List of Publications by Year in descending order

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629 papers	99,968 citations	107 164 h-index	297 292 g-index
679 all docs	679 docs citations	679 times ranked	58193 citing authors

#	Article	IF	Citations
1	2D mesoporous materials. National Science Review, 2022, 9, nwab108.	9.5	27
2	Coreâ€Shell Structured Microâ€Nanomotors: Construction, Shell Functionalization, Applications, and Perspectives. Small, 2022, 18, e2102887.	10.0	16
3	Hierarchically Porous Silica Membrane as Separator for Highâ€Performance Lithiumâ€Ion Batteries. Advanced Materials, 2022, 34, e2107957.	21.0	59
4	Kineticsâ€Regulated Interfacial Selective Superassembly of Asymmetric Smart Nanovehicles with Tailored Topological Hollow Architectures. Angewandte Chemie - International Edition, 2022, 61, .	13.8	20
5	Kinetics-Controlled Super-Assembly of Asymmetric Porous and Hollow Carbon Nanoparticles as Light-Sensitive Smart Nanovehicles. Journal of the American Chemical Society, 2022, 144, 1634-1646.	13.7	64
6	Highly stable hybrid single-micelle: a universal nanocarrier for hydrophobic bioimaging agents. Nano Research, 2022, 15, 4582-4589.	10.4	6
7	Interfacial Assembly of Functional Mesoporous Carbonâ€Based Materials into Films for Batteries and Electrocatalysis. Advanced Materials Interfaces, 2022, 9, .	3.7	13
8	Versatile Synthesis of Mesoporous Crystalline TiO₂ Materials by Monomicelle Assembly. Angewandte Chemie - International Edition, 2022, 61, .	13.8	21
9	Gradient Hierarchically Porous Structure for Rapid Capillary-Assisted Catalysis. Journal of the American Chemical Society, 2022, 144, 6091-6099.	13.7	38
10	Functional Ordered Mesoporous Materials: Present and Future. Nano Letters, 2022, 22, 3177-3179.	9.1	36
11	Modular super-assembly of hierarchical superstructures from monomicelle building blocks. Science Advances, 2022, 8, eabo0283.	10.3	23
12	Unusual Mesoporous Titanium Niobium Oxides Realizing Sodiumâ€Ion Batteries Operated at â^'40ÂÂ°C. Advanced Materials, 2022, 34, e2202873.	21.0	28
13	Constructing Unique Mesoporous Carbon Superstructures via Monomicelle Interface Confined Assembly. Journal of the American Chemical Society, 2022, 144, 11767-11777.	13.7	41
14	Visibleâ€Light Responsive TiO₂â€Based Materials for Efficient Solar Energy Utilization. Advanced Energy Materials, 2021, 11, 2003303.	19.5	118
15	Monodisperse Ultrahigh Nitrogenâ€Containing Mesoporous Carbon Nanospheres from Melamineâ€Formaldehyde Resin. Small Methods, 2021, 5, e2001137.	8.6	58
16	NIRâ€II Jâ€Aggregates Labelled Mesoporous Implant for Imagingâ€Guided Osteosynthesis with Minimal Invasion. Advanced Functional Materials, 2021, 31, 2100656.	14.9	14
17	General Synthesis of Ultrafine Monodispersed Hybrid Nanoparticles from Highly Stable Monomicelles. Advanced Materials, 2021, 33, e2100820.	21.0	30
18	Precisely Controlled Vertical Alignment in Mesostructured Carbon Thin Films for Efficient Electrochemical Sensing. ACS Nano, 2021, 15, 7713-7721.	14.6	28

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19	Sequential Superassembly of Nanofiber Arrays to Carbonaceous Ordered Mesoporous Nanowires and Their Heterostructure Membranes for Osmotic Energy Conversion. Journal of the American Chemical Society, 2021, 143, 6922-6932.	13.7	61
20	Programmable synthesis of radially gradient-structured mesoporous carbon nanospheres with tunable core-shell architectures. CheM, 2021, 7, 1020-1032.	11.7	77
