrode for simultaneous determination of catechol and hydroquinone. <i>Journal of Electroanalytical Chemistry</i> , 2011, 650, 209-213.	1.9	217
31	Tailoring the Void Size of Iron Oxide@Carbon Yolk-Shell Structure for Optimized Lithium Storage. <i>Advanced Functional Materials</i> , 2014, 24, 4337-4342.	7.8	212
32	Microwave assisted template removal of siliceous porous materials. Electronic supplementary information (ESI) available: syntheses, XRD patterns, SEM image, Pb ²⁺ extraction images, ²⁹ Si MAS NMR and TG curves. See http://www.rsc.org/suppdata/cc/b2/b202180c/ . <i>Chemical Communications</i> , 2002, , 1186-1187.	2.2	209
33	Mesoporous silica nanoparticles as antigen carriers and adjuvants for vaccine delivery. <i>Nanoscale</i> , 2013, 5, 5167.	2.8	206
34	One-Step Nanocasting Synthesis of Highly Ordered Single Crystalline Indium Oxide Nanowire Arrays from Mesostructured Frameworks. <i>Journal of the American Chemical Society</i> , 2003, 125, 4724-4725.	6.6	203
35	Anion Assisted Synthesis of Large Pore Hollow Dendritic Mesoporous Organosilica Nanoparticles: Understanding the Composition Gradient. <i>Chemistry of Materials</i> , 2016, 28, 704-707.	3.2	199
36	On the Origin of Helical Mesostructures. <i>Journal of the American Chemical Society</i> , 2006, 128, 10460-10466.	6.6	194

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37	Cheap and scalable synthesis of γ -Fe ₂ O ₃ multi-shelled hollow spheres as high-performance anode materials for lithium ion batteries. <i>Chemical Communications</i> , 2013, 49, 8695.	2.2	192
38	Mesotunnels on the Silica Wall of Ordered SBA-15 to Generate Three-Dimensional Large-Pore Mesoporous Networks. <i>Journal of the American Chemical Society</i> , 2001, 123, 12113-12114.	6.6	177
39	Nanoparticles Mimicking Viral Surface Topography for Enhanced Cellular Delivery. <i>Advanced Materials</i> , 2013, 25, 6233-6237.	11.1	174
40	Tailored Yolk-Shell Sn@C Nanoboxes for High-Performance Lithium Storage. <i>Advanced Functional Materials</i> , 2017, 27, 1606023.	7.8	173
41	Mesoporous Silica Nanoparticles for Protein Protection and Delivery. <i>Frontiers in Chemistry</i> , 2019, 7, 290.	1.8	159
42	Lithium-Catalyzed Dehydrogenation of Ammonia Borane within Mesoporous Carbon Framework for Chemical Hydrogen Storage. <i>Advanced Functional Materials</i> , 2009, 19, 265-271.	7.8	156
43	Simultaneous determination of dopamine, ascorbic acid and uric acid on ordered mesoporous carbon/Nafion composite film. <i>Journal of Electroanalytical Chemistry</i> , 2009, 625, 82-87.	1.9	151
44	Fast preparation of highly ordered nonsiliceous mesoporous materials via mixed inorganic precursors. <i>Chemical Communications</i> , 2002, , 1824-1825.	2.2	148
45	Advances in silica based nanoparticles for targeted cancer therapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 317-332.	1.7	145
46	Synthesis of ordered mesoporous carbon monoliths with bicontinuous cubic pore structure of Ia3d symmetry. <i>Chemical Communications</i> , 2002, , 2842-2843.	2.2	144
47	Amorphous Metal-Organic Framework-Dominated Nanocomposites with Both Compositional and Structural Heterogeneity for Oxygen Evolution. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3630-3637.	7.2	143
48	Structure-Dependent and Glutathione-Responsive Biodegradable Dendritic Mesoporous Organosilica Nanoparticles for Safe Protein Delivery. <i>Chemistry of Materials</i> , 2016, 28, 9008-9016.	3.2	142
