

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3181631/publications.pdf>

Version: 2024-02-01

629
papers

99,968
citations

113

163
h-index

293

292
g-index

679
all docs

679
docs citations

679
times ranked

58193
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonionic Triblock and Star Diblock Copolymer and Oligomeric Surfactant Syntheses of Highly Ordered, Hydrothermally Stable, Mesoporous Silica Structures. <i>Journal of the American Chemical Society</i> , 1998, 120, 6024-6036.	6.6	6,320
2	Carbon Materials for Chemical Capacitive Energy Storage. <i>Advanced Materials</i> , 2011, 23, 4828-4850.	11.1	2,593
3	Generalized syntheses of large-pore mesoporous metal oxides with semicrystalline frameworks. <i>Nature</i> , 1998, 396, 152-155.	13.7	2,408
4	On the Controllable Soft-Templating Approach to Mesoporous Silicates. <i>Chemical Reviews</i> , 2007, 107, 2821-2860.	23.0	2,164
5	Superparamagnetic High-Magnetization Microspheres with an Fe ₃ O ₄ @SiO ₂ Core and Perpendicularly Aligned Mesoporous SiO ₂ Shell for Removal of Microcystins. <i>Journal of the American Chemical Society</i> , 2008, 130, 28-29.	6.6	1,588
6	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
7	Block Copolymer Templating Syntheses of Mesoporous Metal Oxides with Large Ordering Lengths and Semicrystalline Framework. <i>Chemistry of Materials</i> , 1999, 11, 2813-2826.	3.2	1,111
8	Morphological Control of Highly Ordered Mesoporous Silica SBA-15. <i>Chemistry of Materials</i> , 2000, 12, 275-279.	3.2	1,069
9	Mesoporous materials for energy conversion and storage devices. <i>Nature Reviews Materials</i> , 2016, 1, .	23.3	1,031
10	A Family of Highly Ordered Mesoporous Polymer Resin and Carbon Structures from Organic/Organic Self-Assembly. <i>Chemistry of Materials</i> , 2006, 18, 4447-4464.	3.2	1,005
11	Multifunctional Mesoporous Composite Microspheres with Well-Designed Nanostructure: A Highly Integrated Catalyst System. <i>Journal of the American Chemical Society</i> , 2010, 132, 8466-8473.	6.6	887
12	Ordered Mesoporous Black TiO ₂ as Highly Efficient Hydrogen Evolution Photocatalyst. <i>Journal of the American Chemical Society</i> , 2014, 136, 9280-9283.	6.6	878
13	A Controllable Synthesis of Rich Nitrogen-Doped Ordered Mesoporous Carbon for CO ₂ Capture and Supercapacitors. <i>Advanced Functional Materials</i> , 2013, 23, 2322-2328.	7.8	861
14	Highly Water-Dispersible Biocompatible Magnetite Particles with Low Cytotoxicity Stabilized by Citrate Groups. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5875-5879.	7.2	856
15	Continuous Mesoporous Silica Films with Highly Ordered Large Pore Structures. <i>Advanced Materials</i> , 1998, 10, 1380-1385.	11.1	842
16	General Oriented Formation of Carbon Nanotubes from Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2017, 139, 8212-8221.	6.6	777
17	Mesocellular Siliceous Foams with Uniformly Sized Cells and Windows. <i>Journal of the American Chemical Society</i> , 1999, 121, 254-255.	6.6	772
18	Extension of The Stober Method to the Preparation of Monodisperse Resorcinol-Formaldehyde Resin Polymer and Carbon Spheres. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 5947-5951.	7.2	745

#	ARTICLE	IF	CITATIONS
19	Double-Shelled CoMn ₂ O ₄ Hollow Microcubes as High-Capacity Anodes for Lithium-Ion Batteries. <i>Advanced Materials</i> , 2012, 24, 745-748.	11.1	665
20	Biphase Stratification Approach to Three-Dimensional Dendritic Biodegradable Mesoporous Silica Nanospheres. <i>Nano Letters</i> , 2014, 14, 923-932.	4.5	639
21	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
22	A Low-Concentration Hydrothermal Synthesis of Biocompatible Ordered Mesoporous Carbon Nanospheres with Tunable and Uniform Size. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 7987-7991.	7.2	608
23	Two-Dimensional Mesoporous Carbon Nanosheets and Their Derived Graphene Nanosheets: Synthesis and Efficient Lithium Ion Storage. <i>Journal of the American Chemical Society</i> , 2013, 135, 1524-1530.	6.6	591
24	A Facile Aqueous Route to Synthesize Highly Ordered Mesoporous Polymers and Carbon Frameworks with a Bicontinuous Cubic Structure. <i>Journal of the American Chemical Society</i> , 2005, 127, 13508-13509.	6.6	588
25	Triconstituent Co-assembly to Ordered Mesostructured Polymer-Silica and Carbon-Silica Nanocomposites and Large-Pore Mesoporous Carbons with High Surface Areas. <i>Journal of the American Chemical Society</i> , 2006, 128, 11652-11662.	6.6	579
26	Ordered mesoporous materials as adsorbents. <i>Chemical Communications</i> , 2011, 47, 3332.	2.2	561
27	A facile soft-template synthesis of mesoporous polymeric and carbonaceous nanospheres. <i>Nature Communications</i> , 2013, 4, .	5.8	555
28	Lab on upconversion nanoparticles: optical properties and applications engineering via designed nanostructure. <i>Chemical Society Reviews</i> , 2015, 44, 1346-1378.	18.7	532
29	Intricate Hollow Structures: Controlled Synthesis and Applications in Energy Storage and Conversion. <i>Advanced Materials</i> , 2017, 29, 1602914.	11.1	523
30	Graphitic Carbon Conformal Coating of Mesoporous TiO ₂ Hollow Spheres for High-Performance Lithium Ion Battery Anodes. <i>Journal of the American Chemical Society</i> , 2015, 137, 13161-13166.	6.6	518
31	Carbon Nanodots Featuring Efficient FRET for Real-Time Monitoring of Drug Delivery and Two-Photon Imaging. <i>Advanced Materials</i> , 2013, 25, 6569-6574.	11.1	494
32	Highly Efficient Adsorption of Bulky Dye Molecules in Wastewater on Ordered Mesoporous Carbons. <i>Chemistry of Materials</i> , 2009, 21, 706-716.	3.2	493
33	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
34	Emerging trends in porous materials for CO ₂ capture and conversion. <i>Chemical Society Reviews</i> , 2020, 49, 4360-4404.	18.7	473
35	Fabrication of Ag@SiO ₂ @Y ₂ O ₃ :Er Nanostructures for Bioimaging: Tuning of the Upconversion Fluorescence with Silver Nanoparticles. <i>Journal of the American Chemical Society</i> , 2010, 132, 2850-2851.	6.6	463
36	High-Performance Ionic Diode Membrane for Salinity Gradient Power Generation. <i>Journal of the American Chemical Society</i> , 2014, 136, 12265-12272.	6.6	462

#	ARTICLE	IF	CITATIONS
37	Evaluating Pore Sizes in Mesoporous Materials: A Simplified Standard Adsorption Method and a Simplified Broekhoff-de Boer Method. <i>Langmuir</i> , 1999, 15, 5403-5409.	1.6	456
38	Self-adjusted synthesis of ordered stable mesoporous minerals by acid-base pairs. <i>Nature Materials</i> , 2003, 2, 159-163.	13.3	445
39	Simple and Green Synthesis of Nitrogen-Doped Photoluminescent Carbonaceous Nanospheres for Bioimaging. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 8151-8155.	7.2	430
40	Supramolecular Aggregates as Templates: Ordered Mesoporous Polymers and Carbons. <i>Chemistry of Materials</i> , 2008, 20, 932-945.	3.2	415
41	A Perspective on Mesoporous TiO ₂ Materials. <i>Chemistry of Materials</i> , 2014, 26, 287-298.	3.2	413
42	Hexagonal to Mesocellular Foam Phase Transition in Polymer-Templated Mesoporous Silicas. <i>Langmuir</i> , 2000, 16, 8291-8295.	1.6	404
43	A Versatile Kinetics-Controlled Coating Method To Construct Uniform Porous TiO ₂ Shells for Multifunctional Core-Shell Structures. <i>Journal of the American Chemical Society</i> , 2012, 134, 11864-11867.	6.6	403
44	Large-pore ordered mesoporous materials templated from non-Pluronic amphiphilic block copolymers. <i>Chemical Society Reviews</i> , 2013, 42, 4054-4070.	18.7	403
45	Alumination and Ion Exchange of Mesoporous SBA-15 Molecular Sieves. <i>Chemistry of Materials</i> , 1999, 11, 1621-1627.	3.2	393
46	Controlled Sn-Doping in TiO ₂ Nanowire Photoanodes with Enhanced Photoelectrochemical Conversion. <i>Nano Letters</i> , 2012, 12, 1503-1508.	4.5	390
47	Versatile Nanoemulsion Assembly Approach to Synthesize Functional Mesoporous Carbon Nanospheres with Tunable Pore Sizes and Architectures. <i>Journal of the American Chemical Society</i> , 2019, 141, 7073-7080.	6.6	388
48	Strongly Acidic and High-Temperature Hydrothermally Stable Mesoporous Aluminosilicates with Ordered Hexagonal Structure. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 1258-1262.	7.2	378
49	Ordered Mesoporous Silicas and Carbons with Large Accessible Pores Templated from Amphiphilic Diblock Copolymer Poly(ethylene oxide)-b-polystyrene. <i>Journal of the American Chemical Society</i> , 2007, 129, 1690-1697.	6.6	377
50	Uniform yolk-shell iron sulfide-carbon nanospheres for superior sodium-iron sulfide batteries. <i>Nature Communications</i> , 2015, 6, 8689.	5.8	374
51	General synthesis of complex nanotubes by gradient electrospinning and controlled pyrolysis. <i>Nature Communications</i> , 2015, 6, 7402.	5.8	370
52	Host-Guest Chemistry in the Synthesis of Ordered Nonsiliceous Mesoporous Materials. <i>Accounts of Chemical Research</i> , 2006, 39, 423-432.	7.6	360
53	Mesoporous Multifunctional Upconversion Luminescent and Magnetic Nanorattle Materials for Targeted Chemotherapy. <i>Nano Letters</i> , 2012, 12, 61-67.	4.5	360
54	A Self-Template Strategy for the Synthesis of Mesoporous Carbon Nanofibers as Advanced Supercapacitor Electrodes. <i>Advanced Energy Materials</i> , 2011, 1, 382-386.	10.2	359

#	ARTICLE	IF	CITATIONS
55	Anisotropic Growth-Induced Synthesis of Dual-Compartment Janus Mesoporous Silica Nanoparticles for Bimodal Triggered Drugs Delivery. <i>Journal of the American Chemical Society</i> , 2014, 136, 15086-15092.	6.6	357
56	Controllable Synthesis of Mesoporous Peapodâ€like $\text{Co}_{3</sub>}\text{O}_{4</sub>}$ @Carbon Nanotube Arrays for Highâ€Performance Lithiumâ€Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7060-7064.	7.2	355
57	Functional Nanoporous Graphene Foams with Controlled Pore Sizes. <i>Advanced Materials</i> , 2012, 24, 4419-4423.	11.1	350
58	Solâ€Gel Design Strategy for Ultradispersed $\text{TiO}_{2</sub>}$ Nanoparticles on Graphene for High-Performance Lithium Ion Batteries. <i>Journal of the American Chemical Society</i> , 2013, 135, 18300-18303.	6.6	348
59	Facile synthesis of porous carbon nitride spheres with hierarchical three-dimensional mesostructures for CO_2 capture. <i>Nano Research</i> , 2010, 3, 632-642.	5.8	347
60	Mesoporous Aluminosilicates with Ordered Hexagonal Structure, Strong Acidity, and Extraordinary Hydrothermal Stability at High Temperatures. <i>Journal of the American Chemical Society</i> , 2001, 123, 5014-5021.	6.6	343
61	A comprehensive study on KOH activation of ordered mesoporous carbons and their supercapacitor application. <i>Journal of Materials Chemistry</i> , 2012, 22, 93-99.	6.7	343
62	Amorphous $\text{TiO}_{2</sub>}$ Shells: A Vital Elastic Buffering Layer on Silicon Nanoparticles for Highâ€Performance and Safe Lithium Storage. <i>Advanced Materials</i> , 2017, 29, 1700523.	11.1	342
63	Uniform Nanostructured Arrays of Sodium Rareâ€Earth Fluorides for Highly Efficient Multicolor Upconversion Luminescence. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 7976-7979.	7.2	341
64	$\text{LiNi}_{0.5</sub>}\text{Mn}_{1.5</sub>}\text{O}_{4</sub>}$ Hollow Structures as Highâ€Performance Cathodes for Lithiumâ€Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 239-241.	7.2	340
65	Ordered Mesoporous Pd/Silicaâ€Carbon as a Highly Active Heterogeneous Catalyst for Coupling Reaction of Chlorobenzene in Aqueous Media. <i>Journal of the American Chemical Society</i> , 2009, 131, 4541-4550.	6.6	339
66	Porous Co_3O_4 materials prepared by solid-state thermolysis of a novel Co-MOF crystal and their superior energy storage performances for supercapacitors. <i>Journal of Materials Chemistry A</i> , 2013, 1, 7235.	5.2	335
67	Nitrogen-containing carbon spheres with very large uniform mesopores: The superior electrode materials for EDLC in organic electrolyte. <i>Carbon</i> , 2007, 45, 1757-1763.	5.4	330
68	Ordered mesoporous non-oxide materials. <i>Chemical Society Reviews</i> , 2011, 40, 3854.	18.7	328
69	The in-vitro bioactivity of mesoporous bioactive glasses. <i>Biomaterials</i> , 2006, 27, 3396-3403.	5.7	327
70	Incorporation of Titanium into Mesoporous Silica Molecular Sieve SBA-15. <i>Chemistry of Materials</i> , 1999, 11, 3680-3686.	3.2	324
71	Hetero-atom-doped carbon dots: Doping strategies, properties and applications. <i>Nano Today</i> , 2020, 33, 100879.	6.2	318
72	General and Controllable Synthesis of Novel Mesoporous Magnetic Iron Oxide@Carbon Encapsulates for Efficient Arsenic Removal. <i>Advanced Materials</i> , 2012, 24, 485-491.	11.1	312