21	Recent advances in TiO₂â€based catalysts for N₂ reduction reaction. SusMat, 2021, 1, 174-193.	14.9	50
22	Inorganic-organic competitive coating strategy derived uniform hollow gradient-structured ferroferric oxide-carbon nanospheres for ultra-fast and long-term lithium-ion battery. Nature Communications, 2021, 12, 2973.	12.8	62
23	Streamlined Mesoporous Silica Nanoparticles with Tunable Curvature from Interfacial Dynamic-Migration Strategy for Nanomotors. Nano Letters, 2021, 21, 6071-6079.	9.1	24
24	Precisely Designed Mesoscopic Titania for High-Volumetric-Density Pseudocapacitance. Journal of the American Chemical Society, 2021, 143, 14097-14105.	13.7	30
25	Near-infrared manipulation of multiple neuronal populations via trichromatic upconversion. Nature Communications, 2021, 12, 5662.	12.8	70
26	Interfacial Assembly and Applications of Functional Mesoporous Materials. Chemical Reviews, 2021, 121, 14349-14429.	47.7	151
27	Laser Cladding Induced Spherical Graphitic Phases by Super-Assembly of Graphene-Like Microstructures and the Antifriction Behavior. ACS Central Science, 2021, 7, 318-326.	11.3	8
28	Spiral self-assembly of lamellar micelles into multi-shelled hollow nanospheres with unique chiral architecture. Science Advances, 2021, 7, eabi7403.	10.3	54
29	Interfacial Assembly of Mesoporous Silicaâ€Based Optical Heterostructures for Sensing Applications. Advanced Functional Materials, 2020, 30, 1906950.	14.9	62
30	Sequential Chemistry Toward Coreâ€“Shell Structured Metal Sulfides as Stable and Highly Efficient Visibleâ€Light Photocatalysts. Angewandte Chemie - International Edition, 2020, 59, 3287-3293.	13.8	80
31	Sequential Chemistry Toward Coreâ€“Shell Structured Metal Sulfides as Stable and Highly Efficient Visibleâ€Light Photocatalysts. Angewandte Chemie, 2020, 132, 3313-3319.	2.0	16
32	Synthesis of orthogonally assembled 3D cross-stacked metal oxide semiconducting nanowires. Nature Materials, 2020, 19, 203-211.	27.5	172
33	Interfacial Assembly Directed Unique Mesoporous Architectures: From Symmetric to Asymmetric. Accounts of Materials Research, 2020, 1, 100-114.	11.7	38
34	Highly dispersed Feâ€“Ce mixed oxide catalysts confined in mesochannels toward low-temperature oxidation of formaldehyde. Journal of Materials Chemistry A, 2020, 8, 17174-17184.	10.3	43
35	Mesoporous Materials for Electrochemical Energy Storage and Conversion. Advanced Energy Materials, 2020, 10, 2002152.	19.5	162
36	Surface-Confined Winding Assembly of Mesoporous Nanorods. Journal of the American Chemical Society, 2020, 142, 20359-20367.	13.7	28

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37	Emerging trends in porous materials for CO₂capture and conversion. Chemical Society Reviews, 2020, 49, 4360-4404.	38.1	473
38	Branched Mesoporous TiO2 Mesocrystals by Epitaxial Assembly of Micelles for Photocatalysis. Cell Reports Physical Science, 2020, 1, 100081.	5.6	7
39	Stable Ti³⁺ Defects in Oriented Mesoporous Titania Frameworks for Efficient Photocatalysis. Angewandte Chemie, 2020, 132, 17829-17836.	2.0	20
40	Stable Ti³⁺ Defects in Oriented Mesoporous Titania Frameworks for Efficient Photocatalysis. Angewandte Chemie - International Edition, 2020, 59, 17676-17683.	13.8	80