49	Core-Cone Structured Monodispersed Mesoporous Silica Nanoparticles with Ultra-Large Cavity for Protein Delivery. <i>Small</i> , 2015, 11, 5949-5955.	5.2	140
50	An Ordered Mesoporous Carbon with Short Pore Length and Its Electrochemical Performances in Supercapacitor Applications. <i>Journal of the Electrochemical Society</i> , 2007, 154, A731.	1.3	138
51	Ternary MOF-on-MOF heterostructures with controllable architectural and compositional complexity via multiple selective assembly. <i>Nature Communications</i> , 2020, 11, 4971.	5.8	138
52	Periodic mesoporous silica and organosilica with controlled morphologies as carriers for drug release. <i>Microporous and Mesoporous Materials</i> , 2009, 117, 213-219.	2.2	137
53	Clinical translation of silica nanoparticles. <i>Nature Reviews Materials</i> , 2021, 6, 1072-1074.	23.3	137
54	Nanoengineering of Core-Shell Magnetic Mesoporous Microspheres with Tunable Surface Roughness. <i>Journal of the American Chemical Society</i> , 2017, 139, 4954-4961.	6.6	135

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55	Glutathione-depletion mesoporous organosilica nanoparticles as a self-adjuvant and Co-delivery platform for enhanced cancer immunotherapy. <i>Biomaterials</i> , 2018, 175, 82-92.	5.7	135
56	Anionic surfactant induced mesophase transformation to synthesize highly ordered large-pore mesoporous silica structures. <i>Journal of Materials Chemistry</i> , 2006, 16, 1511.	6.7	130
57	Mesoporous bioactive glasses. I. Synthesis and structural characterization. <i>Journal of Non-Crystalline Solids</i> , 2005, 351, 3209-3217.	1.5	128
58	Multi-shelled Dendritic Mesoporous Organosilica Hollow Spheres: Roles of Composition and Architecture in Cancer Immunotherapy. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8446-8450.	7.2	128
59	Silica-Based Nanoparticles for Biomedical Applications: From Nanocarriers to Biomodulators. <i>Accounts of Chemical Research</i> , 2020, 53, 1545-1556.	7.6	128
60	A designed nanoporous material for phosphate removal with high efficiency. <i>Journal of Materials Chemistry</i> , 2011, 21, 2489.	6.7	127
61	Mechanism of Iron Oxide-Induced Macrophage Activation: The Impact of Composition and the Underlying Signaling Pathway. <i>Journal of the American Chemical Society</i> , 2019, 141, 6122-6126.	6.6	126
62	Synthesis of Magnesium Oxide Hierarchical Microspheres: A Dual-Functional Material for Water Remediation. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 21278-21286.	4.0	124
63	Salt effect in the synthesis of mesoporous silica templated by non-ionic block copolymers. <i>Chemical Communications</i> , 2001, , 2726-2727.	2.2	122
64	High-Content, Well-Dispersed Fe_2O_3 Nanoparticles Encapsulated in Macroporous Silica with Superior Arsenic Removal Performance. <i>Advanced Functional Materials</i> , 2014, 24, 1354-1363.	7.8	118
65	Mesoporous bioactive glasses for controlled drug release. <i>Microporous and Mesoporous Materials</i> , 2008, 109, 210-215.	2.2	113
66	A Facile One-Step Solvothermal Synthesis of SnO_2 /Graphene Nanocomposite and Its Application as an Anode Material for Lithium-Ion Batteries. <i>ChemPhysChem</i> , 2011, 12, 278-281.	1.0	111
67	Recent advances in the synthesis of non-siliceous mesoporous materials. <i>Current Opinion in Solid State and Materials Science</i> , 2003, 7, 191-197.	5.6	109