#	ARTICLE	IF	CITATIONS
73	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
74	Morphology Development of Mesoporous Materials: a Colloidal Phase Separation Mechanism. <i>Chemistry of Materials</i> , 2004, 16, 889-898.	3.2	306
75	Synthesis of mesoporous carbon spheres with a hierarchical pore structure for the electrochemical double-layer capacitor. <i>Carbon</i> , 2011, 49, 1248-1257.	5.4	302
76	Spatially Confined Fabrication of Core-Shell Gold Nanocages@Mesoporous Silica for Near-Infrared Controlled Photothermal Drug Release. <i>Chemistry of Materials</i> , 2013, 25, 3030-3037.	3.2	302
77	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
78	Designed synthesis of mesoporous solids via nonionic-surfactant-templating approach. <i>Chemical Communications</i> , 2007, , 897-926.	2.2	297
79	Highly Ordered Mesoporous Silica Films with Perpendicular Mesochannels by a Simple Stober-Solution Growth Approach. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2173-2177.	7.2	291
80	One-Step Synthesis and Assembly of Copper Sulfide Nanoparticles to Nanowires, Nanotubes, and Nanovesicles by a Simple Organic Amine-Assisted Hydrothermal Process. <i>Nano Letters</i> , 2002, 2, 725-728.	4.5	288
81	Room temperature growth of mesoporous silica fibers: A new high-surface-area optical waveguide. <i>Advanced Materials</i> , 1997, 9, 974-978.	11.1	287
82	Highly Specific Enrichment of Glycopeptides Using Boronic Acid-Functionalized Mesoporous Silica. <i>Analytical Chemistry</i> , 2009, 81, 503-508.	3.2	287
83	Direct Imaging the Upconversion Nanocrystal Core/Shell Structure at the Subnanometer Level: Shell Thickness Dependence in Upconverting Optical Properties. <i>Nano Letters</i> , 2012, 12, 2852-2858.	4.5	287
84	Highly Ordered Mesoporous Crystalline MoSe ₂ Material with Efficient Visible-Light-Driven Photocatalytic Activity and Enhanced Lithium Storage Performance. <i>Advanced Functional Materials</i> , 2013, 23, 1832-1838.	7.8	285
85	Synthesis of Core/Shell Colloidal Magnetic Zeolite Microspheres for the Immobilization of Trypsin. <i>Advanced Materials</i> , 2009, 21, 1377-1382.	11.1	281
86	Achieving High-Performance Room-Temperature Sodium-Sulfur Batteries With S@Interconnected Mesoporous Carbon Hollow Nanospheres. <i>Journal of the American Chemical Society</i> , 2016, 138, 16576-16579.	6.6	280
87	Hydrothermal Etching Assisted Crystallization: A Facile Route to Functional Yolk-Shell Titanate Microspheres with Ultrathin Nanosheets-Assembled Double Shells. <i>Journal of the American Chemical Society</i> , 2011, 133, 15830-15833.	6.6	278
88	Triblock-Copolymer-Directed Syntheses of Large-Pore Mesoporous Silica Fibers. <i>Chemistry of Materials</i> , 1998, 10, 2033-2036.	3.2	277
89	Successive Layer-by-Layer Strategy for Multi-Shell Epitaxial Growth: Shell Thickness and Doping Position Dependence in Upconverting Optical Properties. <i>Chemistry of Materials</i> , 2013, 25, 106-112.	3.2	277
90	Fabrication of Ordered Porous Structures by Self-Assembly of Zeolite Nanocrystals. <i>Journal of the American Chemical Society</i> , 2000, 122, 3530-3531.	6.6	274

#	ARTICLE	IF	CITATIONS
91	New Insight into the Synthesis of Large-Pore Ordered Mesoporous Materials. <i>Journal of the American Chemical Society</i> , 2017, 139, 1706-1713.	6.6	274
92	General Strategy to Synthesize Uniform Mesoporous TiO ₂ /Graphene/Mesoporous TiO ₂ Sandwich-Like Nanosheets for Highly Reversible Lithium Storage. <i>Nano Letters</i> , 2015, 15, 2186-2193.	4.5	273
93	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
94	Extension of the Stober Method to Construct Mesoporous SiO ₂ and TiO ₂ Shells for Uniform Multifunctional Core-Shell Structures. <i>Advanced Materials</i> , 2013, 25, 142-149.	11.1	270
95	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
96	Single-band upconversion nanoprobe for multiplexed simultaneous in situ molecular mapping of cancer biomarkers. <i>Nature Communications</i> , 2015, 6, 6938.	5.8	269
97	An overview of the synthesis of ordered mesoporous materials. <i>Chemical Communications</i> , 2013, 49, 943-946.	2.2	263
98	Porous Carbon Composites for Next Generation Rechargeable Lithium Batteries. <i>Advanced Energy Materials</i> , 2017, 7, 1700283.	10.2	263
99	Mesoporous titania: From synthesis to application. <i>Nano Today</i> , 2012, 7, 344-366.	6.2	260
100	Highly Reversible and Large Lithium Storage in Mesoporous Si/C Nanocomposite Anodes with Silicon Nanoparticles Embedded in a Carbon Framework. <i>Advanced Materials</i> , 2014, 26, 6749-6755.	11.1	260
101	Core-shell structured titanium dioxide nanomaterials for solar energy utilization. <i>Chemical Society Reviews</i> , 2018, 47, 8203-8237.	18.7	258
102	Nitrogen enriched mesoporous carbon spheres obtained by a facile method and its application for electrochemical capacitor. <i>Electrochemistry Communications</i> , 2007, 9, 569-573.	2.3	255
103	Free-Standing Mesoporous Carbon Thin Films with Highly Ordered Pore Architectures for Nanodevices. <i>Journal of the American Chemical Society</i> , 2011, 133, 15148-15156.	6.6	255
104	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
105	Ordered Mesoporous Materials Based on Interfacial Assembly and Engineering. <i>Advanced Materials</i> , 2013, 25, 5129-5152.	11.1	254
106	Synthesis of 2D Mesoporous Carbon/MoS ₂ Heterostructures with Well-Defined Interfaces for High-Performance Lithium-Ion Batteries. <i>Advanced Materials</i> , 2016, 28, 9385-9390.	11.1	253
107	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
108	Highly Ordered Mesoporous Tungsten Oxides with a Large Pore Size and Crystalline Framework for H ₂ S Sensing. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9035-9040.	7.2	250

#	ARTICLE	IF	CITATIONS
109	Highly ordered large caged cubic mesoporous silica structures templated by triblock PEO- <i>b</i> -PBO- <i>b</i> -PEO copolymer. <i>Chemical Communications</i> , 2000, , 575-576.	2.2	245
110	Uniform Ordered Two-Dimensional Mesoporous TiO ₂ Nanosheets from Hydrothermal-Induced Solvent-Confined Monomicelle Assembly. <i>Journal of the American Chemical Society</i> , 2018, 140, 4135-4143.	6.6	242
111	New faces of porous Prussian blue: interfacial assembly of integrated hetero-structures for sensing applications. <i>Chemical Society Reviews</i> , 2015, 44, 7997-8018.	18.7	240
112	An Interface Coassembly in Biliquid Phase: Toward Core-Shell Magnetic Mesoporous Silica Microspheres with Tunable Pore Size. <i>Journal of the American Chemical Society</i> , 2015, 137, 13282-13289.	6.6	239
113	An Aqueous Cooperative Assembly Route To Synthesize Ordered Mesoporous Carbons with Controlled Structures and Morphology. <i>Chemistry of Materials</i> , 2006, 18, 5279-5288.	3.2	238
114	A Facile Multi-interface Transformation Approach to Monodisperse Multiple-Shelled Periodic Mesoporous Organosilica Hollow Spheres. <i>Journal of the American Chemical Society</i> , 2015, 137, 7935-7944.	6.6	238
115	Yolk-shell silicon-mesoporous carbon anode with compact solid electrolyte interphase film for superior lithium-ion batteries. <i>Nano Energy</i> , 2015, 18, 133-142.	8.2	238
116	Controllable and Repeatable Synthesis of Thermally Stable Anatase Nanocrystal-Silica Composites with Highly Ordered Hexagonal Mesostructures. <i>Journal of the American Chemical Society</i> , 2007, 129, 13894-13904.	6.6	233
117	Pt Nanoparticles Sensitized Ordered Mesoporous WO ₃ Semiconductor: Gas Sensing Performance and Mechanism Study. <i>Advanced Functional Materials</i> , 2018, 28, 1705268.	7.8	231
118	Multiphase Assembly of Mesoporous-Macroporous Membranes. <i>Chemistry of Materials</i> , 1999, 11, 1174-1178.	3.2	227
119	A General Chelate-Assisted Co-Assembly to Metallic Nanoparticles-Incorporated Ordered Mesoporous Carbon Catalysts for Fischer-Tropsch Synthesis. <i>Journal of the American Chemical Society</i> , 2012, 134, 17653-17660.	6.6	227
120	Doped Mesoporous Silica Fibers: A New Laser Material. <i>Advanced Materials</i> , 1999, 11, 632-636.	11.1	225
121	QMOF-1 and QMOF-2: Three-Dimensional Metal-Organic Open Frameworks with a Quartzlike Topology. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 4471-4473.	7.2	223
122	An Interface-Induced Co-Assembly Approach Towards Ordered Mesoporous Carbon/Graphene Aerogel for High-Performance Supercapacitors. <i>Advanced Functional Materials</i> , 2015, 25, 526-533.	7.8	222
123	Filtration Shell Mediated Power Density Independent Orthogonal Excitations-Emissions Upconversion Luminescence. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2464-2469.	7.2	219
124	Immobilization of enzymes in mesoporous materials: controlling the entrance to nanospace. <i>Microporous and Mesoporous Materials</i> , 2004, 73, 121-128.	2.2	218
125	Synthesis of nitrogen-doped hollow carbon nanospheres for CO ₂ capture. <i>Chemical Communications</i> , 2014, 50, 329-331.	2.2	215
126	Nitrogen-doped ordered mesoporous carbons based on cyanamide as the dopant for supercapacitor. <i>Carbon</i> , 2015, 84, 335-346.	5.4	210

#	ARTICLE	IF	CITATIONS
127	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/ . Chemical Communications, 2002, , 1186-1187.	2.2	209
128	Ordered Mesoporous Platinum@Graphitic Carbon Embedded Nanophase as a Highly Active, Stable, and Methanol-Tolerant Oxygen Reduction Electrocatalyst. Journal of the American Chemical Society, 2012, 134, 2236-2245.	6.6	208
129	Single-micelle-directed synthesis of mesoporous materials. Nature Reviews Materials, 2019, 4, 775-791.	23.3	208
130	Facile Synthesis of Hierarchically Porous Carbons from Dual Colloidal Crystal/Block Copolymer Template Approach. Chemistry of Materials, 2007, 19, 3271-3277.	3.2	207
131	Facile Synthesis of Uniform Virus-like Mesoporous Silica Nanoparticles for Enhanced Cellular Internalization. ACS Central Science, 2017, 3, 839-846.	5.3	207
132	Dumbbell-shaped Bi-component Mesoporous Janus Solid Nanoparticles for Biphasic Interface Catalysis. Angewandte Chemie - International Edition, 2017, 56, 8459-8463.	7.2	204
133	One-Step Nanocasting Synthesis of Highly Ordered Single Crystalline Indium Oxide Nanowire Arrays from Mesostructured Frameworks. Journal of the American Chemical Society, 2003, 125, 4724-4725.	6.6	203
134	Comprehensive Study of Pore Evolution, Mesostructural Stability, and Simultaneous Surface Functionalization of Ordered Mesoporous Carbon (FDU-15) by Wet Oxidation as a Promising Adsorbent. Langmuir, 2010, 26, 10277-10286.	1.6	203
135	Hierarchically Ordered Macro-/Mesoporous Silica Monolith: Tuning Macropore Entrance Size for Size-Selective Adsorption of Proteins. Chemistry of Materials, 2011, 23, 2176-2184.	3.2	200
136	Mesoporous Tungsten Oxides with Crystalline Framework for Highly Sensitive and Selective Detection of Foodborne Pathogens. Journal of the American Chemical Society, 2017, 139, 10365-10373.	6.6	200
137	Facile strategy for controllable synthesis of stable mesoporous black TiO ₂ hollow spheres with efficient solar-driven photocatalytic hydrogen evolution. Journal of Materials Chemistry A, 2016, 4, 7495-7502.	5.2	198
138	Shape, Size, and Phase-controlled Rare-earth Fluoride Nanocrystals with Optical Up-conversion Properties. Chemistry - A European Journal, 2009, 15, 11010-11019.	1.7	195
139	On the Origin of Helical Mesostructures. Journal of the American Chemical Society, 2006, 128, 10460-10466.	6.6	194
140	Nd ³⁺ Sensitized Up/Down Converting Dual-Mode Nanomaterials for Efficient In-vitro and In-vivo Bioimaging Excited at 800 nm. Scientific Reports, 2013, 3, 3536.	1.6	188
141	Plasmolysis-Inspired Nanoengineering of Functional Yolk-shell Microspheres with Magnetic Core and Mesoporous Silica Shell. Journal of the American Chemical Society, 2017, 139, 15486-15493.	6.6	187
142	Hydrothermal Synthesis and Structural Characterization of Zeolite-like Structures Based on Gallium and Aluminum Germanates. Journal of the American Chemical Society, 1998, 120, 13389-13397.	6.6	186
143	Topological construction of mesoporous materials. Current Opinion in Solid State and Materials Science, 1998, 3, 111-121.	5.6	185
144	Biomolecule separation using large pore mesoporous SBA-15 as a substrate in high performance liquid chromatography. Chemical Communications, 2002, , 752-753.	2.2	183

#	ARTICLE	IF	CITATIONS
145	Facile Synthesis of Yolk-Shell Structured Inorganic-Organic Hybrid Spheres with Ordered Radial Mesochannels. <i>Advanced Materials</i> , 2014, 26, 3741-3747.	11.1	181
146	Mesoporous Organosilica Hollow Nanoparticles: Synthesis and Applications. <i>Advanced Materials</i> , 2019, 31, e1707612.	11.1	179
147	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
148	One-step hydrothermal synthesis of ordered mesostructured carbonaceous monoliths with hierarchical porosities. <i>Chemical Communications</i> , 2008, , 2641.	2.2	177
149	Highly efficient lanthanide upconverting nanomaterials: Progresses and challenges. <i>Nano Today</i> , 2013, 8, 643-676.	6.2	177
150	Engineering Homogeneous Doping in Single Nanoparticle To Enhance Upconversion Efficiency. <i>Nano Letters</i> , 2014, 14, 3634-3639.	4.5	176
151	Synthesis and microwave absorption of uniform hematite nanoparticles and their core-shell mesoporous silica nanocomposites. <i>Journal of Materials Chemistry</i> , 2009, 19, 6706.	6.7	174
152	A Simple Melt Impregnation Method to Synthesize Ordered Mesoporous Carbon and Carbon Nanofiber Bundles with Graphitized Structure from Pitches. <i>Journal of Physical Chemistry B</i> , 2004, 108, 17320-17328.	1.2	173
153	Controlled Synthesis of Ordered Mesoporous TiO_2 Nanocomposites with Crystalline Titania Frameworks from Organic-Inorganic Amphiphilic Coassembly. <i>Chemistry of Materials</i> , 2008, 20, 1140-1146.	3.2	173
154	Facile synthesis of mesoporous carbon nitrides using the incipient wetness method and the application as hydrogen adsorbent. <i>Journal of Materials Chemistry</i> , 2011, 21, 10801.	6.7	172
155	Synthesis of orthogonally assembled 3D cross-stacked metal oxide semiconducting nanowires. <i>Nature Materials</i> , 2020, 19, 203-211.	13.3	172
156	Dual-Pore Mesoporous Carbon@Silica Composite Core-Shell Nanospheres for Multidrug Delivery. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5366-5370.	7.2	170
157	Facile Synthesis of Hierarchically Ordered Porous Carbon via <i>In Situ</i> Self-Assembly of Colloidal Polymer and Silica Spheres and Its Use as a Catalyst Support. <i>Chemistry of Materials</i> , 2010, 22, 3433-3440.	3.2	169
158	Fluorescence Upconversion Microbarcodes for Multiplexed Biological Detection: Nucleic Acid Encoding. <i>Advanced Materials</i> , 2011, 23, 3775-3779.	11.1	169
159	Synthesis of Partially Graphitic Ordered Mesoporous Carbons with High Surface Areas. <i>Advanced Energy Materials</i> , 2011, 1, 115-123.	10.2	169
160	NIR-Triggered Release of Caged Nitric Oxide using Upconverting Nanostructured Materials. <i>Small</i> , 2012, 8, 3800-3805.	5.2	168
161	Deformable Hollow Periodic Mesoporous Organosilica Nanocapsules for Significantly Improved Cellular Uptake. <i>Journal of the American Chemical Society</i> , 2018, 140, 1385-1393.	6.6	168
162	Container Effect in Nanocasting Synthesis of Mesoporous Metal Oxides. <i>Journal of the American Chemical Society</i> , 2011, 133, 14542-14545.	6.6	167

