

# Chengzhong Yu

## List of Publications by Year in descending order

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374  
papers

28,697  
citations

3933

88  
h-index

6996

154  
g-index

386  
all docs

386  
docs citations

386  
times ranked

26164  
citing authors

#	ARTICLE	IF	CITATIONS
1	ZnO nanoparticles embedded in hollow carbon fiber membrane for electrochemical H <sub>2</sub> O <sub>2</sub> production by two-electron water oxidation reaction. <i>Environmental Research</i> , 2022, 206, 112290.	7.5	26
2	Dendritic Mesoporous Nanoparticles: Structure, Synthesis and Properties. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	30
3	A Pacmanâ€Like Titaniumâ€Doped Cobalt Sulfide Hollow Superstructure for Electrocatalytic Oxygen Evolution. <i>Small</i> , 2022, 18, e2103106.	10.0	28
4	Immune-regulating bimetallic metal-organic framework nanoparticles designed for cancer immunotherapy. <i>Biomaterials</i> , 2022, 280, 121261.	11.4	29
5	Dendritic Mesoporous Nanoparticles: Structure, Synthesis and Properties. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	52
6	Quantum dotsâ€™ size matters for balancing their quantity and quality in label materials to improve lateral flow immunoassay performance for C-reactive protein determination. <i>Biosensors and Bioelectronics</i> , 2022, 199, 113892.	10.1	12
7	Hierarchical Porous Nitrogenâ€Doped Sprayâ€Dried Graphene for High Performance Capacitive Deionization. <i>Advanced Energy and Sustainability Research</i> , 2022, 3, .	5.8	7
8	Trimetallic Sulfide Hollow Superstructures with Engineered dâ€Band Center for Oxygen Reduction to Hydrogen Peroxide in Alkaline Solution. <i>Advanced Science</i> , 2022, 9, e2104768.	11.2	26
9	Cationic and Anionic Antimicrobial Agents Co-Templated Mesoporous Silica Nanocomposites with a Spiky Nanotopology and Enhanced Biofilm Inhibition Performance. <i>Nano-Micro Letters</i> , 2022, 14, 83.	27.0	8
10	Vertical Orientation Probability Matters for Enhancing Nanoparticleâ€Macrophage Interaction and Efficient Phagocytosis. <i>Small Methods</i> , 2022, 6, e2101601.	8.6	4
11	In-situ synthesis of Drug-Containing bactericidal rough silica nanoparticles for antibacterial coating. <i>Chemical Engineering Journal</i> , 2022, 440, 135837.	12.7	7
12	Semiconducting MOF@ZnS Heterostructures for Photocatalytic Hydrogen Peroxide Production: Heterojunction Coverage Matters. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	59
13	A Sub-6 nm MnFe <sub>2</sub> O <sub>4</sub> -dichloroacetic acid nanocomposite modulates tumor metabolism and catabolism for reversing tumor immunosuppressive microenvironment and boosting immunotherapy. <i>Biomaterials</i> , 2022, 284, 121533.	11.4	19
14	Co-Delivery of Nano-Silver and Vancomycin via Silica Nanopollens for Enhanced Antibacterial Functions. <i>Antibiotics</i> , 2022, 11, 685.	3.7	6
15	Nanostructured Organosilica Nitric Oxide Donors Intrinsically Regulate Macrophage Polarization with Antitumor Effect. <i>ACS Nano</i> , 2022, 16, 10943-10957.	14.6	33
16	Recent Advances in Silica-Nanomaterial-Assisted Lateral Flow Assay. <i>Bioengineering</i> , 2022, 9, 266.	3.5	2
17	Silicaâ€Based Nanoparticles for Enzyme Immobilization and Delivery. <i>Chemistry - an Asian Journal</i> , 2022, 17, .	3.3	7
18	Nanotechnology enabled reactive species regulation in biosystems for boosting cancer immunotherapy. <i>Nano Today</i> , 2021, 36, 101035.	11.9	28