68	Plasmid DNA Delivery: Nanotopography Matters. <i>Journal of the American Chemical Society</i> , 2017, 139, 18247-18254.	6.6	109
69	Rational Design of Multifunctional Dendritic Mesoporous Silica Nanoparticles to Load Curcumin and Enhance Efficacy for Breast Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 26511-26523.	4.0	108
70	Hybrid Nanoreactors: Enabling an Off-the-Shelf Strategy for Concurrently Enhanced Chemo-Immunotherapy. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11764-11769.	7.2	108
71	Asymmetric Silica Nanoparticles with Tunable Head-Tail Structures Enhance Hemocompatibility and Maturation of Immune Cells. <i>Journal of the American Chemical Society</i> , 2017, 139, 6321-6328.	6.6	105
72	Synthesis and hydrodesulfurization properties of NiW catalyst supported on high-aluminum-content, highly ordered, and hydrothermally stable Al-SBA-15. <i>Journal of Catalysis</i> , 2012, 286, 124-136.	3.1	103

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73	Polypyrrole-Coated Zinc Ferrite Hollow Spheres with Improved Cycling Stability for Lithium-Ion Batteries. <i>Small</i> , 2016, 12, 3732-3737.	5.2	102
74	Synthesis and Bio-adsorptive Properties of Large-Pore Periodic Mesoporous Organosilica Rods. <i>Chemistry of Materials</i> , 2005, 17, 6172-6176.	3.2	100
75	Hollow Mesoporous Carbon Nanocubes: Rigid-Interface-Induced Outward Contraction of Metal-Organic Frameworks. <i>Advanced Functional Materials</i> , 2018, 28, 1705253.	7.8	100
76	Self-Organized Mesoporous Hollow Carbon Nanoparticles via a Surfactant-Free Sequential Heterogeneous Nucleation Pathway. <i>Chemistry of Materials</i> , 2015, 27, 6297-6304.	3.2	99
77	Functionalized large pore mesoporous silica nanoparticles for gene delivery featuring controlled release and co-delivery. <i>Journal of Materials Chemistry B</i> , 2014, 2, 718-726.	2.9	97
78	An Interface-Directed Coassembly Approach To Synthesize Uniform Large-Pore Mesoporous Silica Spheres. <i>Journal of the American Chemical Society</i> , 2014, 136, 1884-1892.	6.6	97
79	MOFs derived Co/Cu bimetallic nanoparticles embedded in graphitized carbon nanocubes as efficient Fenton catalysts. <i>Journal of Hazardous Materials</i> , 2020, 394, 122567.	6.5	97
80	High-Temperature and Long-Term Stable Solid-State Electrolyte for Dye-Sensitized Solar Cells by Self-assembly. <i>Chemistry of Materials</i> , 2006, 18, 5173-5177.	3.2	96
81	Nitrogen-doped ordered mesoporous carbon single crystals: aqueous organic-organic self-assembly and superior supercapacitor performance. <i>Journal of Materials Chemistry A</i> , 2015, 3, 24041-24048.	5.2	96
82	Stepwise Degradable Nanocarriers Enabled Cascade Delivery for Synergistic Cancer Therapy. <i>Advanced Functional Materials</i> , 2018, 28, 1800706.	7.8	96
83	Cubic Mesoporous Silica with Large Controllable Entrance Sizes and Advanced Adsorption Properties. <i>Angewandte Chemie</i> , 2003, 115, 3254-3258.	1.6	94
84	Green Synthesis of Hexagonal-Shaped $WO_3 \cdot 0.33H_2O$ Nanodiscs Composed of Nanosheets. <i>Crystal Growth and Design</i> , 2008, 8, 3993-3998.	1.4	94
85	Ultrasmall, Well-Dispersed, Hollow Siliceous Spheres with Enhanced Endocytosis Properties. <i>Small</i> , 2010, 6, 276-282.	5.2	93
86	Nonionic Block Copolymer and Anionic Mixed Surfactants Directed Synthesis of Highly Ordered Mesoporous Silica with Bicontinuous Cubic Structure. <i>Chemistry of Materials</i> , 2005, 17, 3228-3234.	3.2	91