#	ARTICLE	IF	CITATIONS
163	Yolk@Shell SiO ₂ /C microspheres with semi-graphitic carbon coating on the exterior and interior surfaces for durable lithium storage. <i>Energy Storage Materials</i> , 2019, 19, 299-305.	9.5	167
164	Rapid Separation and Purification of Nanoparticles in Organic Density Gradients. <i>Journal of the American Chemical Society</i> , 2010, 132, 2333-2337.	6.6	166
165	Core-shell Ag@SiO ₂ @mSiO ₂ mesoporous nanocarriers for metal-enhanced fluorescence. <i>Chemical Communications</i> , 2011, 47, 11618.	2.2	164
166	Anisotropic Encapsulation-Induced Synthesis of Asymmetric Single-Hole Mesoporous Nanocages. <i>Journal of the American Chemical Society</i> , 2015, 137, 5903-5906.	6.6	164
167	Mesoporous Materials for Electrochemical Energy Storage and Conversion. <i>Advanced Energy Materials</i> , 2020, 10, 2002152.	10.2	162
168	Synthesis of mesoporous manganosilicates: Mn-MCM-41, Mn-MCM-48 and Mn-MCM-L. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 875.	2.0	160
169	Three-Dimensional Cubic Mesoporous Structures of SBA-12 and Related Materials by Electron Crystallography. <i>Journal of Physical Chemistry B</i> , 2002, 106, 3118-3123.	1.2	160
170	Controllable synthesis of SnO ₂ @C yolk-shell nanospheres as a high-performance anode material for lithium ion batteries. <i>Nanoscale</i> , 2014, 6, 3217-3222.	2.8	160
171	Synthesis of Ordered Mesoporous Silica with Tunable Morphologies and Pore Sizes via a Nonpolar Solvent-Assisted Stober Method. <i>Chemistry of Materials</i> , 2016, 28, 2356-2362.	3.2	159
172	Controlled Synthesis of Semiconductor PbS Nanocrystals and Nanowires Inside Mesoporous Silica SBA-15 Phase. <i>Nano Letters</i> , 2001, 1, 743-748.	4.5	158
173	Solvent Evaporation Induced Aggregating Assembly Approach to Three-Dimensional Ordered Mesoporous Silica with Ultralarge Accessible Mesopores. <i>Journal of the American Chemical Society</i> , 2011, 133, 20369-20377.	6.6	158
174	Post-enrichment of nitrogen in soft-templated ordered mesoporous carbon materials for highly efficient phenol removal and CO ₂ capture. <i>Journal of Materials Chemistry</i> , 2012, 22, 11379.	6.7	154
175	Synthesis of Highly Ordered Mesoporous Crystalline WS ₂ and MoS ₂ via a High-Temperature Reductive Sulfuration Route. <i>Journal of the American Chemical Society</i> , 2007, 129, 9522-9531.	6.6	153
176	One-pot synthesis of thermally stable gold@mesoporous silica core-shell nanospheres with catalytic activity. <i>Nano Research</i> , 2013, 6, 871-879.	5.8	153
177	Incorporation of well-dispersed sub-5-nm graphitic pencil nanodots into ordered mesoporous frameworks. <i>Nature Chemistry</i> , 2016, 8, 171-178.	6.6	153
178	N-doped carbon hollow microspheres for metal-free quasi-solid-state full sodium-ion capacitors. <i>Nano Energy</i> , 2017, 41, 674-680.	8.2	153
179	A Large 24-Membered-Ring Germanate Zeolite-Type Open-Framework Structure with Three-Dimensional Intersecting Channels. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2166-2168.	7.2	152
180	Synchronous role of coupled adsorption and photocatalytic oxidation on ordered mesoporous anatase TiO ₂ @SiO ₂ nanocomposites generating excellent degradation activity of RhB dye. <i>Applied Catalysis B: Environmental</i> , 2010, 95, 197-207.	10.8	152

#	ARTICLE	IF	CITATIONS
181	A Micelle Fusion–Aggregation Assembly Approach to Mesoporous Carbon Materials with Rich Active Sites for Ultrasensitive Ammonia Sensing. <i>Journal of the American Chemical Society</i> , 2016, 138, 12586-12595.	6.6	152
182	A graphene-directed assembly route to hierarchically porous Co _x /C catalysts for high-performance oxygen reduction. <i>Journal of Materials Chemistry A</i> , 2015, 3, 16867-16873.	5.2	151
183	Interfacial Assembly and Applications of Functional Mesoporous Materials. <i>Chemical Reviews</i> , 2021, 121, 14349-14429.	23.0	151
184	Fast preparation of highly ordered nonsiliceous mesoporous materials via mixed inorganic precursors. <i>Chemical Communications</i> , 2002, , 1824-1825.	2.2	148
185	A Fast Way for Preparing Crack-Free Mesostructured Silica Monolith. <i>Chemistry of Materials</i> , 2003, 15, 536-541.	3.2	148
186	Synthesis of ordered mesoporous carbon monoliths with bicontinuous cubic pore structure of Ia3d symmetry. <i>Chemical Communications</i> , 2002, , 2842-2843.	2.2	144
187	Synthesis of Uniform Rare Earth Fluoride (NaMF ₄) Nanotubes by <i>In Situ</i> Ion Exchange from Their Hydroxide [M(OH) ₃] Parents. <i>ACS Nano</i> , 2009, 3, 159-164.	7.3	142
188	Spherical Mesoporous Materials from Single to Multilevel Architectures. <i>Accounts of Chemical Research</i> , 2019, 52, 2928-2938.	7.6	142
189	Ordered Mesoporous Crystalline β-Al ₂ O ₃ with Variable Architecture and Porosity from a Single Hard Template. <i>Journal of the American Chemical Society</i> , 2010, 132, 12042-12050.	6.6	141
190	Soft-template synthesis of ordered mesoporous carbon/nanoparticle nickel composites with a high surface area. <i>Carbon</i> , 2011, 49, 545-555.	5.4	141
191	Synthesis of continuous mesoporous silica thin films with three-dimensional accessible pore structures. <i>Chemical Communications</i> , 1998, , 2499-2500.	2.2	140
192	Ligand-Assisted Assembly Approach to Synthesize Large-Pore Ordered Mesoporous Titania with Thermally Stable and Crystalline Framework. <i>Advanced Energy Materials</i> , 2011, 1, 241-248.	10.2	139
193	Radially oriented mesoporous TiO ₂ microspheres with single-crystal-like anatase walls for high-efficiency optoelectronic devices. <i>Science Advances</i> , 2015, 1, e1500166.	4.7	139
194	Recent advances in the synthesis of hierarchically mesoporous TiO ₂ materials for energy and environmental applications. <i>National Science Review</i> , 2020, 7, 1702-1725.	4.6	139
195	Highly crystallized mesoporous TiO ₂ films and their applications in dye sensitized solar cells. <i>Journal of Materials Chemistry</i> , 2005, 15, 2414.	6.7	137
196	Formation of Hollow Upconversion Rare-Earth Fluoride Nanospheres: Nanoscale Kirkendall Effect During Ion Exchange. <i>Chemistry of Materials</i> , 2009, 21, 5237-5243.	3.2	135
197	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
198	One-pot synthesis of magnetically separable ordered mesoporous carbon. <i>Journal of Materials Chemistry</i> , 2009, 19, 3292.	6.7	134

#	ARTICLE	IF	CITATIONS
199	Ordered porous metal oxide semiconductors for gas sensing. Chinese Chemical Letters, 2018, 29, 405-416.	4.8	134
200	Solar-Driven Photoelectrochemical Probing of Nanodot/Nanowire/Cell Interface. Nano Letters, 2014, 14, 2702-2708.	4.5	132
201	Photooxidation of Olefins under Oxygen in Platinum(II) Complex-Loaded Mesoporous Molecular Sieves. Journal of the American Chemical Society, 2006, 128, 14685-14690.	6.6	131
202	Surface functionalization and manipulation of mesoporous silica adsorbents for improved removal of pollutants: a review. Environmental Science: Water Research and Technology, 2018, 4, 110-128.	1.2	131
203	Synthesis of uniform ordered mesoporous TiO ₂ microspheres with controllable phase junctions for efficient solar water splitting. Chemical Science, 2019, 10, 1664-1670.	3.7	131
204	Anionic surfactant induced mesophase transformation to synthesize highly ordered large-pore mesoporous silica structures. Journal of Materials Chemistry, 2006, 16, 1511.	6.7	130
205	Magnetic yolk-shell mesoporous silica microspheres with supported Au nanoparticles as recyclable high-performance nanocatalysts. Journal of Materials Chemistry A, 2015, 3, 4586-4594.	5.2	129
206	Molecularly Ordered Inorganic Frameworks in Layered Silicate Surfactant Mesophases. Journal of the American Chemical Society, 2001, 123, 4519-4529.	6.6	127
207	Controlled Synthesis and Functionalization of Ordered Large-Pore Mesoporous Carbons. Advanced Functional Materials, 2010, 20, 3658-3665.	7.8	127
208	Sol-Gel Synthesis of Metal-Phenolic Coordination Spheres and Their Derived Carbon Composites. Angewandte Chemie - International Edition, 2018, 57, 9838-9843.	7.2	127
209	Hierarchical bicontinuous porosity in metal-organic frameworks templated from functional block co-oligomer micelles. Chemical Science, 2013, 4, 3573.	3.7	124
210	Controllable Assembly of Ordered Semiconductor Ag ₂ S Nanostructures. Nano Letters, 2003, 3, 85-88.	4.5	123
211	Salt effect in the synthesis of mesoporous silica templated by non-ionic block copolymers. Chemical Communications, 2001, , 2726-2727.	2.2	122
212	Direct Supraassemblies of Freestanding Metal-Carbon Frameworks Featuring Reversible Crystalline-Phase Transformation for Electrochemical Sodium Storage. Journal of the American Chemical Society, 2016, 138, 16533-16541.	6.6	120
213	Spatial Isolation of Carbon and Silica in a Single Janus Mesoporous Nanoparticle with Tunable Amphiphilicity. Journal of the American Chemical Society, 2018, 140, 10009-10015.	6.6	120
214	Novel Mesoporous Silicates with Two-Dimensional Mesostructure Direction Using Rigid Bolaform Surfactants. Chemistry of Materials, 1999, 11, 2668-2672.	3.2	118
215	A Quasi-Solid-State Li-Ion Capacitor Based on Porous TiO ₂ Hollow Microspheres Wrapped with Graphene Nanosheets. Small, 2016, 12, 6207-6213.	5.2	118
216	Visible-Light Responsive TiO ₂ -Based Materials for Efficient Solar Energy Utilization. Advanced Energy Materials, 2021, 11, 2003303.	10.2	118

#	ARTICLE	IF	CITATIONS
217	Formation of Mesoporous Carbon With a Face-Centered-Cubic Fm Structure and Bimodal Architectural Pores From the Reverse Amphiphilic Triblock Copolymer PPO-PEO-PPO. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1089-1093.	7.2	117
218	Evaporation-Induced Coating and Self-Assembly of Ordered Mesoporous Carbon-Silica Composite Monoliths with Macroporous Architecture on Polyurethane Foams. <i>Advanced Functional Materials</i> , 2008, 18, 3914-3921.	7.8	117
219	An Aqueous Emulsion Route to Synthesize Mesoporous Carbon Vesicles and Their Nanocomposites. <i>Advanced Materials</i> , 2010, 22, 833-837.	11.1	117
220	Synthesis of Large-Pore Mesoporous Silica and Its Tubelike Carbon Replica. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 3930-3934.	7.2	116
221	Ultra-Large-Pore Mesoporous Carbons Templated from Poly(ethylene oxide)- <i>b</i> -Polystyrene Diblock Copolymer by Adding Polystyrene Homopolymer as a Pore Expander. <i>Chemistry of Materials</i> , 2008, 20, 7281-7286.	3.2	115
222	Three-Dimensional Pillar-Layered Copper(II) Metal-Organic Framework with Immobilized Functional OH Groups on Pore Surfaces for Highly Selective CO ₂ /CH ₄ and C ₂ H ₂ /CH ₄ Gas Sorption at Room Temperature. <i>Inorganic Chemistry</i> , 2011, 50, 3442-3446.	1.9	115
223	Mesoporous Monocrystalline TiO ₂ and Its Solid-State Electrochemical Properties. <i>Chemistry of Materials</i> , 2009, 21, 2540-2546.	3.2	114
224	Interface Tension-Induced Synthesis of Monodispersed Mesoporous Carbon Hemispheres. <i>Journal of the American Chemical Society</i> , 2015, 137, 2808-2811.	6.6	113
225	Near-Infrared Triggered Decomposition of Nanocapsules with High Tumor Accumulation and Stimuli Responsive Fast Elimination. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2611-2615.	7.2	111
226	Encapsulating highly crystallized mesoporous Fe ₃ O ₄ in hollow N-doped carbon nanospheres for high-capacity long-life sodium-ion batteries. <i>Nano Energy</i> , 2019, 56, 426-433.	8.2	111
227	A versatile ethanol-mediated polymerization of dopamine for efficient surface modification and the construction of functional core-shell nanostructures. <i>Journal of Materials Chemistry B</i> , 2013, 1, 6085.	2.9	110
228	Ultradispersed Palladium Nanoparticles in Three-Dimensional Dendritic Mesoporous Silica Nanospheres: Toward Active and Stable Heterogeneous Catalysts. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 17450-17459.	4.0	110
229	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
230	Soft-template synthesis of 3D porous graphene foams with tunable architectures for lithium-O ₂ batteries and oil adsorption applications. <i>Journal of Materials Chemistry A</i> , 2014, 2, 7973-7979.	5.2	108
231	Defect-engineering of mesoporous TiO ₂ microspheres with phase junctions for efficient visible-light driven fuel production. <i>Nano Energy</i> , 2019, 66, 104113.	8.2	107
232	Direct Triblock-Copolymer-Templating Synthesis of Highly Ordered Fluorinated Mesoporous Carbon. <i>Chemistry of Materials</i> , 2008, 20, 1012-1018.	3.2	106
233	Mesoporous Carbon Single-Crystals from Organic-Organic Self-Assembly. <i>Journal of the American Chemical Society</i> , 2007, 129, 7746-7747.	6.6	105
234	Mesoporous Silica Encapsulating Upconversion Luminescence Rare-Earth Fluoride Nanorods for Secondary Excitation. <i>Langmuir</i> , 2010, 26, 8850-8856.	1.6	105