41	Engine-Trailer-Structured Nanotrucks for Efficient Nano-Bio Interactions and Bioimaging-Guided Drug Delivery. CheM, 2020, 6, 1097-1112.	11.7	55
42	Recent advances in the synthesis of hierarchically mesoporous TiO2 materials for energy and environmental applications. National Science Review, 2020, 7, 1702-1725.	9.5	139
43	Preparation of mesoporous anatase titania with large secondary mesopores and extraordinarily high photocatalytic performances. Applied Catalysis B: Environmental, 2020, 269, 118756.	20.2	17
44	A Universal Labâ€onâ€Saltâ€Particle Approach to 2D Singleâ€Layer Ordered Mesoporous Materials. Advanced Materials, 2020, 32, e1906653.	21.0	41
45	Ensembles of Photonic Beads: Optical Properties and Enhanced Lightâ€”Matter Interactions. Advanced Optical Materials, 2020, 8, 1901537.	7.3	16
46	Size and charge dual-transformable mesoporous nanoassemblies for enhanced drug delivery and tumor penetration. Chemical Science, 2020, 11, 2819-2827.	7.4	66
47	Super-assembled core-shell mesoporous silica-metal-phenolic network nanoparticles for combinatorial photothermal therapy and chemotherapy. Nano Research, 2020, 13, 1013-1019.	10.4	69
48	Scalable Synthesis of Uniform Mesoporous Aluminosilicate Microspheres with Controllable Size and Morphology and High Hydrothermal Stability for Efficient Acid Catalysis. ACS Applied Materials & Interfaces, 2020, 12, 21922-21935.	8.0	17
49	Artificial Blood Vessel Frameworks from 3D Printing-Based Super-Assembly as In Vitro Models for Early Diagnosis of Intracranial Aneurysms. Chemistry of Materials, 2020, 32, 3188-3198.	6.7	8
50	Hetero-atom-doped carbon dots: Doping strategies, properties and applications. Nano Today, 2020, 33, 100879.	11.9	318
51	Molecular Design Strategy for Ordered Mesoporous Stoichiometric Metal Oxide. Angewandte Chemie, 2019, 131, 16010-16015.	2.0	8
52	Molecular Design Strategy for Ordered Mesoporous Stoichiometric Metal Oxide. Angewandte Chemie - International Edition, 2019, 58, 15863-15868.	13.8	50
53	Elemental Migration in Core/Shell Structured Lanthanide Doped Nanoparticles. Chemistry of Materials, 2019, 31, 5608-5615.	6.7	49
54	Heterogeneous Contraction-Mediated Asymmetric Carbon Colloids. , 2019, 1, 290-296.		20

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55	Interfacial Superâ€Assembled Porous CeO₂/C Frameworks Featuring Efficient and Sensitive Decomposing Li₂O₂ for Smart Liâ€“O₂ Batteries. Advanced Energy Materials, 2019, 9, 1901751.	19.5	71
56	Mass production of large-pore phosphorus-doped mesoporous carbon for fast-rechargeable lithium-ion batteries. Energy Storage Materials, 2019, 22, 147-153.	18.0	78
57	Macroscopic synthesis of ultrafine Nâ€“doped carbon nanofibers for superior capacitive energy storage. Science Bulletin, 2019, 64, 1617-1624.	9.0	66
58	Cementing Mesoporous ZnO with Silica for Controllable and Switchable Gas Sensing Selectivity. Chemistry of Materials, 2019, 31, 8112-8120.	6.7	58
59	Spherical Mesoporous Materials from Single to Multilevel Architectures. Accounts of Chemical Research, 2019, 52, 2928-2938.	15.6	142
60	Defect-engineering of mesoporous TiO2 microspheres with phase junctions for efficient visible-light driven fuel production. Nano Energy, 2019, 66, 104113.	16.0	107
61	Two-Dimensional Mesoporous Heterostructure Delivering Superior Pseudocapacitive Sodium Storage via Bottom-Up Monomicelle Assembly. Journal of the American Chemical Society, 2019, 141, 16755-16762.	13.7	99
