

List of Publications by Year in descending order

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papers

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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.	4.6	27
2	Core-shell Structured Micro-Nanomotors: Construction, Shell Functionalization, Applications, and Perspectives. Small, 2022, 18, e2102887.	5.2	16
3	Hierarchically Porous Silica Membrane as Separator for High-Performance Lithium-Ion Batteries. Advanced Materials, 2022, 34, e2107957.	11.1	59
4	Kinetics-Regulated Interfacial Selective Superassembly of Asymmetric Smart Nanovehicles with Tailored Topological Hollow Architectures. Angewandte Chemie - International Edition, 2022, 61, .	7.2	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.	6.6	64
6	Highly stable hybrid single-micelle: a universal nanocarrier for hydrophobic bioimaging agents. Nano Research, 2022, 15, 4582-4589.	5.8	6
7	Interfacial Assembly of Functional Mesoporous Carbon-Based Materials into Films for Batteries and Electrocatalysis. Advanced Materials Interfaces, 2022, 9, .	1.9	13
8	Versatile Synthesis of Mesoporous Crystalline TiO ₂ Materials by Monomicelle Assembly. Angewandte Chemie - International Edition, 2022, 61, .	7.2	21
9	Gradient Hierarchically Porous Structure for Rapid Capillary-Assisted Catalysis. Journal of the American Chemical Society, 2022, 144, 6091-6099.	6.6	38
10	Functional Ordered Mesoporous Materials: Present and Future. Nano Letters, 2022, 22, 3177-3179.	4.5	36
11	Modular super-assembly of hierarchical superstructures from monomicelle building blocks. Science Advances, 2022, 8, eabo0283.	4.7	23
12	Unusual Mesoporous Titanium Niobium Oxides Realizing Sodium-Ion Batteries Operated at ~40°C. Advanced Materials, 2022, 34, e2202873.	11.1	28
13	Constructing Unique Mesoporous Carbon Superstructures via Monomicelle Interface Confined Assembly. Journal of the American Chemical Society, 2022, 144, 11767-11777.	6.6	41
14	Visible-Light Responsive TiO ₂ -Based Materials for Efficient Solar Energy Utilization. Advanced Energy Materials, 2021, 11, 2003303.	10.2	118
15	Monodisperse Ultrahigh Nitrogen-Containing Mesoporous Carbon Nanospheres from Melamine-Formaldehyde Resin. Small Methods, 2021, 5, e2001137.	4.6	58
16	NIR-IR Aggregates Labelled Mesoporous Implant for Imaging-Guided Osteosynthesis with Minimal Invasion. Advanced Functional Materials, 2021, 31, 2100656.	7.8	14
17	General Synthesis of Ultrafine Monodispersed Hybrid Nanoparticles from Highly Stable Monomicelles. Advanced Materials, 2021, 33, e2100820.	11.1	30
18	Precisely Controlled Vertical Alignment in Mesostructured Carbon Thin Films for Efficient Electrochemical Sensing. ACS Nano, 2021, 15, 7713-7721.	7.3	28

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19	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
20	Programmable synthesis of radially gradient-structured mesoporous carbon nanospheres with tunable core-shell architectures. <i>CheM</i> , 2021, 7, 1020-1032.	5.8	77
21	Recent advances in TiO ₂ -based catalysts for N ₂ reduction reaction. <i>SusMat</i> , 2021, 1, 174-193.	7.8	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. <i>Nature Communications</i> , 2021, 12, 2973.	5.8	62
23	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
24	Precisely Designed Mesoscopic Titania for High-Volumetric-Density Pseudocapacitance. <i>Journal of the American Chemical Society</i> , 2021, 143, 14097-14105.	6.6	30
25	Near-infrared manipulation of multiple neuronal populations via trichromatic upconversion. <i>Nature Communications</i> , 2021, 12, 5662.	5.8	70
26	Interfacial Assembly and Applications of Functional Mesoporous Materials. <i>Chemical Reviews</i> , 2021, 121, 14349-14429.	23.0	151
27	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
28	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
29	Interfacial Assembly of Mesoporous Silica-Based Optical Heterostructures for Sensing Applications. <i>Advanced Functional Materials</i> , 2020, 30, 1906950.	7.8	62
30	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
31	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
32	Synthesis of orthogonally assembled 3D cross-stacked metal oxide semiconducting nanowires. <i>Nature Materials</i> , 2020, 19, 203-211.	13.3	172
33	Interfacial Assembly Directed Unique Mesoporous Architectures: From Symmetric to Asymmetric. <i>Accounts of Materials Research</i> , 2020, 1, 100-114.	5.9	38
34	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
35	Mesoporous Materials for Electrochemical Energy Storage and Conversion. <i>Advanced Energy Materials</i> , 2020, 10, 2002152.	10.2	162
36	Surface-Confined Winding Assembly of Mesoporous Nanorods. <i>Journal of the American Chemical Society</i> , 2020, 142, 20359-20367.	6.6	28