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19	Large scale synthesis of self-assembled shuttlecock-shaped silica nanoparticles with minimized drag as advanced catalytic nanomotors. <i>Chemical Engineering Journal</i> , 2021, 417, 127971.	12.7	9
20	Confined growth of ZIF-8 in dendritic mesoporous organosilica nanoparticles as bioregulators for enhanced mRNA delivery <i>in vivo</i> . <i>National Science Review</i> , 2021, 8, nwaa268.	9.5	21
21	Synthesis of dendritic mesoporous organosilica nanoparticles under a mild acidic condition with homogeneous wall structure and near-neutral surface. <i>Chemical Communications</i> , 2021, 57, 4416-4419.	4.1	4
22	Manganese-Doped Silica-Based Nanoparticles Promote the Efficacy of Antigen-Specific Immunotherapy. <i>Journal of Immunology</i> , 2021, 206, 987-998.	0.8	16
23	Synergistic Effect of Two Nanotechnologies Enhances the Protective Capacity of the <i>Theileria parva</i> Sporozoite p67C Antigen in Cattle. <i>Journal of Immunology</i> , 2021, 206, 686-699.	0.8	10
24	Rambutan-like silica nanoparticles at tailored particle sizes for plasmid DNA delivery. <i>Journal of Materials Science</i> , 2021, 56, 5830-5844.	3.7	12
25	Benzene-Bridged Organosilica Modified Mesoporous Silica Nanoparticles via an Acid-Catalysis Approach. <i>Langmuir</i> , 2021, 37, 2780-2786.	3.5	6
26	Thermal Reductive Perforation of Graphene Cathode for High-Performance Aluminum-Ion Batteries. <i>Advanced Functional Materials</i> , 2021, 31, 2010569.	14.9	41
27	The Role of Dendritic Mesoporous Silica Nanoparticles's Size for Quantum Dots Enrichment and Lateral Flow Immunoassay Performance. <i>Small Methods</i> , 2021, 5, e2000924.	8.6	30
28	Large-scale synthesis of fractal silica nanoparticles: understanding the impact of solvents. <i>Microporous and Mesoporous Materials</i> , 2021, 316, 110976.	4.4	3
29	MOF-on-MOF hybrids: Synthesis and applications. <i>Coordination Chemistry Reviews</i> , 2021, 432, 213743.	18.8	231
30	High Yield Electrosynthesis of Hydrogen Peroxide from Water Using Electrospun $\text{CaSnO}_3$ @Carbon Fiber Membrane Catalysts with Abundant Oxygen Vacancy. <i>Advanced Functional Materials</i> , 2021, 31, 2100099.	14.9	52
31	A novel approach to designing air filters: Ubiquitous material-based Janus air filter modules with hydrophilic and hydrophobic parts. <i>Chemical Engineering Journal</i> , 2021, 410, 128302.	12.7	19
32	Designer Anticancer Nanoprodugs with Self-Toxicification Activity Realized by Acid-Triggered Biodegradation and <i>In Situ</i> Fragment Complexation. <i>Angewandte Chemie</i> , 2021, 133, 11605-11614.	2.0	3
33	Designer Anticancer Nanoprodugs with Self-Toxicification Activity Realized by Acid-Triggered Biodegradation and <i>In Situ</i> Fragment Complexation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11504-11513.	13.8	8
34	Nanochemistry Modulates Intracellular Decomposition Routes of S-Nitrosothiol Modified Silica-Based Nanoparticles. <i>Small</i> , 2021, 17, e2007671.	10.0	6
35	Mesoporous resin nanobowls with optimized donor-acceptor conjugation for highly efficient photocatalytic hydrogen peroxide production. <i>Nano Research</i> , 2021, 14, 3267-3273.	10.4	35
36	Rational Design of Dendritic Mesoporous Silica Nanoparticles's Surface Chemistry for Quantum Dot Enrichment and an Ultrasensitive Lateral Flow Immunoassay. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 21507-21515.	8.0	34