62	Surface-kinetics mediated mesoporous multipods for enhanced bacterial adhesion and inhibition. Nature Communications, 2019, 10, 4387.	12.8	65
63	Janus Mesoporous Sensor Devices for Simultaneous Multivariable Gases Detection. Matter, 2019, 1, 1274-1284.	10.0	45
64	Spray-drying water-based assembly of hierarchical and ordered mesoporous silica microparticles with enhanced pore accessibility for efficient bio-adsorption. Journal of Colloid and Interface Science, 2019, 556, 529-540.	9.4	20
65	Single-micelle-directed synthesis of mesoporous materials. Nature Reviews Materials, 2019, 4, 775-791.	48.7	208
66	Mesoporous anatase crystal-silica nanocomposites with large intrawall mesopores presenting quite excellent photocatalytic performances. Applied Catalysis B: Environmental, 2019, 246, 284-295.	20.2	21
67	Ultrahigh Surface Area Nâ€Doped Hierarchically Porous Carbon for Enhanced CO₂ Capture and Electrochemical Energy Storage. ChemSusChem, 2019, 12, 3541-3549.	6.8	42
68	Confined Interfacial Monomicelle Assembly for Precisely Controlled Coating of Single-Layered Titania Mesopores. Matter, 2019, 1, 527-538.	10.0	80
69	Liquidâ€“Solid Interfacial Assemblies of Soft Materials for Functional Freestanding Layered Membraneâ€“Based Devices toward Electrochemical Energy Systems. Advanced Energy Materials, 2019, 9, 1804005.	19.5	18
70	sp²-Hybridized Carbon-Containing Block Copolymer Templated Synthesis of Mesoporous Semiconducting Metal Oxides with Excellent Gas Sensing Property. Accounts of Chemical Research, 2019, 52, 714-725.	15.6	90
71	Superassembled Biocatalytic Porous Framework Micromotors with Reversible and Sensitive pHâ€Speed Regulation at Ultralow Physiological H₂O₂ Concentration. Advanced Functional Materials, 2019, 29, 1808900.	14.9	66
72	Synthesis of carbon nanotubes@mesoporous carbon coreâ€“shell structured electrocatalysts via a molecule-mediated interfacial co-assembly strategy. Journal of Materials Chemistry A, 2019, 7, 8975-8983.	10.3	55

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73	Versatile Nanoemulsion Assembly Approach to Synthesize Functional Mesoporous Carbon Nanospheres with Tunable Pore Sizes and Architectures. Journal of the American Chemical Society, 2019, 141, 7073-7080.	13.7	388
74	Synthesis of uniform ordered mesoporous TiO₂ microspheres with controllable phase junctions for efficient solar water splitting. Chemical Science, 2019, 10, 1664-1670.	7.4	131
75	Encapsulating highly crystallized mesoporous Fe3O4 in hollow N-doped carbon nanospheres for high-capacity long-life sodium-ion batteries. Nano Energy, 2019, 56, 426-433.	16.0	111
76	Pore Engineering of Mesoporous Tungsten Oxides for Ultrasensitive Gas Sensing. Advanced Materials Interfaces, 2019, 6, 1801269.	3.7	35
77	Yolk@Shell SiO /C microspheres with semi-graphitic carbon coating on the exterior and interior surfaces for durable lithium storage. Energy Storage Materials, 2019, 19, 299-305.	18.0	167
78	Mesoporous Organosilica Hollow Nanoparticles: Synthesis and Applications. Advanced Materials, 2019, 31, e1707612.	21.0	179
79	Catalyst-Free Epoxidation of Limonene to Limonene Dioxide. ACS Sustainable Chemistry and Engineering, 2018, 6, 5115-5121.	6.7	34
80	Uniform Ordered Two-Dimensional Mesoporous TiO₂ Nanosheets from Hydrothermal-Induced Solvent-Confined Monomicelle Assembly. Journal of the American Chemical Society, 2018, 140, 4135-4143.	13.7	242