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37	Emerging trends in porous materials for CO ₂ capture and conversion. <i>Chemical Society Reviews</i> , 2020, 49, 4360-4404.	18.7	473
38	Branched Mesoporous TiO ₂ Mesocrystals by Epitaxial Assembly of Micelles for Photocatalysis. <i>Cell Reports Physical Science</i> , 2020, 1, 100081.	2.8	7
39	Stable Ti ³⁺ Defects in Oriented Mesoporous Titania Frameworks for Efficient Photocatalysis. <i>Angewandte Chemie</i> , 2020, 132, 17829-17836.	1.6	20
40	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
41	Engine-Trailer-Structured Nanotrucks for Efficient Nano-Bio Interactions and Bioimaging-Guided Drug Delivery. <i>CheM</i> , 2020, 6, 1097-1112.	5.8	55
42	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
43	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
44	A Universal Lab-on-a-Chip Particle Approach to 2D Single-Layer Ordered Mesoporous Materials. <i>Advanced Materials</i> , 2020, 32, e1906653.	11.1	41
45	Ensembles of Photonic Beads: Optical Properties and Enhanced Light-Matter Interactions. <i>Advanced Optical Materials</i> , 2020, 8, 1901537.	3.6	16
46	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
47	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
48	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
49	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
50	Hetero-atom-doped carbon dots: Doping strategies, properties and applications. <i>Nano Today</i> , 2020, 33, 100879.	6.2	318
51	Molecular Design Strategy for Ordered Mesoporous Stoichiometric Metal Oxide. <i>Angewandte Chemie</i> , 2019, 131, 16010-16015.	1.6	8
52	Molecular Design Strategy for Ordered Mesoporous Stoichiometric Metal Oxide. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15863-15868.	7.2	50
53	Elemental Migration in Core/Shell Structured Lanthanide Doped Nanoparticles. <i>Chemistry of Materials</i> , 2019, 31, 5608-5615.	3.2	49
54	Heterogeneous Contraction-Mediated Asymmetric Carbon Colloids. , 2019, 1, 290-296.		20

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55	Interfacial Superassembled Porous CeO ₂ /C Frameworks Featuring Efficient and Sensitive Decomposing Li ₂ O for Smart LiO ₂ Batteries. <i>Advanced Energy Materials</i> , 2019, 9, 1901751.	10.2	71
56	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
57	Macroscopic synthesis of ultrafine N-doped carbon nanofibers for superior capacitive energy storage. <i>Science Bulletin</i> , 2019, 64, 1617-1624.	4.3	66
58	Cementing Mesoporous ZnO with Silica for Controllable and Switchable Gas Sensing Selectivity. <i>Chemistry of Materials</i> , 2019, 31, 8112-8120.	3.2	58
59	Spherical Mesoporous Materials from Single to Multilevel Architectures. <i>Accounts of Chemical Research</i> , 2019, 52, 2928-2938.	7.6	142
60	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
61	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
62	Surface-kinetics mediated mesoporous multipods for enhanced bacterial adhesion and inhibition. <i>Nature Communications</i> , 2019, 10, 4387.	5.8	65
63	Janus Mesoporous Sensor Devices for Simultaneous Multivariable Gases Detection. <i>Matter</i> , 2019, 1, 1274-1284.	5.0	45
64	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
65	Single-micelle-directed synthesis of mesoporous materials. <i>Nature Reviews Materials</i> , 2019, 4, 775-791.	23.3	208
66	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
67	Ultrahigh Surface Area Doped Hierarchically Porous Carbon for Enhanced CO ₂ Capture and Electrochemical Energy Storage. <i>ChemSusChem</i> , 2019, 12, 3541-3549.	3.6	42
68	Confined Interfacial Monomicelle Assembly for Precisely Controlled Coating of Single-Layered Titania Mesopores. <i>Matter</i> , 2019, 1, 527-538.	5.0	80
69	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
70	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
71	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
72	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