87	Siliceous Unilamellar Vesicles and Foams by Using Block-Copolymer Cooperative Vesicle Templating. <i>Advanced Functional Materials</i> , 2007, 17, 613-617.	7.8	91
88	Rationally designed functional macroporous materials as new adsorbents for efficient phosphorus removal. <i>Journal of Materials Chemistry</i> , 2012, 22, 9983.	6.7	90
89	Mesoporous silica nanoparticles enhance the cytotoxicity of curcumin. <i>RSC Advances</i> , 2014, 4, 709-712.	1.7	90
90	One Template Synthesis of Raspberry-like Hierarchical Siliceous Hollow Spheres. <i>Journal of the American Chemical Society</i> , 2007, 129, 14576-14577.	6.6	89

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91	Site-specific growth of MOF-on-MOF heterostructures with controllable nano-architectures: beyond the combination of MOF analogues. <i>Chemical Science</i> , 2020, 11, 3680-3686.	3.7	89
92	Small-sized and large-pore dendritic mesoporous silica nanoparticles enhance antimicrobial enzyme delivery. <i>Journal of Materials Chemistry B</i> , 2016, 4, 2646-2653.	2.9	87
93	Rechargeable aluminum-selenium batteries with high capacity. <i>Chemical Science</i> , 2018, 9, 5178-5182.	3.7	87
94	Curcumin-cyclodextrin encapsulated chitosan nanoconjugates with enhanced solubility and cell cytotoxicity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 117, 520-527.	2.5	86
95	Core-Shell Prussian Blue Analogs with Compositional Heterogeneity and Open Cages for Oxygen Evolution Reaction. <i>Advanced Science</i> , 2019, 6, 1801901.	5.6	86
96	Bio-electrocatalysis of NADH and ethanol based on graphene sheets modified electrodes. <i>Talanta</i> , 2011, 85, 1174-1179.	2.9	85
97	Effect of Surface Functionality of Silica Nanoparticles on Cellular Uptake and Cytotoxicity. <i>Molecular Pharmaceutics</i> , 2014, 11, 3642-3655.	2.3	84
98	Transition metal sulfides grown on graphene fibers for wearable asymmetric supercapacitors with high volumetric capacitance and high energy density. <i>Scientific Reports</i> , 2016, 6, 26890.	1.6	84
99	Nanosheet-Based Bi ₂ MoW ₁₀ O ₆ Solid Solutions with Adjustable Band Gaps and Enhanced Visible-Light-Driven Photocatalytic Activities. <i>Journal of Physical Chemistry C</i> , 2010, 114, 18812-18818.	1.5	83
100	Synthesis of Mesoporous Silica from Commercial Poly(ethylene oxide)/Poly(butylene oxide) Copolymers: Toward the Rational Design of Ordered Mesoporous Materials. <i>Journal of Physical Chemistry B</i> , 2003, 107, 13368-13375.	1.2	82
101	Biphasic Synthesis of Large-Pore and Well-Dispersed Benzene Bridged Mesoporous Organosilica Nanoparticles for Intracellular Protein Delivery. <i>Small</i> , 2015, 11, 2743-2749.	5.2	82
102	From natural aluminosilicate minerals to hierarchical ZSM-5 zeolites: A nanoscale depolymerization-reorganization approach. <i>Journal of Catalysis</i> , 2014, 319, 200-210.	3.1	81
103	Dual-Functional Ultrafiltration Membrane for Simultaneous Removal of Multiple Pollutants with High Performance. <i>Environmental Science & Technology</i> , 2017, 51, 5098-5107.	4.6	81
104	Synthesis of Ordered Cubic Periodic Mesoporous Organosilicas with Ultra-Large Pores. <i>Chemistry of Materials</i> , 2007, 19, 1870-1876.	3.2	80
105	Eliciting Immunogenic Cell Death via a Unitized Nanoinducer. <i>Nano Letters</i> , 2020, 20, 6246-6254.	4.5	80