81	Mesoporous TiO2/TiC@C Composite Membranes with Stable TiO2-C Interface for Robust Lithium Storage. IScience, 2018, 3, 149-160.	4.1	45
82	Scalable synthesis of wrinkled mesoporous titania microspheres with uniform large micron sizes for efficient removal of Cr(<scp>vi</scp>). Journal of Materials Chemistry A, 2018, 6, 3954-3966.	10.3	45
83	Nearâ€Infrared Triggered Decomposition of Nanocapsules with High Tumor Accumulation and Stimuli Responsive Fast Elimination. Angewandte Chemie - International Edition, 2018, 57, 2611-2615.	13.8	111
84	Nearâ€Infrared Triggered Decomposition of Nanocapsules with High Tumor Accumulation and Stimuli Responsive Fast Elimination. Angewandte Chemie, 2018, 130, 2641-2645.	2.0	27
85	Deformable Hollow Periodic Mesoporous Organosilica Nanocapsules for Significantly Improved Cellular Uptake. Journal of the American Chemical Society, 2018, 140, 1385-1393.	13.7	168
86	Ordered Mesoporous Tin Oxide Semiconductors with Large Pores and Crystallized Walls for High-Performance Gas Sensing. ACS Applied Materials & Interfaces, 2018, 10, 1871-1880.	8.0	89
87	A template-catalyzed in situ polymerization and co-assembly strategy for rich nitrogen-doped mesoporous carbon. Journal of Materials Chemistry A, 2018, 6, 3162-3170.	10.3	77
88	Fully printable hole-conductor-free mesoscopic perovskite solar cells based on mesoporous anatase single crystals. New Journal of Chemistry, 2018, 42, 2669-2674.	2.8	17
89	Ordered porous metal oxide semiconductors for gas sensing. Chinese Chemical Letters, 2018, 29, 405-416.	9.0	134
90	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.	2.4	131

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91	Pt Nanoparticles Sensitized Ordered Mesoporous WO₃ Semiconductor: Gas Sensing Performance and Mechanism Study. Advanced Functional Materials, 2018, 28, 1705268.	14.9	231
92	Mesoporous carbon matrix confinement synthesis of ultrasmall WO3 nanocrystals for lithium ion batteries. Journal of Materials Chemistry A, 2018, 6, 21550-21557.	10.3	38
93	Mesoporous TiO2 Microspheres with Precisely Controlled Crystallites and Architectures. CheM, 2018, 4, 2436-2450.	11.7	76
94	CoFe₂O₄ Nanocrystals Mediated Crystallization Strategy for Magnetic Functioned ZSMâ€5 Catalysts. Advanced Functional Materials, 2018, 28, 1802088.	14.9	15
95	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.	13.7	120
96	Magnetic mesoporous TiO₂ microspheres for sustainable arsenate removal from acidic environments. Inorganic Chemistry Frontiers, 2018, 5, 2132-2139.	6.0	12
97	Amphiphilic Block Copolymers Directed Interface Coassembly to Construct Multifunctional Microspheres with Magnetic Core and Monolayer Mesoporous Aluminosilicate Shell. Advanced Materials, 2018, 30, e1800345.	21.0	45
98	A vesicle-aggregation-assembly approach to highly ordered mesoporous Î³-alumina microspheres with shifted double-diamond networks. Chemical Science, 2018, 9, 7705-7714.	7.4	20
99	Coreâ€“shell structured titanium dioxide nanomaterials for solar energy utilization. Chemical Society Reviews, 2018, 47, 8203-8237.	38.1	258
100	Solâ€“Gel Synthesis of Metalâ€–Phenolic Coordination Spheres and Their Derived Carbon Composites. Angewandte Chemie, 2018, 130, 9986-9991.	2.0	39
101	Solâ€“Gel Synthesis of Metalâ€–Phenolic Coordination Spheres and Their Derived Carbon Composites. Angewandte Chemie - International Edition, 2018, 57, 9838-9843.	13.8	127