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73	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
74	Synthesis of uniform ordered mesoporous TiO ₂ microspheres with controllable phase junctions for efficient solar water splitting. <i>Chemical Science</i> , 2019, 10, 1664-1670.	3.7	131
75	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
76	Pore Engineering of Mesoporous Tungsten Oxides for Ultrasensitive Gas Sensing. <i>Advanced Materials Interfaces</i> , 2019, 6, 1801269.	1.9	35
77	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
78	Mesoporous Organosilica Hollow Nanoparticles: Synthesis and Applications. <i>Advanced Materials</i> , 2019, 31, e1707612.	11.1	179
79	Catalyst-Free Epoxidation of Limonene to Limonene Dioxide. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 5115-5121.	3.2	34
80	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
81	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
82	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
83	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
84	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
85	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
86	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
87	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
88	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
89	Ordered porous metal oxide semiconductors for gas sensing. <i>Chinese Chemical Letters</i> , 2018, 29, 405-416.	4.8	134
90	Surface functionalization and manipulation of mesoporous silica adsorbents for improved removal of pollutants: a review. <i>Environmental Science: Water Research and Technology</i> , 2018, 4, 110-128.	1.2	131

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91	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
92	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
93	Mesoporous TiO ₂ Microspheres with Precisely Controlled Crystallites and Architectures. <i>CheM</i> , 2018, 4, 2436-2450.	5.8	76
94	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
95	Spatial Isolation of Carbon and Silica in a Single Janus Mesoporous Nanoparticle with Tunable Amphiphilicity. <i>Journal of the American Chemical Society</i> , 2018, 140, 10009-10015.	6.6	120
96	Magnetic mesoporous TiO ₂ microspheres for sustainable arsenate removal from acidic environments. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 2132-2139.	3.0	12
97	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
98	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
99	Core-shell structured titanium dioxide nanomaterials for solar energy utilization. <i>Chemical Society Reviews</i> , 2018, 47, 8203-8237.	18.7	258
100	Sol-Gel Synthesis of Metal-Phenolic Coordination Spheres and Their Derived Carbon Composites. <i>Angewandte Chemie</i> , 2018, 130, 9986-9991.	1.6	39
101	Sol-Gel Synthesis of Metal-Phenolic Coordination Spheres and Their Derived Carbon Composites. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9838-9843.	7.2	127
102	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
103	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
104	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
105	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
106	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
107	Intricate Hollow Structures: Controlled Synthesis and Applications in Energy Storage and Conversion. <i>Advanced Materials</i> , 2017, 29, 1602914.	11.1	523
108	Porous Carbon Composites for Next Generation Rechargeable Lithium Batteries. <i>Advanced Energy Materials</i> , 2017, 7, 1700283.	10.2	263

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109	Dumbbell-Shaped Bi-component Mesoporous Janus Solid Nanoparticles for Biphasic Interface Catalysis. <i>Angewandte Chemie</i> , 2017, 129, 8579-8583.	1.6	34
110	Dumbbell-Shaped Bi-component Mesoporous Janus Solid Nanoparticles for Biphasic Interface Catalysis. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8459-8463.	7.2	204
111	Broadening microwave absorption via a multi-domain structure. <i>APL Materials</i> , 2017, 5, .	2.2	35
112	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
113	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
114	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
115	Three-dimensional interconnected mesoporous anatase TiO ₂ exhibiting unique photocatalytic performances. <i>Applied Catalysis B: Environmental</i> , 2017, 217, 293-302.	10.8	45
116	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
117	Amorphous TiO ₂ Shells: A Vital Elastic Buffering Layer on Silicon Nanoparticles for High-Performance and Safe Lithium Storage. <i>Advanced Materials</i> , 2017, 29, 1700523.	11.1	342
118	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
119	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
120	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
121	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
122	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
123	Plasmolysis-Inspired Nanoengineering of Functional Yolk-Shell Microspheres with Magnetic Core and Mesoporous Silica Shell. <i>Journal of the American Chemical Society</i> , 2017, 139, 15486-15493.	6.6	187
124	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
125	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
126	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