#	ARTICLE	IF	CITATIONS
235	Controllable synthesis of mesoporous carbon nanospheres and Fe ³⁺ /N/carbon nanospheres as efficient oxygen reduction electrocatalysts. <i>Nanoscale</i> , 2015, 7, 6247-6254.	2.8	104
236	Rapid and Efficient Removal of Microcystins by Ordered Mesoporous Silica. <i>Environmental Science & Technology</i> , 2013, 47, 8633-8641.	4.6	103
237	Surfactant-templating strategy for ultrathin mesoporous TiO ₂ coating on flexible graphitized carbon supports for high-performance lithium-ion battery. <i>Nano Energy</i> , 2016, 25, 80-90.	8.2	103
238	Design of Amphiphilic ABC Triblock Copolymer for Templating Synthesis of Large-Pore Ordered Mesoporous Carbons with Tunable Pore Wall Thickness. <i>Chemistry of Materials</i> , 2009, 21, 3996-4005.	3.2	102
239	One-step synthesis of ordered mesoporous carbonaceous spheres by an aerosol-assisted self-assembly. <i>Chemical Communications</i> , 2007, , 2867.	2.2	101
240	Synthesis of Self-Supported Ordered Mesoporous Cobalt and Chromium Nitrides. <i>Advanced Functional Materials</i> , 2008, 18, 2436-2443.	7.8	101
241	Hydrophobic mesoporous materials for immobilization of enzymes. <i>Microporous and Mesoporous Materials</i> , 2009, 124, 76-83.	2.2	101
242	Synthesis of Dual-Mesoporous Silica Using Non-Ionic Diblock Copolymer and Cationic Surfactant as Co-Templates. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6149-6153.	7.2	101
243	Pore Structures of Ordered Large Cage-Type Mesoporous Silica FDU-12s. <i>Journal of Physical Chemistry B</i> , 2006, 110, 21467-21472.	1.2	100
244	Synthesis of ordered mesoporous alumina with large pore sizes and hierarchical structure. <i>Microporous and Mesoporous Materials</i> , 2011, 143, 406-412.	2.2	100
245	Two-Dimensional Mesoporous Heterostructure Delivering Superior Pseudocapacitive Sodium Storage via Bottom-Up Monomicelle Assembly. <i>Journal of the American Chemical Society</i> , 2019, 141, 16755-16762.	6.6	99
246	Hydrothermal synthesis of ordered mesoporous carbons from a biomass-derived precursor for electrochemical capacitors. <i>Nanoscale</i> , 2014, 6, 14657-14661.	2.8	98
247	Hierarchically tetramodal-porous zeolite ZSM-5 monoliths with template-free-derived intracrystalline mesopores. <i>Chemical Science</i> , 2014, 5, 1565.	3.7	98
248	A Microporous Metal-Organic Framework with Immobilized -OH Functional Groups within the Pore Surfaces for Selective Gas Sorption. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 3745-3749.	1.0	97
249	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
250	Reversible Two-Dimensional~Three Dimensional Framework Transformation within a Prototype Metal-Organic Framework. <i>Crystal Growth and Design</i> , 2009, 9, 5293-5296.	1.4	96
251	Rare-Earth Upconverting Nanobarcodes for Multiplexed Biological Detection. <i>Small</i> , 2011, 7, 1972-1976.	5.2	96
252	Cubic Mesoporous Silica with Large Controllable Entrance Sizes and Advanced Adsorption Properties. <i>Angewandte Chemie</i> , 2003, 115, 3254-3258.	1.6	94

#	ARTICLE	IF	CITATIONS
253	Controllable fabrication of uniform core-shell structured zeolite@SBA-15 composites. <i>Chemical Science</i> , 2011, 2, 2006.	3.7	94
254	Ordered mesoporous carbons and their corresponding column for highly efficient removal of microcystin-LR. <i>Energy and Environmental Science</i> , 2013, 6, 2765.	15.6	94
255	Synthesis of thermally stable mesoporous hexagonal aluminophosphate molecular sieves. <i>Chemical Communications</i> , 1997, , 1009-1010.	2.2	93
256	Chelation-assisted soft-template synthesis of ordered mesoporous zinc oxides for low concentration gas sensing. <i>Journal of Materials Chemistry A</i> , 2016, 4, 15064-15071.	5.2	93
257	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
258	Thick wall mesoporous carbons with a large pore structure templated from a weakly hydrophobic PEO-PMMA diblock copolymer. <i>Journal of Materials Chemistry</i> , 2008, 18, 91-97.	6.7	91
259	Multi-layered mesoporous TiO ₂ thin films with large pores and highly crystalline frameworks for efficient photoelectrochemical conversion. <i>Journal of Materials Chemistry A</i> , 2013, 1, 1591-1599.	5.2	91
260	Challenges in Fabrication of Mesoporous Carbon Films with Ordered Cylindrical Pores via Phenolic Oligomer Self-Assembly with Triblock Copolymers. <i>ACS Nano</i> , 2010, 4, 189-198.	7.3	90
261	sp ² -Hybridized Carbon-Containing Block Copolymer Templated Synthesis of Mesoporous Semiconducting Metal Oxides with Excellent Gas Sensing Property. <i>Accounts of Chemical Research</i> , 2019, 52, 714-725.	7.6	90
262	Synthesis of hierarchically porous carbon spheres with yolk-shell structure for high performance supercapacitors. <i>Catalysis Today</i> , 2015, 243, 199-208.	2.2	89
263	Ordered Mesoporous Alumina with Ultra-Large Pores as an Efficient Absorbent for Selective Bioenrichment. <i>Chemistry of Materials</i> , 2017, 29, 2211-2217.	3.2	89
264	Ordered Mesoporous Tin Oxide Semiconductors with Large Pores and Crystallized Walls for High-Performance Gas Sensing. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 1871-1880.	4.0	89
265	Kilogram-scale synthesis of ordered mesoporous carbons and their electrochemical performance. <i>Carbon</i> , 2011, 49, 4580-4588.	5.4	88
266	Dual-template synthesis of magnetically-separable hierarchically-ordered porous carbons by catalytic graphitization. <i>Carbon</i> , 2011, 49, 3055-3064.	5.4	87
267	Ordered mesoporous graphitized pyrolytic carbon materials: synthesis, graphitization, and electrochemical properties. <i>Journal of Materials Chemistry</i> , 2012, 22, 8835.	6.7	87
268	Mesoporous Silica Thin Membranes with Large Vertical Mesochannels for Nanosize-Based Separation. <i>Advanced Materials</i> , 2017, 29, 1702274.	11.1	87
269	A Resol-Assisted Co-Assembly Approach to Crystalline Mesoporous Niobia Spheres for Electrochemical Biosensing. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10505-10510.	7.2	85
270	Hierarchical Cu ₂ S Microsponges Constructed from Nanosheets for Efficient Photocatalysis. <i>Small</i> , 2013, 9, 2702-2708.	5.2	85

#	ARTICLE	IF	CITATIONS
271	Magnetically responsive ordered mesoporous materials: A burgeoning family of functional composite nanomaterials. <i>Chemical Physics Letters</i> , 2011, 510, 1-13.	1.2	84
272	In-Situ Crystallization Route to Nanorod-Aggregated Functional ZSM-5 Microspheres. <i>Journal of the American Chemical Society</i> , 2013, 135, 1181-1184.	6.6	84
273	Monodisperse core-shell structured magnetic mesoporous aluminosilicate nanospheres with large dendritic mesochannels. <i>Nano Research</i> , 2015, 8, 2503-2514.	5.8	84
274	Direct triblock-copolymer-templating synthesis of ordered nitrogen-containing mesoporous polymers. <i>Journal of Colloid and Interface Science</i> , 2010, 342, 579-585.	5.0	83
275	Synthesis of Mesoporous Silica from Commercial Poly(ethylene oxide)/Poly(butylene oxide) Copolymers: A Toward the Rational Design of Ordered Mesoporous Materials. <i>Journal of Physical Chemistry B</i> , 2003, 107, 13368-13375.	1.2	82
276	Novel approaches to synthesize self-supported ultrathin carbon nanowire arrays templated by MCM-41 Electronic supplementary information (ESI) available: synthesis of MCM-41; MWD details; TEM, SEM and FESEM images; N ₂ sorption data. See http://www.rsc.org/suppdata/cc/b3/b309670j/ . <i>Chemical Communications</i> , 2003, , 2726.	2.2	81
277	Mesoporous Silica Nanoreactors for Highly Efficient Proteolysis. <i>Chemistry - A European Journal</i> , 2005, 11, 5391-5396.	1.7	81
278	Synthesis of Ordered Cubic Periodic Mesoporous Organosilicas with Ultra-Large Pores. <i>Chemistry of Materials</i> , 2007, 19, 1870-1876.	3.2	80
279	Confined Interfacial Monomicelle Assembly for Precisely Controlled Coating of Single-Layered Titania Mesopores. <i>Matter</i> , 2019, 1, 527-538.	5.0	80
280	Sequential Chemistry Toward Core-Shell Structured Metal Sulfides as Stable and Highly Efficient Visible-Light Photocatalysts. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3287-3293.	7.2	80
281	Stable Ti ³⁺ Defects in Oriented Mesoporous Titania Frameworks for Efficient Photocatalysis. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17676-17683.	7.2	80
282	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
283	Facile Synthesis of Hierarchically Mesoporous Silica Particles with Controllable Cavity in Their Surfaces. <i>Langmuir</i> , 2010, 26, 702-708.	1.6	79
284	A General "Surface-Locking" Approach toward Fast Assembly and Processing of Large-Sized, Ordered, Mesoporous Carbon Microspheres. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13764-13768.	7.2	79
285	General Synthesis of Discrete Mesoporous Carbon Microspheres through a Confined Self-Assembly Process in Inverse Opals. <i>ACS Nano</i> , 2013, 7, 8706-8714.	7.3	79
286	Photoluminescence modification in upconversion rare-earth fluoride nanocrystal array constructed photonic crystals. <i>Journal of Materials Chemistry</i> , 2010, 20, 3895.	6.7	78
287	Ultralight Mesoporous Magnetic Frameworks by Interfacial Assembly of Prussian Blue Nanocubes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2888-2892.	7.2	78
288	Mass production of large-pore phosphorus-doped mesoporous carbon for fast-rechargeable lithium-ion batteries. <i>Energy Storage Materials</i> , 2019, 22, 147-153.	9.5	78

#	ARTICLE	IF	CITATIONS
289	Synthesis of mesoporous silica hollow nanospheres with multiple gold cores and catalytic activity. <i>Journal of Colloid and Interface Science</i> , 2014, 429, 62-67.	5.0	77
290	A template-catalyzed <i>in situ</i> polymerization and co-assembly strategy for rich nitrogen-doped mesoporous carbon. <i>Journal of Materials Chemistry A</i> , 2018, 6, 3162-3170.	5.2	77
291	Programmable synthesis of radially gradient-structured mesoporous carbon nanospheres with tunable core-shell architectures. <i>CheM</i> , 2021, 7, 1020-1032.	5.8	77
292	Photoelectric Performance of Bacteria Photosynthetic Proteins Entrapped on Tailored Mesoporous WO ₃ -TiO ₂ Films. <i>Langmuir</i> , 2005, 21, 4071-4076.	1.6	76
293	Silica-Templated Synthesis of Ordered Mesoporous Tungsten Carbide/Graphitic Carbon Composites with Nanocrystalline Walls and High Surface Areas via a Temperature-Programmed Carburization Route. <i>Small</i> , 2009, 5, 2738-2749.	5.2	76
294	Synthesis of Highly Stable and Crystalline Mesoporous Anatase by Using a Simple Surfactant Sulfuric Acid Carbonization Method. <i>Chemistry - A European Journal</i> , 2010, 16, 9977-9981.	1.7	76
295	Constructing Three-Dimensional Mesoporous Bouquet-Posy-like TiO ₂ Superstructures with Radially Oriented Mesochannels and Single-Crystal Walls. <i>Journal of the American Chemical Society</i> , 2017, 139, 517-526.	6.6	76
296	Mesoporous TiO ₂ Microspheres with Precisely Controlled Crystallites and Architectures. <i>CheM</i> , 2018, 4, 2436-2450.	5.8	76
297	Mesostructured Silica SBA-16 with Tailored Intrawall Porosity Part 1: Synthesis and Characterization. <i>Journal of Physical Chemistry C</i> , 2007, 111, 3053-3058.	1.5	75
298	Facile fabrication of hierarchically porous carbonaceous monoliths with ordered mesostructure via an organic self-assembly. <i>Nano Research</i> , 2009, 2, 242-253.	5.8	75
299	Excellent photocatalytic degradation activities of ordered mesoporous anatase TiO ₂ -SiO ₂ nanocomposites to various organic contaminants. <i>Journal of Hazardous Materials</i> , 2012, 229-230, 307-320.	6.5	75
300	Synthesis of well-dispersed layered double hydroxide core-ordered mesoporous silica shell nanostructure (LDH@mSiO ₂) and its application in drug delivery. <i>Nanoscale</i> , 2011, 3, 4069.	2.8	74
301	Mesoporous TiO ₂ Mesocrystals: Remarkable Defects-Induced Crystallite-Interface Reactivity and Their <i>In Situ</i> Conversion to Single Crystals. <i>ACS Central Science</i> , 2015, 1, 400-408.	5.3	74
302	Amphiphilic Block Copolymer Templated Synthesis of Mesoporous Indium Oxides with Nanosheet-Assembled Pore Walls. <i>Chemistry of Materials</i> , 2016, 28, 7997-8005.	3.2	74
303	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
304	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
305	Ordered Macro/Mesoporous TiO ₂ Hollow Microspheres with Highly Crystalline Thin Shells for High-Efficiency Photoconversion. <i>Small</i> , 2016, 12, 860-867.	5.2	71
306	Directly anchoring Fe ₃ C nanoclusters and Fe _{Nx} sites in ordered mesoporous nitrogen-doped graphitic carbons to boost electrocatalytic oxygen reduction. <i>Carbon</i> , 2017, 121, 143-153.	5.4	71

#	ARTICLE	IF	CITATIONS
307	Interfacial Superassembled Porous CeO ₂ /C Frameworks Featuring Efficient and Sensitive Decomposing Li ₂ O for Smart LiO Batteries. <i>Advanced Energy Materials</i> , 2019, 9, 1901751.	10.2	71
308	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
309	Growth of Single-Crystal Mesoporous Carbons with <i>I</i> 3 <i>m</i> Symmetry. <i>Chemistry of Materials</i> , 2010, 22, 4828-4833.	3.2	70
310	Direct Synthesis of Controllable Microstructures of Thermally Stable and Ordered Mesoporous Crystalline Titanium Oxides and Carbide/Carbon Composites. <i>Chemistry of Materials</i> , 2010, 22, 1760-1767.	3.2	70
311	Large-scale fabrication of three-dimensional ordered polymer films with strong structure colors and robust mechanical properties. <i>Journal of Materials Chemistry</i> , 2012, 22, 8069.	6.7	70
312	Uniform core-shell structured magnetic mesoporous TiO ₂ nanospheres as a highly efficient and stable sonocatalyst for the degradation of bisphenol-A. <i>Journal of Materials Chemistry A</i> , 2015, 3, 6492-6500.	5.2	70
313	Near-infrared manipulation of multiple neuronal populations via trichromatic upconversion. <i>Nature Communications</i> , 2021, 12, 5662.	5.8	70
314	Construction of 3D Layer-Pillared Homoligand Coordination Polymers from a 2D Layered Precursor. <i>Inorganic Chemistry</i> , 2006, 45, 8677-8684.	1.9	69
315	Mesoporous Fe ₂ O ₃ microspheres: Rapid and effective enrichment of phosphopeptides for MALDI-TOF MS analysis. <i>Journal of Colloid and Interface Science</i> , 2008, 318, 315-321.	5.0	69
316	Highly hydrothermal stability of ordered mesoporous aluminosilicates Al-SBA-15 with high Si/Al ratio. <i>Microporous and Mesoporous Materials</i> , 2010, 135, 95-104.	2.2	69
317	Super-assembled core-shell mesoporous silica-metal-phenolic network nanoparticles for combinatorial photothermal therapy and chemotherapy. <i>Nano Research</i> , 2020, 13, 1013-1019.	5.8	69
318	Multiwall carbon nanotube@mesoporous carbon with core-shell configuration: a well-designed composite-structure toward electrochemical capacitor application. <i>Journal of Materials Chemistry</i> , 2011, 21, 13025.	6.7	68
319	Chemical Vapor Deposition Growth of Well-Aligned Carbon Nanotube Patterns on Cubic Mesoporous Silica Films by Soft Lithography. <i>Chemistry of Materials</i> , 2001, 13, 2240-2242.	3.2	67
320	Catalytic dehydrogenation and cracking of industrial dipentene over M/SBA-15 (M=Al, Zn) catalysts. <i>Applied Catalysis A: General</i> , 2005, 296, 186-193.	2.2	67
321	Direct Heating Amino Acids with Silica: A Universal Solvent-Free Assembly Approach to Highly Nitrogen-Doped Mesoporous Carbon Materials. <i>Advanced Functional Materials</i> , 2016, 26, 6649-6661.	7.8	67
322	A facile one-pot synthesis of uniform core-shell silver nanoparticle@mesoporous silica nanospheres. <i>Chemical Communications</i> , 2011, 47, 8536.	2.2	66
323	A Template Carbonization Strategy to Synthesize Ordered Mesoporous Silica Microspheres with Trapped Sulfonated Carbon Nanoparticles for Efficient Catalysis. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10368-10372.	7.2	66
324	Highly Biocompatible Zwitterionic Phospholipids Coated Upconversion Nanoparticles for Efficient Bioimaging. <i>Analytical Chemistry</i> , 2014, 86, 9749-9757.	3.2	66