102	Nanoscale zero-valent iron in mesoporous carbon (nZVI@C): stable nanoparticles for metal extraction and catalysis. Journal of Materials Chemistry A, 2017, 5, 4478-4485.	10.3	62
103	New Insight into the Synthesis of Large-Pore Ordered Mesoporous Materials. Journal of the American Chemical Society, 2017, 139, 1706-1713.	13.7	274
104	Near-Infrared-Activated Upconversion Nanoprobes for Sensitive Endogenous Zn²⁺ Detection and Selective On-Demand Photodynamic Therapy. Analytical Chemistry, 2017, 89, 3492-3500.	6.5	43
105	Ordered Mesoporous Alumina with Ultra-Large Pores as an Efficient Absorbent for Selective Bioenrichment. Chemistry of Materials, 2017, 29, 2211-2217.	6.7	89
106	Nanoengineering of Coreâ€“Shell Magnetic Mesoporous Microspheres with Tunable Surface Roughness. Journal of the American Chemical Society, 2017, 139, 4954-4961.	13.7	135
107	Intricate Hollow Structures: Controlled Synthesis and Applications in Energy Storage and Conversion. Advanced Materials, 2017, 29, 1602914.	21.0	523
108	Porous Carbon Composites for Next Generation Rechargeable Lithium Batteries. Advanced Energy Materials, 2017, 7, 1700283.	19.5	263

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109	Dumbbellâ€Shaped Biâ€component Mesoporous Janus Solid Nanoparticles for Biphasic Interface Catalysis. Angewandte Chemie, 2017, 129, 8579-8583.	2.0	34
110	Dumbbellâ€Shaped Biâ€component Mesoporous Janus Solid Nanoparticles for Biphasic Interface Catalysis. Angewandte Chemie - International Edition, 2017, 56, 8459-8463.	13.8	204
111	Broadening microwave absorption via a multi-domain structure. APL Materials, 2017, 5, .	5.1	35
112	General Oriented Formation of Carbon Nanotubes from Metalâ€“Organic Frameworks. Journal of the American Chemical Society, 2017, 139, 8212-8221.	13.7	777
113	Directly anchoring Fe3C nanoclusters and FeNx sites in ordered mesoporous nitrogen-doped graphitic carbons to boost electrocatalytic oxygen reduction. Carbon, 2017, 121, 143-153.	10.3	71
114	Mass Production of Monodisperse Carbon Microspheres with Sizeâ€Dependent Supercapacitor Performance via Aqueous Selfâ€Catalyzed Polymerization. ChemPlusChem, 2017, 82, 872-878.	2.8	46
115	Three-dimensional interconnected mesoporous anatase TiO2 exhibiting unique photocatalytic performances. Applied Catalysis B: Environmental, 2017, 217, 293-302.	20.2	45
116	Degradationâ€Restructuring Induced Anisotropic Epitaxial Growth for Fabrication of Asymmetric Diblock and Triblock Mesoporous Nanocomposites. Advanced Materials, 2017, 29, 1701652.	21.0	53
117	Amorphous TiO₂ Shells: A Vital Elastic Buffering Layer on Silicon Nanoparticles for Highâ€Performance and Safe Lithium Storage. Advanced Materials, 2017, 29, 1700523.	21.0	342
118	Activation effect of silver nanoparticles on the photoelectrochemical performance of mesoporous TiO 2 nanospheres photoanodes for water oxidation reaction. International Journal of Hydrogen Energy, 2017, 42, 11346-11355.	7.1	25
119	Sandwich-structured TiO₂ inverse opal circulates slow photons for tremendous improvement in solar energy conversion efficiency. Journal of Materials Chemistry A, 2017, 5, 12803-12810.	10.3	39
120	Mesoporous TiO₂@N-doped carbon composite nanospheres synthesized by the direct carbonization of surfactants after solâ€“gel process for superior lithium storage. Nanoscale, 2017, 9, 1539-1546.	5.6	57