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127	Mesoporous Silica Thin Membranes with Large Vertical Mesochannels for Nanosize-Based Separation. <i>Advanced Materials</i> , 2017, 29, 1702274.	11.1	87
128	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
129	Mesoporous Tungsten Oxides with Crystalline Framework for Highly Sensitive and Selective Detection of Foodborne Pathogens. <i>Journal of the American Chemical Society</i> , 2017, 139, 10365-10373.	6.6	200
130	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
131	Facile Synthesis of Uniform Virus-like Mesoporous Silica Nanoparticles for Enhanced Cellular Internalization. <i>ACS Central Science</i> , 2017, 3, 839-846.	5.3	207
132	Core-Shell Silicon@Mesoporous TiO ₂ Heterostructure: Towards Solar-Powered Photoelectrochemical Conversion. <i>ChemNanoMat</i> , 2016, 2, 647-651.	1.5	4
133	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
134	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
135	Preparation of Secondary Mesopores in Mesoporous Anatase-Silica Nanocomposites with Unprecedented High Photocatalytic Degradation Performances. <i>Advanced Functional Materials</i> , 2016, 26, 964-976.	7.8	31
136	Filtration Shell Mediated Power Density Independent Orthogonal Excitations Emissions Upconversion Luminescence. <i>Angewandte Chemie</i> , 2016, 128, 2510-2515.	1.6	33
137	Periodic Mesoporous Organosilica Nanocubes with Ultrahigh Surface Areas for Efficient CO ₂ Adsorption. <i>Scientific Reports</i> , 2016, 6, 20769.	1.6	49
138	Direct Superassemblies of Freestanding Metal-Carbon Frameworks Featuring Reversible Crystalline-Phase Transformation for Electrochemical Sodium Storage. <i>Journal of the American Chemical Society</i> , 2016, 138, 16533-16541.	6.6	120
139	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
140	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
141	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
142	Facile strategy for controllable synthesis of stable mesoporous black TiO ₂ hollow spheres with efficient solar-driven photocatalytic hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2016, 4, 7495-7502.	5.2	198
143	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
144	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

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560	Single-strand spider silk templating for the formation of hierarchically ordered hollow mesoporous silica fibers. Journal of Materials Chemistry, 2003, 13, 666-668.	6.7	63
561	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/ . Chemical Communications, 2003, , 2726.	2.2	81
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565	The Upper Temperature Limit in Cooperative Assembly of Ordered Mesoporous Materials. Chemistry Letters, 2003, 32, 660-661.	0.7	12
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569	Three-Dimensional Cubic Mesoporous Structures of SBA-12 and Related Materials by Electron Crystallography. Journal of Physical Chemistry B, 2002, 106, 3118-3123.	1.2	160
570	Synthesis of ordered mesoporous carbon monoliths with bicontinuous cubic pore structure of Ia3d symmetry. Chemical Communications, 2002, , 2842-2843.	2.2	144
571	Fast preparation of highly ordered nonsiliceous mesoporous materials via mixed inorganic precursors. Chemical Communications, 2002, , 1824-1825.	2.2	148
572	Nonionic Block Copolymer Synthesis of Large-Pore Cubic Mesoporous Single Crystals by Use of Inorganic Salts. Journal of the American Chemical Society, 2002, 124, 4556-4557.	6.6	311
573	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
574	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; ¹ H NMR data; elemental analysis; SEM image; experimental characterization. See http://www.rsc.org/suppdata/cc/b2/b206993h/ . Chemical Communications, 2002, , 2212-2213.	2.2	50
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591	Hierarchical porous structures by using zeolite nanocrystals as building blocks. <i>Microporous and Mesoporous Materials</i> , 2001, 48, 73-78.	2.2	34
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