#	ARTICLE	IF	CITATIONS
325	Macroscopic synthesis of ultrafine N-doped carbon nanofibers for superior capacitive energy storage. <i>Science Bulletin</i> , 2019, 64, 1617-1624.	4.3	66
326	Superassembled Biocatalytic Porous Framework Micromotors with Reversible and Sensitive pH-Speed Regulation at Ultralow Physiological H ₂ O ₂ Concentration. <i>Advanced Functional Materials</i> , 2019, 29, 1808900.	7.8	66
327	Size and charge dual-transformable mesoporous nanoassemblies for enhanced drug delivery and tumor penetration. <i>Chemical Science</i> , 2020, 11, 2819-2827.	3.7	66
328	Multifunctional Upconversion-Magnetic Hybrid Nanostructured Materials: Synthesis and Bioapplications. <i>Theranostics</i> , 2013, 3, 292-305.	4.6	65
329	Mesoporous Silica-Coated Plasmonic Nanostructures for Surface-Enhanced Raman Scattering Detection and Photothermal Therapy. <i>Advanced Healthcare Materials</i> , 2014, 3, 1620-1628.	3.9	65
330	Surface-kinetics mediated mesoporous multipods for enhanced bacterial adhesion and inhibition. <i>Nature Communications</i> , 2019, 10, 4387.	5.8	65
331	Synthesis of ordered mesoporous MgO/carbon composites by a one-pot assembly of amphiphilic triblock copolymers. <i>Journal of Materials Chemistry</i> , 2011, 21, 795-800.	6.7	64
332	Assembly of uniform photoluminescent microcomposites using a novel microfluidic jet-spray-dryer. <i>AIChE Journal</i> , 2011, 57, 2726-2737.	1.8	64
333	Fully Solar-Powered Photoelectrochemical Conversion for Simultaneous Energy Storage and Chemical Sensing. <i>Nano Letters</i> , 2014, 14, 3668-3673.	4.5	64
334	Kinetics-Controlled Super-Assembly of Asymmetric Porous and Hollow Carbon Nanoparticles as Light-Sensitive Smart Nanovehicles. <i>Journal of the American Chemical Society</i> , 2022, 144, 1634-1646.	6.6	64
335	Single-strand spider silk templating for the formation of hierarchically ordered hollow mesoporous silica fibers. <i>Journal of Materials Chemistry</i> , 2003, 13, 666-668.	6.7	63
336	Preparation of highly ordered mesoporous WO ₃ -TiO ₂ as matrix in matrix-assisted laser desorption/ionization mass spectrometry. <i>Microporous and Mesoporous Materials</i> , 2005, 78, 37-41.	2.2	63
337	Mixed-Solvothermal Syntheses and Structures of Six New Zinc Phosphonocarboxylates with Zeolite-type and Pillar-Layered Frameworks. <i>Crystal Growth and Design</i> , 2008, 8, 4045-4053.	1.4	63
338	Hydrothermal Stability of Mesostructured Cellular Silica Foams. <i>Journal of Physical Chemistry C</i> , 2010, 114, 5012-5019.	1.5	63
339	A versatile designed synthesis of magnetically separable nano-catalysts with well-defined core-shell nanostructures. <i>Journal of Materials Chemistry A</i> , 2014, 2, 6071-6074.	5.2	63
340	Controlled Synthesis of Ordered Mesoporous Carbon-Cobalt Oxide Nanocomposites with Large Mesopores and Graphitic Walls. <i>Chemistry of Materials</i> , 2016, 28, 7773-7780.	3.2	63
341	Formation Mechanism of Cubic Mesoporous Carbon Monolith Synthesized by Evaporation-Induced Self-assembly. <i>Chemistry of Materials</i> , 2012, 24, 383-392.	3.2	62
342	Oriented Mesoporous Nanopyramids as Versatile Plasmon-Enhanced Interfaces. <i>Journal of the American Chemical Society</i> , 2014, 136, 6822-6825.	6.6	62

#	ARTICLE	IF	CITATIONS
343	Magnetic yolk-shell structured anatase-based microspheres loaded with Au nanoparticles for heterogeneous catalysis. <i>Nano Research</i> , 2015, 8, 238-245.	5.8	62
344	Nanoscale zero-valent iron in mesoporous carbon (nZVI@C): stable nanoparticles for metal extraction and catalysis. <i>Journal of Materials Chemistry A</i> , 2017, 5, 4478-4485.	5.2	62
345	Interfacial Assembly of Mesoporous Silica-Based Optical Heterostructures for Sensing Applications. <i>Advanced Functional Materials</i> , 2020, 30, 1906950.	7.8	62
346	Inorganic-organic competitive coating strategy derived uniform hollow gradient-structured ferroferric oxide-carbon nanospheres for ultra-fast and long-term lithium-ion battery. <i>Nature Communications</i> , 2021, 12, 2973.	5.8	62
347	One-Step Hydrothermal Synthesis of Carboxyl-Functionalized Upconversion Phosphors for Bioapplications. <i>Chemistry - A European Journal</i> , 2012, 18, 13642-13650.	1.7	61
348	Interfacial engineering of magnetic particles with porous shells: Towards magnetic core-shell microparticles. <i>Nano Today</i> , 2016, 11, 464-482.	6.2	61
349	Sequential Superassembly of Nanofiber Arrays to Carbonaceous Ordered Mesoporous Nanowires and Their Heterostructure Membranes for Osmotic Energy Conversion. <i>Journal of the American Chemical Society</i> , 2021, 143, 6922-6932.	6.6	61
350	Electrochemistry and biosensing of glucose oxidase based on mesoporous carbons with different spatially ordered dimensions. <i>Talanta</i> , 2009, 78, 705-710.	2.9	60
351	One-pot generation of mesoporous carbon supported nanocrystalline calcium oxides capable of efficient CO ₂ capture over a wide range of temperatures. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 2495-2503.	1.3	60
352	Hollow TiO ₂ porous microspheres composed of well-crystalline nanocrystals for high-performance lithium-ion batteries. <i>Nano Research</i> , 2016, 9, 165-173.	5.8	60
353	Nanopore-Based Proteolytic Reactor for Sensitive and Comprehensive Proteomic Analyses. <i>Analytical Chemistry</i> , 2006, 78, 4811-4819.	3.2	59
354	Hierarchically Porous Silica with Ordered Mesostructure from Confinement Self-Assembly in Skeleton Scaffolds. <i>Chemistry of Materials</i> , 2010, 22, 494-503.	3.2	59
355	Hierarchically Porous Silica Membrane as Separator for High-Performance Lithium-Ion Batteries. <i>Advanced Materials</i> , 2022, 34, e2107957.	11.1	59
356	Cementing Mesoporous ZnO with Silica for Controllable and Switchable Gas Sensing Selectivity. <i>Chemistry of Materials</i> , 2019, 31, 8112-8120.	3.2	58
357	Monodisperse Ultrahigh Nitrogen-Containing Mesoporous Carbon Nanospheres from Melamine-Formaldehyde Resin. <i>Small Methods</i> , 2021, 5, e2001137.	4.6	58
358	Ordered Mesoporous SiOC and SiCN Ceramics from Atmosphere-Assisted in Situ Transformation. <i>Chemistry of Materials</i> , 2007, 19, 1761-1771.	3.2	57
359	Synthesis of uniform periodic mesoporous organosilica hollow spheres with large-pore size and efficient encapsulation capacity for toluene and the large biomolecule bovine serum albumin. <i>Microporous and Mesoporous Materials</i> , 2010, 132, 543-551.	2.2	57
360	Mesoporous TiO ₂ @N-doped carbon composite nanospheres synthesized by the direct carbonization of surfactants after sol-gel process for superior lithium storage. <i>Nanoscale</i> , 2017, 9, 1539-1546.	2.8	57

#	ARTICLE	IF	CITATIONS
361	Electrochemistry and biosensing reactivity of heme proteins adsorbed on the structure-tailored mesoporous Nb ₂ O ₅ matrix. <i>Analytica Chimica Acta</i> , 2004, 519, 31-38.	2.6	56
362	Significantly Enhanced CO ₂ /CH ₄ Separation Selectivity within a 3D Prototype Metal-Organic Framework Functionalized with OH Groups on Pore Surfaces at Room Temperature. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 2227-2231.	1.0	56
363	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
364	Comparison of disordered mesoporous aluminosilicates with highly ordered Al-MCM-41 on stability, acidity and catalytic activity. <i>Catalysis Today</i> , 2001, 68, 11-20.	2.2	55
365	Synthesis and characterization of Ti-SBA-16 ordered mesoporous silica composite. <i>Journal of Materials Science</i> , 2007, 42, 7057-7061.	1.7	55
366	Robust conductive mesoporous carbon-silica composite films with highly ordered and oriented orthorhombic structures from triblock-copolymer template co-assembly. <i>Journal of Materials Chemistry</i> , 2010, 20, 1691.	6.7	55
367	Syntheses of polyaniline/ordered mesoporous carbon composites with interpenetrating framework and their electrochemical capacitive performance in alkaline solution. <i>Journal of Power Sources</i> , 2011, 196, 1608-1614.	4.0	55
368	Protein Biomineralized Nanoporous Inorganic Mesocrystals with Tunable Hierarchical Nanostructures. <i>Journal of the American Chemical Society</i> , 2014, 136, 15781-15786.	6.6	55
369	Synthesis of carbon nanotubes@mesoporous carbon core-shell structured electrocatalysts via a molecule-mediated interfacial co-assembly strategy. <i>Journal of Materials Chemistry A</i> , 2019, 7, 8975-8983.	5.2	55
370	Engine-Trailer-Structured Nanotrucks for Efficient Nano-Bio Interactions and Bioimaging-Guided Drug Delivery. <i>CheM</i> , 2020, 6, 1097-1112.	5.8	55
371	Highly Ordered Mesoporous Carbonaceous Frameworks from a Template of a Mixed Amphiphilic Triblock-Copolymer System of PEO-PPO-PEO and Reverse PPO-PEO-PPO. <i>Chemistry - an Asian Journal</i> , 2007, 2, 1282-1289.	1.7	54
372	The influence of carbon source on the wall structure of ordered mesoporous carbons. <i>Journal of Porous Materials</i> , 2008, 15, 601-611.	1.3	54
373	Templated Fabrication of Core-Shell Magnetic Mesoporous Carbon Microspheres in 3-Dimensional Ordered Macroporous Silicas. <i>Chemistry of Materials</i> , 2014, 26, 3316-3321.	3.2	54
374	Spiral self-assembly of lamellar micelles into multi-shelled hollow nanospheres with unique chiral architecture. <i>Science Advances</i> , 2021, 7, eabi7403.	4.7	54
375	Preparation and Characterization of Hydroxy-FeAl Pillared Clays. <i>Clays and Clay Minerals</i> , 1993, 41, 317-327.	0.6	53
376	Mesoporous Silica: An Efficient Nanoreactor for Liquid-Liquid Biphase Reactions. <i>Chemistry of Materials</i> , 2007, 19, 4379-4381.	3.2	53
377	Generalized synthesis of core-shell structured nano-zeolite-ordered mesoporous silica composites. <i>Catalysis Today</i> , 2013, 204, 2-7.	2.2	53
378	Template-free synthesis of uniform magnetic mesoporous TiO ₂ nanospindles for highly selective enrichment of phosphopeptides. <i>Materials Horizons</i> , 2014, 1, 439.	6.4	53

#	ARTICLE	IF	CITATIONS
379	Plasmonic Silver Supercrystals with Ultrasmall Nanogaps for Ultrasensitive SERS-Based Molecule Detection. <i>Advanced Optical Materials</i> , 2015, 3, 404-411.	3.6	53
380	Degradation-Induced Restructuring Induced Anisotropic Epitaxial Growth for Fabrication of Asymmetric Diblock and Triblock Mesoporous Nanocomposites. <i>Advanced Materials</i> , 2017, 29, 1701652.	11.1	53
381	Core-shell composites of USY@Mesosilica: Synthesis and application in cracking heavy molecules with high liquid yield. <i>Microporous and Mesoporous Materials</i> , 2013, 176, 16-24.	2.2	52
382	Synthesis and characterization of small pore thick-walled SBA-16 templated by oligomeric surfactant with ultra-long hydrophilic chains. <i>Microporous and Mesoporous Materials</i> , 2004, 67, 135-141.	2.2	51
383	A Facile fabrication of mesoporous core-shell CaO-Based pellets with enhanced reactive stability and resistance to attrition in cyclic CO ₂ capture. <i>Journal of Materials Chemistry A</i> , 2014, 2, 16577-16588.	5.2	51
384	A novel ordered cubic mesoporous silica templated with tri-head group quaternary ammonium surfactant Electronic supplementary information (ESI) available: projections of a typical diamond structure with Fd3m space group; 1H NMR data; elemental analysis; SEM image; experimental characterization. See http://www.rsc.org/suppdata/cc/b2/b206993h/ . <i>Chemical Communications</i> , 2002, , 2212-2213.	2.2	50
385	Molecular Design Strategy for Ordered Mesoporous Stoichiometric Metal Oxide. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15863-15868.	7.2	50
386	Recent advances in TiO ₂ -based catalysts for N ₂ reduction reaction. <i>SusMat</i> , 2021, 1, 174-193.	7.8	50
387	Nanocasting fabrication of ordered mesoporous phenol-formaldehyde resins with various structures and their adsorption performances for basic organic compounds. <i>Microporous and Mesoporous Materials</i> , 2010, 128, 165-179.	2.2	49
388	Periodic Mesoporous Organosilica Nanocubes with Ultrahigh Surface Areas for Efficient CO ₂ Adsorption. <i>Scientific Reports</i> , 2016, 6, 20769.	1.6	49
389	Unique hybrid Ni ₂ P/MoO ₂ @MoS ₂ nanomaterials as bifunctional non-noble-metal electro-catalysts for water splitting. <i>Nanoscale</i> , 2017, 9, 17349-17356.	2.8	49
390	Elemental Migration in Core/Shell Structured Lanthanide Doped Nanoparticles. <i>Chemistry of Materials</i> , 2019, 31, 5608-5615.	3.2	49
391	Mesostructured pure and copper-catalyzed tungsten oxide for NO ₂ detection. <i>Sensors and Actuators B: Chemical</i> , 2007, 126, 18-23.	4.0	48
392	Ordered Macro-Mesoporous Anatase Films with High Thermal Stability and Crystallinity for Photoelectrocatalytic Water Splitting. <i>Advanced Energy Materials</i> , 2014, 4, 1301725.	10.2	48
393	Development of Sinter-Resistant Core-Shell LaMn _x Fe _{1-x} O ₃ @mSiO ₂ Oxygen Carriers for Chemical Looping Combustion. <i>Energy & Fuels</i> , 2012, 26, 3091-3102.	2.5	47
394	Direct Imaging Au Nanoparticle Migration Inside Mesoporous Silica Channels. <i>ACS Nano</i> , 2014, 8, 10455-10460.	7.3	47
395	Aerosol synthesis of trivalent titanium doped titania/carbon composite microspheres with superior sodium storage performance. <i>Nano Research</i> , 2017, 10, 4351-4359.	5.8	47
396	The anion sequence in the phase transformation of mesostructures templated by non-ionic block copolymers. <i>Chemical Communications</i> , 2004, , 2240.	2.2	46