121	Constructing Three-Dimensional Mesoporous Bouquet-Posy-like TiO₂ Superstructures with Radially Oriented Mesochannels and Single-Crystal Walls. Journal of the American Chemical Society, 2017, 139, 517-526.	13.7	76
122	N-doped carbon hollow microspheres for metal-free quasi-solid-state full sodium-ion capacitors. Nano Energy, 2017, 41, 674-680.	16.0	153
123	Plasmolysis-Inspired Nanoengineering of Functional Yolkâ€“Shell Microspheres with Magnetic Core and Mesoporous Silica Shell. Journal of the American Chemical Society, 2017, 139, 15486-15493.	13.7	187
124	Unique hybrid Ni₂P/MoO₂@MoS₂ nanomaterials as bifunctional non-noble-metal electro-catalysts for water splitting. Nanoscale, 2017, 9, 17349-17356.	5.6	49
125	One-pot synthesis of Ni nanoparticle/ordered mesoporous carbon composite electrode materials for electrocatalytic reduction of aromatic ketones. Nanoscale, 2017, 9, 17807-17813.	5.6	12
126	Conformal Coating of Co/Nâ€Doped Carbon Layers into Mesoporous Silica for Highly Efficient Catalytic Dehydrogenationâ€“Hydrogenation Tandem Reactions. Small, 2017, 13, 1702243.	10.0	45

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127	Mesoporous Silica Thin Membranes with Large Vertical Mesochannels for Nanosizeâ€Based Separation. Advanced Materials, 2017, 29, 1702274.	21.0	87
128	Aerosol synthesis of trivalent titanium doped titania/carbon composite microspheres with superior sodium storage performance. Nano Research, 2017, 10, 4351-4359.	10.4	47
129	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.	13.7	200
130	Phenyl-functionalized mesoporous silica materials for the rapid and efficient removal of phthalate esters. Journal of Colloid and Interface Science, 2017, 487, 354-359.	9.4	32
131	Facile Synthesis of Uniform Virus-like Mesoporous Silica Nanoparticles for Enhanced Cellular Internalization. ACS Central Science, 2017, 3, 839-846.	11.3	207
132	Coreâ€“Shell Silicon@Mesoporous TiO₂ Heterostructure: Towards Solarâ€Powered Photoelectrochemical Conversion. ChemNanoMat, 2016, 2, 647-651.	2.8	4
133	Facile Fabrication of Dendritic Mesoporous SiO₂@CdTe@SiO₂ Fluorescent Nanoparticles for Bioimaging. Particle and Particle Systems Characterization, 2016, 33, 261-270.	2.3	26
134	Scalable synthesis of mesoporous titania microspheres via spray-drying method. Journal of Colloid and Interface Science, 2016, 479, 150-159.	9.4	27
135	Preparation of Secondary Mesopores in Mesoporous Anataseâ€“Silica Nanocomposites with Unprecedentedâ€High Photocatalytic Degradation Performances. Advanced Functional Materials, 2016, 26, 964-976.	14.9	31
136	Filtration Shell Mediated Power Density Independent Orthogonal Excitationsâ€“Emissions Upconversion Luminescence. Angewandte Chemie, 2016, 128, 2510-2515.	2.0	33
137	Periodic Mesoporous Organosilica Nanocubes with Ultrahigh Surface Areas for Efficient CO2 Adsorption. Scientific Reports, 2016, 6, 20769.	3.3	49
138	Direct Superassemblies of Freestanding Metalâ€“Carbon Frameworks Featuring Reversible Crystalline-Phase Transformation for Electrochemical Sodium Storage. Journal of the American Chemical Society, 2016, 138, 16533-16541.	13.7	120
139	A versatile in situ etching-growth strategy for synthesis of yolkâ€“shell structured periodic mesoporous organosilica nanocomposites. RSC Advances, 2016, 6, 51470-51479.	3.6	16