106	Three-Dimensional Low Symmetry Mesoporous Silica Structures Templated from Tetra-Headgroup Rigid Bolaform Quaternary Ammonium Surfactant. <i>Journal of the American Chemical Society</i> , 2005, 127, 6780-6787.	6.6	79
107	Layered graphene/mesoporous carbon heterostructures with improved mesopore accessibility for high performance capacitive deionization. <i>Journal of Materials Chemistry A</i> , 2018, 6, 14272-14280.	5.2	77
108	Openwork@Dendritic Mesoporous Silica Nanoparticles for Lactate Depletion and Tumor Microenvironment Regulation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 22054-22062.	7.2	76

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109	Understanding the contribution of surface roughness and hydrophobic modification of silica nanoparticles to enhanced therapeutic protein delivery. <i>Journal of Materials Chemistry B</i> , 2016, 4, 212-219.	2.9	75
110	Hard-Sphere Packing and Icosahedral Assembly in the Formation of Mesoporous Materials. <i>Journal of the American Chemical Society</i> , 2007, 129, 9044-9048.	6.6	73
111	Enlargement of uniform micropores in hierarchically ordered micro-mesoporous carbon for high level decontamination of bisphenol A. <i>Journal of Materials Chemistry A</i> , 2014, 2, 8534.	5.2	73
112	In situ Stober templating: facile synthesis of hollow mesoporous carbon spheres from silica-polymer composites for ultra-high level in-cavity adsorption. <i>Journal of Materials Chemistry A</i> , 2016, 4, 9063-9071.	5.2	73
113	Block copolymer templating syntheses of ordered large-pore stable mesoporous aluminophosphates and Fe-aluminophosphate based on an acid-base pair-route. <i>Microporous and Mesoporous Materials</i> , 2004, 67, 123-133.	2.2	72
114	Siliceous Nanopods from a Compromised Dual-Templating Approach. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 8579-8582.	7.2	72
115	A Vesicle Supra-Assembly Approach to Synthesize Amine-Functionalized Hollow Dendritic Mesoporous Silica Nanospheres for Protein Delivery. <i>Small</i> , 2016, 12, 5169-5177.	5.2	72
116	A simple approach to prepare monodisperse mesoporous silica nanospheres with adjustable sizes. <i>Journal of Colloid and Interface Science</i> , 2012, 376, 67-75.	5.0	71
117	Programmable drug release using bioresponsive mesoporous silica nanoparticles for site-specific oral drug delivery. <i>Chemical Communications</i> , 2014, 50, 5547-5550.	2.2	71
118	Synthesis of Siliceous Hollow Spheres with Ultra Large Mesopore Wall Structures by Reverse Emulsion Templating. <i>Chemistry Letters</i> , 2002, 31, 62-63.	0.7	70
119	A Phospho-Directed Macroporous Alumina-Silica Nanoreactor with Multi-Functions. <i>ACS Nano</i> , 2009, 3, 3656-3662.	7.3	70
120	New Understanding and Simple Approach to Synthesize Highly Hydrothermally Stable and Ordered Mesoporous Materials. <i>Chemistry of Materials</i> , 2009, 21, 5413-5425.	3.2	69
121	Mesoporous Magnesium Oxide Hollow Spheres as Superior Arsenite Adsorbent: Synthesis and Adsorption Behavior. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 25306-25312.	4.0	69
122	Supra-Assembly of Siliceous Vesicles. <i>Journal of the American Chemical Society</i> , 2006, 128, 15992-15993.	6.6	68
123	Free-standing monolithic nanoporous graphene foam as a high performance aluminum-ion battery cathode. <i>Journal of Materials Chemistry A</i> , 2017, 5, 19416-19421.	5.2	68