#	ARTICLE	IF	CITATIONS
397	Organosilane-assisted synthesis of ordered mesoporous poly(furfuryl alcohol) composites. <i>Journal of Materials Chemistry</i> , 2009, 19, 131-140.	6.7	46
398	Mass Production of Monodisperse Carbon Microspheres with Size-Dependent Supercapacitor Performance via Aqueous Self-Catalyzed Polymerization. <i>ChemPlusChem</i> , 2017, 82, 872-878.	1.3	46
399	Growth of Single-Layered Two-Dimensional Mesoporous Polymer/Carbon Films by Self-Assembly of Monomicelles at the Interfaces of Various Substrates. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8425-8429.	7.2	45
400	Three-dimensional interconnected mesoporous anatase TiO ₂ exhibiting unique photocatalytic performances. <i>Applied Catalysis B: Environmental</i> , 2017, 217, 293-302.	10.8	45
401	Conformal Coating of Co/N-Doped Carbon Layers into Mesoporous Silica for Highly Efficient Catalytic Dehydrogenation-Hydrogenation Tandem Reactions. <i>Small</i> , 2017, 13, 1702243.	5.2	45
402	Mesoporous TiO ₂ /TiC@C Composite Membranes with Stable TiO ₂ -C Interface for Robust Lithium Storage. <i>IScience</i> , 2018, 3, 149-160.	1.9	45
403	Scalable synthesis of wrinkled mesoporous titania microspheres with uniform large micron sizes for efficient removal of Cr(VI). <i>Journal of Materials Chemistry A</i> , 2018, 6, 3954-3966.	5.2	45
404	Amphiphilic Block Copolymers Directed Interface Coassembly to Construct Multifunctional Microspheres with Magnetic Core and Monolayer Mesoporous Aluminosilicate Shell. <i>Advanced Materials</i> , 2018, 30, e1800345.	11.1	45
405	Janus Mesoporous Sensor Devices for Simultaneous Multivariable Gases Detection. <i>Matter</i> , 2019, 1, 1274-1284.	5.0	45
406	Highly ordered mesoporous silica structures templated by poly(butylene oxide) segment di- and tri-block copolymers. <i>Microporous and Mesoporous Materials</i> , 2001, 44-45, 65-72.	2.2	43
407	Nanocasting Synthesis of Ordered Mesoporous Silicon Nitrides with a High Nitrogen Content. <i>Journal of Physical Chemistry C</i> , 2008, 112, 112-116.	1.5	43
408	Near-Infrared-Activated Upconversion Nanoprobes for Sensitive Endogenous Zn ²⁺ Detection and Selective On-Demand Photodynamic Therapy. <i>Analytical Chemistry</i> , 2017, 89, 3492-3500.	3.2	43
409	Highly dispersed Fe-Ce mixed oxide catalysts confined in mesochannels toward low-temperature oxidation of formaldehyde. <i>Journal of Materials Chemistry A</i> , 2020, 8, 17174-17184.	5.2	43
410	Hydrothermal Synthesis of New Pure Beryllphosphate Molecular Sieve Phases from Concentrated Amines. <i>Chemistry of Materials</i> , 2001, 13, 2042-2048.	3.2	42
411	Azobenzene-Derived Surfactants as Phototriggered Recyclable Templates for the Synthesis of Ordered Mesoporous Silica Nanospheres. <i>Advanced Materials</i> , 2014, 26, 1782-1787.	11.1	42
412	Facile preparation of Cu-Mn/CeO ₂ /SBA-15 catalysts using ceria as an auxiliary for advanced oxidation processes. <i>Journal of Materials Chemistry A</i> , 2014, 2, 10654.	5.2	42
413	Controllable Synthesis of Mesoporous Peapod-like Co ₃ O ₄ @Carbon Nanotube Arrays for High-Performance Lithium-Ion Batteries. <i>Angewandte Chemie</i> , 2015, 127, 7166-7170.	1.6	42
414	Ultrahigh Surface Area N-Doped Hierarchically Porous Carbon for Enhanced CO ₂ Capture and Electrochemical Energy Storage. <i>ChemSusChem</i> , 2019, 12, 3541-3549.	3.6	42

#	ARTICLE	IF	CITATIONS
415	A Zeolite-Like Zinc Phosphonocarboxylate Framework and Its Transformation into Two- and Three-Dimensional Structures. <i>Chemistry - an Asian Journal</i> , 2007, 2, 1549-1554.	1.7	41
416	Ordered micro-porous carbon molecular sieves containing well-dispersed platinum nanoparticles for hydrogen storage. <i>Microporous and Mesoporous Materials</i> , 2009, 119, 39-46.	2.2	41
417	Large-pore ordered mesoporous carbons with tunable structures and pore sizes templated from poly(ethylene oxide)-b-poly(methyl methacrylate). <i>Solid State Sciences</i> , 2011, 13, 784-792.	1.5	41
418	Tricomponent Coassembly Approach To Synthesize Ordered Mesoporous Carbon/Silica Nanocomposites and Their Derivative Mesoporous Silicas with Dual Porosities. <i>Chemistry of Materials</i> , 2014, 26, 2438-2444.	3.2	41
419	A Universal Lab-on-a-Particle Approach to 2D Single-Layer Ordered Mesoporous Materials. <i>Advanced Materials</i> , 2020, 32, e1906653.	11.1	41
420	Constructing Unique Mesoporous Carbon Superstructures via Monomicelle Interface Confined Assembly. <i>Journal of the American Chemical Society</i> , 2022, 144, 11767-11777.	6.6	41
421	±-Fe ₂ O ₃ Nanowires. Confined Synthesis and Catalytic Hydroxylation of Phenol. <i>Chemistry Letters</i> , 2003, 32, 770-771.	0.7	40
422	Fabrication of ordered magnetite-doped rare earth fluoride nanotube arrays by nanocrystal self-assembly. <i>Nano Research</i> , 2009, 2, 292-305.	5.8	40
423	Direct synthesis of hierarchical LTA zeolite via a low crystallization and growth rate technique in presence of cetyltrimethylammonium bromide. <i>Journal of Colloid and Interface Science</i> , 2012, 382, 1-12.	5.0	40
424	Large pore mesostructured cellular silica foam coated magnetic oxide composites with multilamellar vesicle shells for adsorption. <i>Chemical Communications</i> , 2014, 50, 713-715.	2.2	40
425	Amino-functionalized ordered mesoporous carbon for the separation of toxic microcystin-LR. <i>Journal of Materials Chemistry A</i> , 2015, 3, 19168-19176.	5.2	40
426	Synthesis of Highly Ordered Thermally Stable Cubic Mesostructured Zirconium Oxophosphate Templated by Tri-Headgroup Quaternary Ammonium Surfactants. <i>Chemistry of Materials</i> , 2003, 15, 4046-4051.	3.2	39
427	Ordered Nanowire Arrays of Metal Sulfides Templated by Mesoporous Silica SBA-15 via a Simple Impregnation Reaction. <i>Chemistry Letters</i> , 2003, 32, 824-825.	0.7	39
428	Encapsulation of polyaniline in 3-D interconnected mesopores of silica KIT-6. <i>Journal of Colloid and Interface Science</i> , 2010, 341, 353-358.	5.0	39
429	Synthesis of Carbonaceous Poly(furfuryl alcohol) Membrane for Water Desalination. <i>Industrial & Engineering Chemistry Research</i> , 2010, 49, 4175-4180.	1.8	39
430	Synthesis of Mesoporous Silica/Reduced Graphene Oxide Sandwich-Like Sheets with Enlarged and Funneling Mesochannels. <i>Chemistry of Materials</i> , 2015, 27, 5577-5586.	3.2	39
431	Sandwich-structured TiO ₂ inverse opal circulates slow photons for tremendous improvement in solar energy conversion efficiency. <i>Journal of Materials Chemistry A</i> , 2017, 5, 12803-12810.	5.2	39
432	Sol-Gel Synthesis of Metal-Phenolic Coordination Spheres and Their Derived Carbon Composites. <i>Angewandte Chemie</i> , 2018, 130, 9986-9991.	1.6	39

#	ARTICLE	IF	CITATIONS
433	Performance of Pt/Al-SBA-15 catalysts in hydroisomerization of n-dodecane. <i>Catalysis Letters</i> , 2001, 71, 117-125.	1.4	38
434	Ordered bimodal mesoporous silica with tunable pore structure and morphology. <i>Microporous and Mesoporous Materials</i> , 2007, 98, 6-15.	2.2	38
435	Ordered Mesostructured Rare-Earth Fluoride Nanowire Arrays with Upconversion Fluorescence. <i>Chemistry of Materials</i> , 2008, 20, 3778-3784.	3.2	38
436	A curing agent method to synthesize ordered mesoporous carbons from linear novolac phenolic resin polymers. <i>Journal of Materials Chemistry</i> , 2009, 19, 6536.	6.7	38
437	Free-standing and bridged amine-functionalized periodic mesoporous organosilica films. <i>Journal of Materials Chemistry</i> , 2010, 20, 7854.	6.7	38
438	Facile Synthesis of Transparent Mesostructured Composites and Corresponding Crack-free Mesoporous Carbon/Silica Monoliths. <i>Chemistry of Materials</i> , 2011, 23, 2353-2360.	3.2	38
439	Carbon-Doped Sensitized, Nitrogen-Doped TiO ₂ in Mesoporous Silica for Water Decontamination through Nonhydrophobic Enrichment Degradation Mode. <i>Chemistry - A European Journal</i> , 2015, 21, 17944-17950.	1.7	38
440	Mesoporous carbon matrix confinement synthesis of ultrasmall WO ₃ nanocrystals for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 21550-21557.	5.2	38
441	Interfacial Assembly Directed Unique Mesoporous Architectures: From Symmetric to Asymmetric. <i>Accounts of Materials Research</i> , 2020, 1, 100-114.	5.9	38
442	Gradient Hierarchically Porous Structure for Rapid Capillary-Assisted Catalysis. <i>Journal of the American Chemical Society</i> , 2022, 144, 6091-6099.	6.6	38
443	Electron Spin Resonance and Electron Spin Echo Modulation Spectroscopy of Aluminophosphate-Based Mesoporous Molecular Sieve Containing Framework Manganese. <i>Journal of Physical Chemistry B</i> , 1997, 101, 6943-6948.	1.2	37
444	The pore structure evolution and stability of mesoporous carbon FDU-15 under CO ₂ , O ₂ or water vapor atmospheres. <i>Microporous and Mesoporous Materials</i> , 2008, 113, 305-314.	2.2	37
445	Two Novel Zinc(II) Metal-Organic Frameworks Based on Triazole-Carboxylate Shared Paddle-Wheel Units: Synthesis, Structure, and Gas Adsorption. <i>Crystal Growth and Design</i> , 2011, 11, 2811-2816.	1.4	37
446	Ordered mesoporous C/TiO ₂ composites as advanced sonocatalysts. <i>Journal of Materials Chemistry A</i> , 2014, 2, 16452-16458.	5.2	37
447	Rational synthesis of superparamagnetic core-shell structured mesoporous microspheres with large pore sizes. <i>Journal of Materials Chemistry A</i> , 2014, 2, 18322-18328.	5.2	37
448	In situ adsorption method for synthesis of binary semiconductor CdS nanocrystals inside mesoporous SBA-15. <i>Chemical Physics Letters</i> , 2002, 360, 585-591.	1.2	36
449	Magnetic 3-D ordered macroporous silica templated from binary colloidal crystals and its application for effective removal of microcystin. <i>Microporous and Mesoporous Materials</i> , 2010, 130, 26-31.	2.2	36
450	Formation of uniform large SBA-15 microspheres via spray drying. <i>Journal of Materials Chemistry A</i> , 2014, 2, 19500-19508.	5.2	36

#	ARTICLE	IF	CITATIONS
451	Selectivity Enhancement in Dynamic Kinetic Resolution of Secondary Alcohols through Adjusting the Micro-Environment of Metal Complex Confined in Nanochannels: A Promising Strategy for Tandem Reactions. <i>ACS Catalysis</i> , 2015, 5, 27-33.	5.5	36
452	Functional Ordered Mesoporous Materials: Present and Future. <i>Nano Letters</i> , 2022, 22, 3177-3179.	4.5	36
453	The unusual electrochemical characteristics of a novel three-dimensional ordered bicontinuous mesoporous carbon. <i>Chemical Physics Letters</i> , 2004, 389, 327-331.	1.2	35
454	Formation of monodisperse mesoporous silica microparticles via spray-drying. <i>Journal of Colloid and Interface Science</i> , 2014, 418, 225-233.	5.0	35
455	Anomalous Fluorescence Enhancement from Double Heterostructure 3D Colloidal Photonic Crystals—A Multifunctional Fluorescence-Based Sensor Platform. <i>Scientific Reports</i> , 2015, 5, 14439.	1.6	35
456	Synthesis of Monodisperse Mesoporous TiO ₂ Nanospheres from a Simple Double-Surfactant Assembly-Directed Method for Lithium Storage. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 25586-25594.	4.0	35
457	Broadening microwave absorption via a multi-domain structure. <i>APL Materials</i> , 2017, 5, .	2.2	35
458	Pore Engineering of Mesoporous Tungsten Oxides for Ultrasensitive Gas Sensing. <i>Advanced Materials Interfaces</i> , 2019, 6, 1801269.	1.9	35
459	Synthesis and characterization of hydroxy-CrAl pillared clays. <i>Zeolites</i> , 1995, 15, 58-66.	0.9	34
460	Hierarchical porous structures by using zeolite nanocrystals as building blocks. <i>Microporous and Mesoporous Materials</i> , 2001, 48, 73-78.	2.2	34
461	Organic groups functionalised mesoporous silicates. <i>International Journal of Nanotechnology</i> , 2007, 4, 66.	0.1	34
462	A facile strategy for the preparation of well-dispersed bimetal oxide CuFe ₂ O ₄ nanoparticles supported on mesoporous silica. <i>Journal of Materials Chemistry A</i> , 2013, 1, 6742.	5.2	34
463	Dumbbell-Shaped Bi-component Mesoporous Janus Solid Nanoparticles for Biphasic Interface Catalysis. <i>Angewandte Chemie</i> , 2017, 129, 8579-8583.	1.6	34
464	Catalyst-Free Epoxidation of Limonene to Limonene Dioxide. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 5115-5121.	3.2	34
465	Synthesis of ordered small pore mesoporous silicates with tailorable pore structures and sizes by polyoxyethylene alkyl amine surfactant. <i>Microporous and Mesoporous Materials</i> , 2006, 90, 23-31.	2.2	33
466	Novel preparation and near-infrared photoluminescence of uniform core-shell silver sulfide nanoparticle@mesoporous silica nanospheres. <i>Journal of Materials Chemistry</i> , 2012, 22, 7274.	6.7	33
467	Bio-inspired porous antenna-like nanocube/nanowire heterostructure as ultra-sensitive cellular interfaces. <i>NPG Asia Materials</i> , 2014, 6, e117-e117.	3.8	33
468	Controllable fabrication of dendritic mesoporous silica-carbon nanospheres for anthracene removal. <i>Journal of Materials Chemistry A</i> , 2014, 2, 11045.	5.2	33