140	Carbon functionalized mesoporous silica-based gas sensors for indoor volatile organic compounds. Journal of Colloid and Interface Science, 2016, 477, 54-63.	9.4	23
141	Surfactant-templating strategy for ultrathin mesoporous TiO2 coating on flexible graphitized carbon supports for high-performance lithium-ion battery. Nano Energy, 2016, 25, 80-90.	16.0	103
142	Facile strategy for controllable synthesis of stable mesoporous black TiO₂ hollow spheres with efficient solar-driven photocatalytic hydrogen evolution. Journal of Materials Chemistry A, 2016, 4, 7495-7502.	10.3	198
143	Synthesis of Monodisperse Mesoporous TiO₂ Nanospheres from a Simple Double-Surfactant Assembly-Directed Method for Lithium Storage. ACS Applied Materials & Interfaces, 2016, 8, 25586-25594.	8.0	35
144	Synthesis of 2Dâ€Mesoporousâ€Carbon/MoS₂ Heterostructures with Wellâ€Defined Interfaces for Highâ€Performance Lithiumâ€Ion Batteries. Advanced Materials, 2016, 28, 9385-9390.	21.0	253

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145	Ordered Mesoporous Carbonaceous Materials with Tunable Surface Property for Enrichment of Hexachlorobenzene. Langmuir, 2016, 32, 9922-9929.	3.5	21
146	A Quasiâ€Solidâ€State Liâ€Ion Capacitor Based on Porous TiO₂ Hollow Microspheres Wrapped with Graphene Nanosheets. Small, 2016, 12, 6207-6213.	10.0	118
147	Interfacial engineering of magnetic particles with porous shells: Towards magnetic core â€“ Porous shell microparticles. Nano Today, 2016, 11, 464-482.	11.9	61
148	Controlled Synthesis of Ordered Mesoporous Carbon-Cobalt Oxide Nanocomposites with Large Mesopores and Graphitic Walls. Chemistry of Materials, 2016, 28, 7773-7780.	6.7	63
149	A Micelle Fusionâ€“Aggregation Assembly Approach to Mesoporous Carbon Materials with Rich Active Sites for Ultrasensitive Ammonia Sensing. Journal of the American Chemical Society, 2016, 138, 12586-12595.	13.7	152
150	Enhanced sequestration of large-sized dissolved organic micropollutants in polymeric membranes incorporated with mesoporous carbon. RSC Advances, 2016, 6, 81477-81484.	3.6	5
151	Chelation-assisted soft-template synthesis of ordered mesoporous zinc oxides for low concentration gas sensing. Journal of Materials Chemistry A, 2016, 4, 15064-15071.	10.3	93
152	Achieving High-Performance Room-Temperature Sodiumâ€“Sulfur Batteries With S@Interconnected Mesoporous Carbon Hollow Nanospheres. Journal of the American Chemical Society, 2016, 138, 16576-16579.	13.7	280
153	Hierarchical ordered macro/mesoporous titania with a highly interconnected porous structure for efficient photocatalysis. Journal of Materials Chemistry A, 2016, 4, 16446-16453.	10.3	27
154	Direct Heating Amino Acids with Silica: A Universal Solventâ€Free Assembly Approach to Highly Nitrogenâ€Doped Mesoporous Carbon Materials. Advanced Functional Materials, 2016, 26, 6649-6661.	14.9	67
155	Mesoporous materials for energy conversion and storage devices. Nature Reviews Materials, 2016, 1, .	48.7	1,031
156	Amphiphilic Block Copolymer Templated Synthesis of Mesoporous Indium Oxides with Nanosheet-Assembled Pore Walls. Chemistry of Materials, 2016, 28, 7997-8005.	6.7	74
157	Filtration Shell Mediated Power Density Independent Orthogonal Excitationsâ€“Emissions Upconversion Luminescence. Angewandte Chemie - International Edition, 2016, 55, 2464-2469.	13.8	219
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