124	Shaping Nanoparticles with Hydrophilic Compositions and Hydrophobic Properties as Nanocarriers for Antibiotic Delivery. <i>ACS Central Science</i> , 2015, 1, 328-334.	5.3	65
125	Silica-based nanoparticles for therapeutic protein delivery. <i>Journal of Materials Chemistry B</i> , 2017, 5, 3241-3252.	2.9	65
126	Dendritic Mesoporous Silica Nanoparticles with Abundant Ti ⁴⁺ for Phosphopeptide Enrichment from Cancer Cells with 96% Specificity. <i>Analytical Chemistry</i> , 2018, 90, 7617-7625.	3.2	65

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127	Ferroptosis-Strengthened Metabolic and Inflammatory Regulation of Tumor-Associated Macrophages Provokes Potent Tumoricidal Activities. <i>Nano Letters</i> , 2021, 21, 6471-6479.	4.5	65
128	Mo _{1-x} W _{1-x} O ₃ ·0.33H ₂ O Solid Solutions with Tunable Band Gaps. <i>Journal of Physical Chemistry C</i> , 2010, 114, 20947-20954.	1.5	64
129	Silencing oncogene expression in cervical cancer stem-like cells inhibits their cell growth and self-renewal ability. <i>Cancer Gene Therapy</i> , 2011, 18, 897-905.	2.2	63
130	Tailoring mesoporous-silica nanoparticles for robust immobilization of lipase and biocatalysis. <i>Nano Research</i> , 2017, 10, 605-617.	5.8	63
131	Modulating in vitro release and solubility of griseofulvin using functionalized mesoporous silica nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2014, 434, 218-225.	5.0	62
132	TiO ₂ -Modified Macroporous Silica Foams for Advanced Enrichment of Multi-Phosphorylated Peptides. <i>Chemistry - A European Journal</i> , 2009, 15, 2504-2508.	1.7	61
133	Rod-like mesoporous silica nanoparticles with rough surfaces for enhanced cellular delivery. <i>Journal of Materials Chemistry B</i> , 2014, 2, 253-256.	2.9	61
134	Low-cost and large-scale synthesis of functional porous materials for phosphate removal with high performance. <i>Nanoscale</i> , 2013, 5, 6173.	2.8	60
135	A magnetite nanocrystal/graphene composite as high performance anode for lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2012, 514, 76-80.	2.8	59
136	Semiconducting MOF@ZnS Heterostructures for Photocatalytic Hydrogen Peroxide Production: Heterojunction Coverage Matters. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	59
137	Macroporous Materials as Novel Catalysts for Efficient and Controllable Proteolysis. <i>Analytical Chemistry</i> , 2009, 81, 5749-5756.	3.2	57
138	Synthesis of nanorattles with layered double hydroxide core and mesoporous silica shell as delivery vehicles. <i>Journal of Materials Chemistry</i> , 2011, 21, 10641.	6.7	56
139	Designed synthesis of LiMn ₂ O ₄ microspheres with adjustable hollow structures for lithium-ion battery applications. <i>Journal of Materials Chemistry A</i> , 2013, 1, 837-842.	5.2	56
140	Control of ordered structure and morphology of large-pore periodic mesoporous organosilicas by inorganic salt. <i>Microporous and Mesoporous Materials</i> , 2006, 91, 59-69.	2.2	55
141	Controllable Adsorption of Reduced Graphene Oxide onto Self-Assembled Alkanethiol Monolayers on Gold Electrodes: Tunable Electrode Dimension and Potential Electrochemical Applications. <i>Journal of Physical Chemistry C</i> , 2010, 114, 4389-4393.	1.5	55
142	Engine-Trailer-Structured Nanotrucks for Efficient Nano-Bio Interactions and Bioimaging-Guided Drug Delivery. <i>CheM</i> , 2020, 6, 1097-1112.	5.8	55
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