#	ARTICLE	IF	CITATIONS
469	Filtration Shell Mediated Power Density Independent Orthogonal Excitationsâ€“Emissions Upconversion Luminescence. <i>Angewandte Chemie</i> , 2016, 128, 2510-2515.	1.6	33
470	Free-standing highly ordered mesoporous carbonâ€“silica composite thin films. <i>Journal of Materials Chemistry A</i> , 2013, 1, 13490.	5.2	32
471	Phenyl-functionalized mesoporous silica materials for the rapid and efficient removal of phthalate esters. <i>Journal of Colloid and Interface Science</i> , 2017, 487, 354-359.	5.0	32
472	A systematic investigation of the formation of ordered mesoporous silicas using poly(ethylene Terephthalate) as a hard template. <i>Journal of Materials Chemistry A</i> , 2013, 1, 13490.	5.2	31
473	Preparation of Secondary Mesopores in Mesoporous Anataseâ€“Silica Nanocomposites with Unprecedentedâ€“High Photocatalytic Degradation Performances. <i>Advanced Functional Materials</i> , 2016, 26, 964-976.	7.8	31
474	Hydrothermal synthesis of new beryllorophosphates MIBeBPO (MI=K+, Na+ and NH4+) with zeolite ANA framework topology. <i>Microporous and Mesoporous Materials</i> , 2003, 57, 309-316.	2.2	30
475	Electrochemistry and biosensing of glucose oxidase immobilized on Pt-dispersed mesoporous carbon. <i>Mikrochimica Acta</i> , 2009, 167, 109-116.	2.5	30
476	Synthesis of ordered mesoporous bifunctional TiO2â€“SiO2â€“polymer nanocomposites. <i>Journal of Materials Chemistry</i> , 2009, 19, 8610.	6.7	30
477	Micro-channel development and hydrogen adsorption properties in templated microporous carbons containing platinum nanoparticles. <i>Carbon</i> , 2011, 49, 1305-1317.	5.4	30
478	Ligand exchange triggered controlled-release targeted drug delivery system based on coreâ€“shell superparamagnetic mesoporous microspheres capped with nanoparticles. <i>Journal of Materials Chemistry</i> , 2012, 22, 17677.	6.7	30
479	Branched Artificial Nanofinger Arrays by Mesoporous Interfacial Atomic Rearrangement. <i>Journal of the American Chemical Society</i> , 2015, 137, 4260-4266.	6.6	30
480	General Synthesis of Ultrafine Monodispersed Hybrid Nanoparticles from Highly Stable Monomicelles. <i>Advanced Materials</i> , 2021, 33, e2100820.	11.1	30
481	Precisely Designed Mesoscopic Titania for High-Volumetric-Density Pseudocapacitance. <i>Journal of the American Chemical Society</i> , 2021, 143, 14097-14105.	6.6	30
482	Three-Dimensional Ordered Macroporous Structures With Mesoporous Silica Walls. <i>Chemistry Letters</i> , 2000, 29, 378-379.	0.7	29
483	Synthesis of Nanometer-sized Mesoporous Silica and Alumina Spheres. <i>Studies in Surface Science and Catalysis</i> , 2000, 129, 37-43.	1.5	29
484	Synthesis of a new organically templated zeolite-like zirconogermanate (C4N2H12)[ZrGe4O10F2] with cavansite topology. Electronic supplementary information (ESI) available: tables of crystal data, including atomic coordinates, selected bond lengths and angles, and thermal parameters, and also a SEM image of FDZG-1. See http://www.rsc.org/suppdata/jm/b2/b209801f/ . <i>Journal of Materials Chemistry</i> , 2003, 13, 308-311.	6.7	29
485	Easy synthesis and supercapacities of highly ordered mesoporous polyacenes/carbons. <i>Carbon</i> , 2006, 44, 1601-1604.	5.4	29
486	A facile route to cage-like mesoporous silica coated ZSM-5 combined with Pt immobilization. <i>Journal of Materials Chemistry A</i> , 2013, 1, 7525.	5.2	29

#	ARTICLE	IF	CITATIONS
487	Mesoporous silica nanoparticles for glutathione-triggered long-range and stable release of hydrogen sulfide. <i>Journal of Materials Chemistry B</i> , 2015, 3, 4451-4457.	2.9	29
488	Synthesis of ordered mesoporous crystalline carbonanatase composites with high titania contents. <i>Journal of Colloid and Interface Science</i> , 2008, 328, 367-373.	5.0	28
489	A simple approach to the synthesis of hollow microspheres with magnetite/silica hybrid walls. <i>Journal of Colloid and Interface Science</i> , 2009, 333, 329-334.	5.0	28
490	Fabrication of magnetic core-shell nanocomposites with superior performance for water treatment. <i>Journal of Materials Chemistry A</i> , 2013, 1, 1694-1700.	5.2	28
491	Ordered mesoporous silica/polyvinylidene fluoride composite membranes for effective removal of water contaminants. <i>Journal of Materials Chemistry A</i> , 2016, 4, 3850-3857.	5.2	28
492	Surface-Confined Winding Assembly of Mesoporous Nanorods. <i>Journal of the American Chemical Society</i> , 2020, 142, 20359-20367.	6.6	28
493	Precisely Controlled Vertical Alignment in Mesostructured Carbon Thin Films for Efficient Electrochemical Sensing. <i>ACS Nano</i> , 2021, 15, 7713-7721.	7.3	28
494	Unusual Mesoporous Titanium Niobium Oxides Realizing Sodium-Ion Batteries Operated at ~40°C. <i>Advanced Materials</i> , 2022, 34, e2202873.	11.1	28
495	Preparation and characterization of hydroxysilicoaluminum pillared clays. <i>Inorganic Chemistry</i> , 1992, 31, 4727-4732.	1.9	27
496	Electrocatalytic oxidation of NADH based on bicontinuous gyroidal mesoporous carbon with low overpotential. <i>Electrochemistry Communications</i> , 2009, 11, 227-230.	2.3	27
497	A hierarchical adsorption material by incorporating mesoporous carbon into macroporous chitosan membranes. <i>Journal of Materials Chemistry</i> , 2012, 22, 11908.	6.7	27
498	Magnetic spherical cores partly coated with periodic mesoporous organosilica single crystals. <i>Nanoscale</i> , 2012, 4, 1647.	2.8	27
499	Sorption interactions of plutonium and europium with ordered mesoporous carbon. <i>Journal of Materials Chemistry A</i> , 2014, 2, 11209-11221.	5.2	27
500	Scalable synthesis of mesoporous titania microspheres via spray-drying method. <i>Journal of Colloid and Interface Science</i> , 2016, 479, 150-159.	5.0	27
501	Hierarchical ordered macro/mesoporous titania with a highly interconnected porous structure for efficient photocatalysis. <i>Journal of Materials Chemistry A</i> , 2016, 4, 16446-16453.	5.2	27
502	Near-Infrared Triggered Decomposition of Nanocapsules with High Tumor Accumulation and Stimuli Responsive Fast Elimination. <i>Angewandte Chemie</i> , 2018, 130, 2641-2645.	1.6	27
503	2D mesoporous materials. <i>National Science Review</i> , 2022, 9, nwab108.	4.6	27
504	Synthesis and phase behaviors of bicontinuous cubic mesoporous silica from triblock copolymer mixed anionic surfactant. <i>Microporous and Mesoporous Materials</i> , 2007, 105, 34-40.	2.2	26

#	ARTICLE	IF	CITATIONS
505	Adsorption of xylene isomers on ordered hexagonal mesoporous FDU-15 polymer and carbon materials. <i>Adsorption</i> , 2009, 15, 123-132.	1.4	26
506	Impact of Film Thickness on the Morphology of Mesoporous Carbon Films Using Organic Self-Assembly. <i>Langmuir</i> , 2011, 27, 5607-5615.	1.6	26
507	A Shear Stress Regulated Assembly Route to Silica Nanotubes and Their Closely Packed Hollow Mesostructures. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11603-11606.	7.2	26
508	Facile Fabrication of Dendritic Mesoporous SiO ₂ @CdTe@SiO ₂ Fluorescent Nanoparticles for Bioimaging. <i>Particle and Particle Systems Characterization</i> , 2016, 33, 261-270.	1.2	26
509	Hydrocracking of heavy oil using zeolites Y/Al-SBA-15 composites as catalyst supports. <i>Journal of Porous Materials</i> , 2008, 15, 145-150.	1.3	25
510	Synthesis of hierarchically nanoporous silica films for controlled drug loading and release. <i>Nanoscale</i> , 2011, 3, 3329.	2.8	25
511	Activation effect of silver nanoparticles on the photoelectrochemical performance of mesoporous TiO ₂ nanospheres photoanodes for water oxidation reaction. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 11346-11355.	3.8	25
512	Microwave-Assisted Solvothermal Synthesis of Radial ZnS Nanoribbons. <i>Chemistry Letters</i> , 2004, 33, 522-523.	0.7	24
513	Synthesis of Large-Pore Periodic Mesoporous Organosilica (PMO) with Bicontinuous Cubic Structure of 3D Symmetry. <i>Chemistry Letters</i> , 2005, 34, 182-183.	0.7	24
514	Synthesis of large-pore phenyl-bridged mesoporous organosilica with thick walls by evaporation-induced self-assembly for efficient benzene adsorption. <i>Journal of Colloid and Interface Science</i> , 2010, 346, 429-435.	5.0	24
515	TiO ₂ interpenetrating networks decorated with SnO ₂ nanocrystals: enhanced activity of selective catalytic reduction of NO with NH ₃ . <i>Journal of Materials Chemistry A</i> , 2015, 3, 1405-1409.	5.2	24
516	In-Situ Confined Growth of Monodisperse Pt Nanoparticle@Graphene Nanobox Composites as Electrocatalytic Nanoreactors. <i>Small</i> , 2015, 11, 1003-1010.	5.2	24
517	Streamlined Mesoporous Silica Nanoparticles with Tunable Curvature from Interfacial Dynamic-Migration Strategy for Nanomotors. <i>Nano Letters</i> , 2021, 21, 6071-6079.	4.5	24
518	[C ₆ N ₄ H ₂₄]CoBe ₆ P ₆ O ₂₄ ·3H ₂ O: a novel 3-dimensional beryllophosphate zeolite-like structure encapsulating Coll ions. <i>Journal of Materials Chemistry</i> , 2002, 12, 658-662.	6.7	23
519	Surfactant-Templated Synthesis of 1D Single-Crystalline Polymer Nanostructures. <i>Small</i> , 2006, 2, 517-521.	5.2	23
520	Hexylene- and Octylene-Bridged Polysilsesquioxane Hybrid Crystals Self-Assembled by Dimeric Building Blocks with Ring Structures. <i>Chemistry - A European Journal</i> , 2006, 12, 8484-8490.	1.7	23
521	Free-Standing Mesoporous Silica/Carbon Composite Films with Crystalline Silica Wall from Ethylene-Bridged Organosilane. <i>Chemistry of Materials</i> , 2010, 22, 18-26.	3.2	23
522	Macroporous oxide structures with short-range order and bright structural coloration: a replication from parrot feather barb. <i>Journal of Materials Chemistry</i> , 2010, 20, 90-93.	6.7	23

#	ARTICLE	IF	CITATIONS
523	Preparation of a mesoporous Cu ²⁺ /Mn/TiO ₂ composite for the degradation of Acid Red 1. <i>Journal of Materials Chemistry A</i> , 2015, 3, 7399-7405.	5.2	23
524	Carbon functionalized mesoporous silica-based gas sensors for indoor volatile organic compounds. <i>Journal of Colloid and Interface Science</i> , 2016, 477, 54-63.	5.0	23
525	Modular super-assembly of hierarchical superstructures from monomicelle building blocks. <i>Science Advances</i> , 2022, 8, eabo0283.	4.7	23
526	Doped mesoporous silica fibers: the internal structure. <i>Microporous and Mesoporous Materials</i> , 2000, 39, 37-42.	2.2	22
527	Electrocatalytic oxidation of NADH at mesoporous carbon modified electrodes. <i>Mikrochimica Acta</i> , 2009, 167, 75-79.	2.5	22
528	Ordered Hierarchical Porous Platinum Membranes with Tailored Mesostructures. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 10101-10105.	7.2	22
529	An unusual example of morphology controlled periodic mesoporous organosilica single crystals. <i>Journal of Materials Chemistry</i> , 2010, 20, 6460.	6.7	22
530	Ordered Mesoporous Carbonaceous Materials with Tunable Surface Property for Enrichment of Hexachlorobenzene. <i>Langmuir</i> , 2016, 32, 9922-9929.	1.6	21
531	Preparation of mesoporous TiO ₂ -C composites as an advanced Ni catalyst support for reduction of 4-nitrophenol. <i>New Journal of Chemistry</i> , 2016, 40, 4200-4205.	1.4	21
532	Mesoporous anatase crystal-silica nanocomposites with large intrawall mesopores presenting quite excellent photocatalytic performances. <i>Applied Catalysis B: Environmental</i> , 2019, 246, 284-295.	10.8	21
533	Versatile Synthesis of Mesoporous Crystalline TiO ₂ Materials by Monomicelle Assembly. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	21
534	Synthesis of mesoporous manganosilicates Mn-MCM-41, Mn-MCM-48 and Mn-MCM-L at a low surfactant/Si ratio. <i>Studies in Surface Science and Catalysis</i> , 1995, , 181-188.	1.5	20
535	Vapor assisted <i>in situ</i> transformation of mesoporous carbon-silica composite for hierarchically porous zeolites. <i>Microporous and Mesoporous Materials</i> , 2012, 151, 495-500.	2.2	20
536	A vesicle-aggregation-assembly approach to highly ordered mesoporous γ -alumina microspheres with shifted double-diamond networks. <i>Chemical Science</i> , 2018, 9, 7705-7714.	3.7	20
537	Heterogeneous Contraction-Mediated Asymmetric Carbon Colloids. , 2019, 1, 290-296.		20
538	Spray-drying water-based assembly of hierarchical and ordered mesoporous silica microparticles with enhanced pore accessibility for efficient bio-adsorption. <i>Journal of Colloid and Interface Science</i> , 2019, 556, 529-540.	5.0	20
539	Stable Ti ³⁺ Defects in Oriented Mesoporous Titania Frameworks for Efficient Photocatalysis. <i>Angewandte Chemie</i> , 2020, 132, 17829-17836.	1.6	20
540	Kinetics-Regulated Interfacial Selective Superassembly of Asymmetric Smart Nanovehicles with Tailored Topological Hollow Architectures. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	20

#	ARTICLE	IF	CITATIONS
541	Synthesis and Characterization of a Novel Organically Templated Open Framework Zirconogermanate with Three- and Seven-Membered Rings. <i>Inorganic Chemistry</i> , 2003, 42, 5960-5965.	1.9	19
542	Highly efficient enrichment and subsequent digestion of proteins in the mesoporous molecular sieve silicate SBA-15 for matrix-assisted laser desorption/ionization mass spectrometry with time-of-flight/time-of-flight analyzer peptide mapping. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 3139-3144.	0.7	19
543	A mild method to remove organic templates in periodic mesoporous organosilicas by the oxidation of perchlorates. <i>Microporous and Mesoporous Materials</i> , 2009, 118, 513-517.	2.2	19
544	Synthesis of Ti-containing mesoporous silicates from inorganic titanium sources. <i>Catalysis Today</i> , 2009, 148, 19-27.	2.2	19
545	Facile synthesis of highly stable and well-dispersed mesoporous ZrO ₂ /carbon composites with high performance in oxidative dehydrogenation of ethylbenzene. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 10996.	1.3	19
546	Hollow micro-mesoporous carbon polyhedra produced by selective removal of skeletal scaffolds. <i>Carbon</i> , 2012, 50, 2546-2555.	5.4	19
547	Synthesis of germanium oxide mesostructures with a new intermediate state. <i>Microporous and Mesoporous Materials</i> , 2002, 56, 219-225.	2.2	18
548	Manipulated photocurrent generation from pigment-exchanged photosynthetic proteins adsorbed to nanostructured WO ₃ •TiO ₂ electrodes. <i>Chemical Communications</i> , 2006, , 785.	2.2	18
549	The Synthesis of Mesoporous Molecular Sieves. <i>Studies in Surface Science and Catalysis</i> , 2007, 168, 241-III.	1.5	18
550	A novel approach to the construction of 3-D ordered macrostructures with polyhedral particles. <i>Journal of Materials Chemistry</i> , 2008, 18, 408-415.	6.7	18
551	Stabilizing Surfactant Templated Cylindrical Mesopores in Polymer and Carbon Films through Composite Formation with Silica Reinforcement. <i>Journal of Physical Chemistry C</i> , 2010, 114, 9618-9626.	1.5	18
552	Direct imaging of the layer-by-layer growth and rod-unit repairing defects of mesoporous silica SBA-15 by cryo-SEM. <i>Journal of Materials Chemistry</i> , 2011, 21, 17371.	6.7	18
553	Self-assembly of monodispersed silica nano-spheres with a closed-pore mesostructure. <i>Journal of Materials Chemistry</i> , 2012, 22, 11523.	6.7	18
554	Copper oxide activation of soft-templated mesoporous carbons and their electrochemical properties for capacitors. <i>Journal of Materials Chemistry</i> , 2012, 22, 1547-1555.	6.7	18
555	Sub-5 nm porous nanocrystals: interfacial site-directed growth on graphene for efficient biocatalysis. <i>Chemical Science</i> , 2015, 6, 4029-4034.	3.7	18
556	Liquid-Solid Interfacial Assemblies of Soft Materials for Functional Freestanding Layered Membrane-Based Devices toward Electrochemical Energy Systems. <i>Advanced Energy Materials</i> , 2019, 9, 1804005.	10.2	18
557	Advances in Mesoporous Thin Films via Self-Assembly Process. <i>Advanced Porous Materials</i> , 2013, 1, 164-186.	0.3	18
558	Syntheses of High-Quality Mesoporous Materials Directed by Blends of Nonionic Amphiphiles under Nonaqueous Conditions. <i>Journal of Solid State Chemistry</i> , 2002, 167, 324-329.	1.4	17

#	ARTICLE	IF	CITATIONS
559	Impact of nanopore morphology on cell viability on mesoporous polymer and carbon surfaces. <i>Acta Biomaterialia</i> , 2010, 6, 3035-3043.	4.1	17
560	Synthesis of easily shaped ordered mesoporous titanium-containing silica. <i>Journal of Materials Chemistry</i> , 2010, 20, 4705.	6.7	17
561	Hierarchical mesoporous/microporous carbon with graphitized frameworks for high-performance lithium-ion batteries. <i>APL Materials</i> , 2014, 2, 113302.	2.2	17
562	Capping agent-free highly dispersed noble metal nanoparticles supported in ordered mesoporous carbon with short channels and their catalytic applications. <i>RSC Advances</i> , 2016, 6, 61064-61072.	1.7	17
563	Fully printable hole-conductor-free mesoscopic perovskite solar cells based on mesoporous anatase single crystals. <i>New Journal of Chemistry</i> , 2018, 42, 2669-2674.	1.4	17
564	Preparation of mesoporous anatase titania with large secondary mesopores and extraordinarily high photocatalytic performances. <i>Applied Catalysis B: Environmental</i> , 2020, 269, 118756.	10.8	17
565	Scalable Synthesis of Uniform Mesoporous Aluminosilicate Microspheres with Controllable Size and Morphology and High Hydrothermal Stability for Efficient Acid Catalysis. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 21922-21935.	4.0	17
566	Hydrothermal synthesis of two layered indium oxalates with 12-membered apertures. <i>Journal of Solid State Chemistry</i> , 2003, 173, 435-441.	1.4	16
567	New catalysts for dichlorodifluoromethane hydrolysis: Mesostructured titanium and aluminum phosphates. <i>Journal of Molecular Catalysis A</i> , 2005, 242, 218-223.	4.8	16
568	Improving the Hydrothermal Stability of Mesoporous Silica SBA-15 by Pre-treatment with (NH ₄) ₂ SiF ₆ . <i>Chinese Journal of Catalysis</i> , 2012, 33, 140-151.	6.9	16
569	Micelle swelling agent derived cavities for increasing hydrophobic organic compound removal efficiency by mesoporous micelle@silica hybrid materials. <i>Microporous and Mesoporous Materials</i> , 2012, 155, 252-257.	2.2	16
570	A versatile in situ etching-growth strategy for synthesis of yolk@shell structured periodic mesoporous organosilica nanocomposites. <i>RSC Advances</i> , 2016, 6, 51470-51479.	1.7	16
571	Sequential Chemistry Toward Core@Shell Structured Metal Sulfides as Stable and Highly Efficient Visible-Light Photocatalysts. <i>Angewandte Chemie</i> , 2020, 132, 3313-3319.	1.6	16
572	Ensembles of Photonic Beads: Optical Properties and Enhanced Light-Matter Interactions. <i>Advanced Optical Materials</i> , 2020, 8, 1901537.	3.6	16
573	Core-Shell Structured Micro-Nanomotors: Construction, Shell Functionalization, Applications, and Perspectives. <i>Small</i> , 2022, 18, e2102887.	5.2	16
574	Bicontinuous gyroidal mesoporous carbon matrix for facilitating protein electrochemical and bioelectrocatalytic performances. <i>Talanta</i> , 2011, 83, 1507-1514.	2.9	15
575	Site-Specific Carbon Deposition for Hierarchically Ordered Core/Shell-Structured Graphitic Carbon with Remarkable Electrochemical Performance. <i>ChemSusChem</i> , 2013, 6, 1938-1944.	3.6	15
576	Synthesis of core-shell structured zeolite-A@mesoporous silica composites for butyraldehyde adsorption. <i>Journal of Colloid and Interface Science</i> , 2014, 428, 251-256.	5.0	15

#	ARTICLE	IF	CITATIONS
577	CoFe ₂ O ₄ Nanocrystals Mediated Crystallization Strategy for Magnetic Functioned ZSM-5 Catalysts. <i>Advanced Functional Materials</i> , 2018, 28, 1802088.	7.8	15
578	Sol-gel synthesis of methyl-modified mesoporous materials with dual porosity. <i>Journal of Non-Crystalline Solids</i> , 2005, 351, 777-783.	1.5	14
579	Homopolymer induced phase evolution in mesoporous silica from evaporation induced self-assembly process. <i>Microporous and Mesoporous Materials</i> , 2008, 116, 633-640.	2.2	14
580	Extensive Inspection of an Unconventional Mesoporous Silica Material at All Length-Scales. <i>Chemistry of Materials</i> , 2011, 23, 229-238.	3.2	14
581	Interfacial assembly of mesoporous nanopillars as ultrasensitive cellular interfaces featuring efficient direct electrochemistry. <i>NPG Asia Materials</i> , 2015, 7, e204-e204.	3.8	14
582	Ordered, Highly Zeolitized Mesoporous Aluminosilicates Produced by a Gradient Acidic Assembly Growth Strategy in a Mixed Template System. <i>Chemistry of Materials</i> , 2016, 28, 4859-4866.	3.2	14
583	NIR-Responsive Aggregates Labelled Mesoporous Implant for Imaging-Guided Osteosynthesis with Minimal Invasion. <i>Advanced Functional Materials</i> , 2021, 31, 2100656.	7.8	14
584	Highly Ordered Cubic Mesoporous Materials with the Same Symmetry but Tunable Pore Structures. <i>Langmuir</i> , 2012, 28, 16382-16392.	1.6	13
585	Interfacial Assembly of Functional Mesoporous Carbon-Based Materials into Films for Batteries and Electrocatalysis. <i>Advanced Materials Interfaces</i> , 2022, 9, .	1.9	13
586	The Upper Temperature Limit in Cooperative Assembly of Ordered Mesoporous Materials. <i>Chemistry Letters</i> , 2003, 32, 660-661.	0.7	12
587	An Easy Route for the Synthesis of Ordered Three-Dimensional Large-Pore Mesoporous Organosilicas with Im-3m Symmetry. <i>Chemistry Letters</i> , 2004, 33, 1132-1133.	0.7	12
588	Mesoporous tungsten titanate as matrix for matrix-assisted laser desorption/ionization time-of-flight mass spectrometry analysis of biomolecules. <i>Analytica Chimica Acta</i> , 2007, 593, 13-19.	2.6	12
589	On the improvement of pore accessibility through post-synthesis hydrothermal treatments of spray dried SBA-15 microspheres. <i>Chemical Engineering Science</i> , 2015, 127, 276-284.	1.9	12
590	One-pot synthesis of Ni nanoparticle/ordered mesoporous carbon composite electrode materials for electrocatalytic reduction of aromatic ketones. <i>Nanoscale</i> , 2017, 9, 17807-17813.	2.8	12
591	Magnetic mesoporous TiO ₂ microspheres for sustainable arsenate removal from acidic environments. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 2132-2139.	3.0	12
592	Preparation and Enhanced Electrochromic Property of Three-dimensional Ordered Mesostructured Mixed Tungsten-Titanium Oxides. <i>Chemistry Letters</i> , 2004, 33, 1396-1397.	0.7	11
593	Preparation of Highly Ordered Well-defined Single Crystal Cubic Mesoporous Silica Templated by Gemini Surfactant. <i>Chemistry Letters</i> , 2002, 31, 584-585.	0.7	10
594	Nanofabrication of highly ordered, tunable metallic mesostructures via quasi-hard-templating of lyotropic liquid crystals. <i>Scientific Reports</i> , 2015, 4, 7420.	1.6	10

#	ARTICLE	IF	CITATIONS
595	Reduction of plutonium in acidic solutions by mesoporous carbons. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 307, 2593-2601.	0.7	10
596	A facile biliquid-interface co-assembly synthesis of mesoporous vesicles with large pore sizes. <i>CrystEngComm</i> , 2016, 18, 4343-4348.	1.3	10
597	Hydrothermal synthesis and characterization of new hybrid open-framework indium phosphate-oxalates. <i>Science Bulletin</i> , 2004, 49, 658-664.	1.7	9
598	Advanced electron microscopy characterization for pore structure of mesoporous materials; a study of FDU-16 and FDU-18. <i>Journal of Materials Chemistry</i> , 2011, 21, 13664.	6.7	9
599	Continuous Fixed-Bed Gas-Phase Hydroformylation over PPh ₃ -Modified Mesostructured Cellular Foam-Supported Rh Catalyst. <i>Chinese Journal of Catalysis</i> , 2006, 27, 1-3.	6.9	8
600	Template synthesis of metal tungsten nanowire bundles with high field electron emission performance. <i>RSC Advances</i> , 2016, 6, 62668-62674.	1.7	8
601	Molecular Design Strategy for Ordered Mesoporous Stoichiometric Metal Oxide. <i>Angewandte Chemie</i> , 2019, 131, 16010-16015.	1.6	8
602	Artificial Blood Vessel Frameworks from 3D Printing-Based Super-Assembly as <i>In Vitro</i> Models for Early Diagnosis of Intracranial Aneurysms. <i>Chemistry of Materials</i> , 2020, 32, 3188-3198.	3.2	8
603	Laser Cladding Induced Spherical Graphitic Phases by Super-Assembly of Graphene-Like Microstructures and the Antifriction Behavior. <i>ACS Central Science</i> , 2021, 7, 318-326.	5.3	8
604	A "teardrop" method to create large mesotunnels on the pore walls of ordered mesoporous silica. <i>Journal of Colloid and Interface Science</i> , 2008, 328, 338-343.	5.0	7
605	Branched Mesoporous TiO ₂ Mesocrystals by Epitaxial Assembly of Micelles for Photocatalysis. <i>Cell Reports Physical Science</i> , 2020, 1, 100081.	2.8	7
606	General Synthesis of Ordered Nonsiliceous Mesoporous Materials. <i>ACS Symposium Series</i> , 2008, , 2-48.	0.5	6
607	Highly stable hybrid single-micelle: a universal nanocarrier for hydrophobic bioimaging agents. <i>Nano Research</i> , 2022, 15, 4582-4589.	5.8	6
608	Polymorphism of Silica Mesostructures Templated by Poly(Ethylene Oxide)-b-Poly(Butylene Oxide) Diblock Copolymer. <i>Chemistry Letters</i> , 2000, 29, 504-505.	0.7	5
609	Soft Template Synthesis of Highly Crystalline Microscale Nanotubes of PbO. <i>Chemistry Letters</i> , 2005, 34, 1226-1227.	0.7	5
610	One-step direct synthesis of mesoporous aluminosilicates Al-SBA-15 with cage-like macropores by using micrometer-sized aluminum balls. <i>Science in China Series B: Chemistry</i> , 2009, 52, 1090-1096.	0.8	5
611	Synthesis of ordered mesostructured polymer-organosilica composites by the triconstituent co-assembly method. <i>Materials Letters</i> , 2011, 65, 624-627.	1.3	5
612	Enhanced sequestration of large-sized dissolved organic micropollutants in polymeric membranes incorporated with mesoporous carbon. <i>RSC Advances</i> , 2016, 6, 81477-81484.	1.7	5

#	ARTICLE	IF	CITATIONS
613	Concern Regarding the Synthesis of Single-Crystalline Nanostructures from the Polymerization of Furfuryl Alcohol. <i>Small</i> , 2007, 3, 198-200.	5.2	4
614	High-resolution electron microscopy study of mesoporous dichalcogenides and their hydrogen storage properties. <i>Nanotechnology</i> , 2011, 22, 075702.	1.3	4
615	Core-Shell Silicon@Mesoporous TiO ₂ Heterostructure: Towards Solar-Powered Photoelectrochemical Conversion. <i>ChemNanoMat</i> , 2016, 2, 647-651.	1.5	4
616	Ordered Mesoporous Materials. , 0, , 277-300.		4
617	(NH ₄) ₂ ZrGe ₃ O ₉ : a new microporous zirconogermanate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003, 59, i29-i31.	0.4	3
618	A facile aqueous route to synthesize highly ordered mesoporous carbons with open pore structures. <i>Studies in Surface Science and Catalysis</i> , 2007, , 1856-1862.	1.5	3
619	Synthesis of mesoporous carbon frameworks with graphitic walls by secondary hard template method. <i>Studies in Surface Science and Catalysis</i> , 2007, 165, 373-376.	1.5	3
620	Synthesis of Ordered Three-Dimensional Large-pore Mesoporous Silica and Its Replication to Ordered Nanoporous Carbon. <i>Studies in Surface Science and Catalysis</i> , 2003, 146, 97-100.	1.5	2
621	Ordered mesoporous polymers and polymer-silica nanocomposites. <i>Studies in Surface Science and Catalysis</i> , 2007, 170, 1721-1733.	1.5	2
622	Monodispersed Fullerene Derivatives Introduced into the Channels of Mesoporous Silica via Chemical Bond Interactions. <i>Bulletin of the Chemical Society of Japan</i> , 2007, 80, 994-998.	2.0	1
623	Incorporation of Al ³⁺ ions to promote the stabilization effect of (NH ₄) ₂ SiF ₆ treatment on the hydrothermal stability of mesoporous SBA-15 zeolite. <i>Chinese Journal of Catalysis</i> , 2015, 36, 1001-1008.	6.9	1
624	(NH ₄) ₂ ZrGe ₃ O ₉ : A New Microporous Zirconogermanate.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
625	Synthesis and Characterization of a Novel Organically Templated Open Framework Zirconogermanate with Three- and Seven-Membered Rings.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
626	Nanostructured mesoporous tungsten oxide for gas sensor applications. , 2005, , .		0
627	Improved Synthesis of SBA-15 Mesoporous Silica Fitting for Industrial Production. <i>Chinese Journal of Catalysis</i> , 2013, 33, 1360-1366.	6.9	0
628	Kinetics-Regulated Interfacial Selective Superassembly of Asymmetric Smart Nanovehicles with Tailored Topological Hollow Architectures. <i>Angewandte Chemie</i> , 0, , .	1.6	0
629	Versatile Syntheses of Mesoporous Crystalline TiO ₂ Materials from Mono-micelle Assembly. <i>Angewandte Chemie</i> , 0, , .	1.6	0