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37	Superstructured Macroporous Carbon Rods Composed of Defective Graphitic Nanosheets for Efficient Oxygen Reduction Reaction. <i>Advanced Science</i> , 2021, 8, e2100120.	11.2	31
38	Ferroptosis-Strengthened Metabolic and Inflammatory Regulation of Tumor-Associated Macrophages Provokes Potent Tumoricidal Activities. <i>Nano Letters</i> , 2021, 21, 6471-6479.	9.1	65
39	Biomimetic inorganic-organic hybrid nanoparticles from magnesium-substituted amorphous calcium phosphate clusters and polyacrylic acid molecules. <i>Bioactive Materials</i> , 2021, 6, 2303-2314.	15.6	14
40	Metal-Organic Frameworks Derived Titanium Oxides via Soft Interface Adaptive Transformation. <i>Advanced Functional Materials</i> , 2021, 31, 2107260.	14.9	5
41	MnO <sub>2</sub> Nanoflowers Induce Immunogenic Cell Death under Nutrient Deprivation: Enabling an Orchestrated Cancer Starvation Immunotherapy. <i>Advanced Science</i> , 2021, 8, 2002667.	11.2	34
42	Clinical translation of silica nanoparticles. <i>Nature Reviews Materials</i> , 2021, 6, 1072-1074.	48.7	137
43	Submicron-Sized Vermiculite Assisted Oregano Oil for Controlled Release and Long-Term Bacterial Inhibition. <i>Antibiotics</i> , 2021, 10, 1324.	3.7	1
44	Asymmetric Silica Nanoparticles with Tailored Spiky Coverage Derived from Silica-Polymer Cooperative Assembly for Enhanced Hemocompatibility and Gene Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 50695-50704.	8.0	14
45	A General Approach to Direct Growth of Oriented Metal-Organic Framework Nanosheets on Reduced Graphene Oxides. <i>Advanced Science</i> , 2020, 7, 1901480.	11.2	25
46	Functional Nanoparticles with a Reducible Tetrasulfide Motif to Upregulate mRNA Translation and Enhance Transfection in Hard-to-Transfect Cells. <i>Angewandte Chemie</i> , 2020, 132, 2717-2721.	2.0	13
47	Fractal-in-a-Sphere: Confined Self-Assembly of Fractal Silica Nanoparticles. <i>Chemistry of Materials</i> , 2020, 32, 341-347.	6.7	38
48	Functional Nanoparticles with a Reducible Tetrasulfide Motif to Upregulate mRNA Translation and Enhance Transfection in Hard-to-Transfect Cells. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2695-2699.	13.8	49
49	Amorphous Metal-Organic Framework-Dominated Nanocomposites with Both Compositional and Structural Heterogeneity for Oxygen Evolution. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3630-3637.	13.8	143
50	Antibiotic-Free Antibacterial Strategies Enabled by Nanomaterials: Progress and Perspectives. <i>Advanced Materials</i> , 2020, 32, e1904106.	21.0	368
51	Amorphous Metal-Organic Framework-Dominated Nanocomposites with Both Compositional and Structural Heterogeneity for Oxygen Evolution. <i>Angewandte Chemie</i> , 2020, 132, 3659-3666.	2.0	21
52	DNA Vaccine Mediated by Rambutan-Like Mesoporous Silica Nanoparticles. <i>Advanced Therapeutics</i> , 2020, 3, 1900154.	3.2	17
53	Improving the utilization rate of foliar nitrogen fertilizers by surface roughness engineering of silica spheres. <i>Environmental Science: Nano</i> , 2020, 7, 3526-3535.	4.3	14
54	One-pot and surfactant-free synthesis of N-doped mesoporous carbon spheres for the sensitive and selective screening of small biomolecules. <i>Journal of Electroanalytical Chemistry</i> , 2020, 873, 114462.	3.8	3

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55	Coupling Effect of Au Nanoparticles with the Oxygen Vacancies of TiO <sub>2</sub> for Enhanced Charge Transfer. <i>Journal of Physical Chemistry C</i> , 2020, 124, 23823-23831.	3.1	25
56	Ternary MOF-on-MOF heterostructures with controllable architectural and compositional complexity via multiple selective assembly. <i>Nature Communications</i> , 2020, 11, 4971.	12.8	138
57	Silica-Based Nanoparticles for Biomedical Applications: From Nanocarriers to Biomodulators. <i>Accounts of Chemical Research</i> , 2020, 53, 1545-1556.	15.6	128
58	Ni/carbon aerogels derived from water induced self-assembly of Ni-MOF for adsorption and catalytic conversion of oily wastewater. <i>Chemical Engineering Journal</i> , 2020, 402, 126205.	12.7	51
59	Nitrogen-Doped Mesoporous Carbon Microspheres by Spray Drying-Vapor Deposition for High-Performance Supercapacitor. <i>Frontiers in Chemistry</i> , 2020, 8, 592904.	3.6	6
60	Eliciting Immunogenic Cell Death via a Unitized Nanoinducer. <i>Nano Letters</i> , 2020, 20, 6246-6254.	9.1	80
61	Openwork@Dendritic Mesoporous Silica Nanoparticles for Lactate Depletion and Tumor Microenvironment Regulation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 22054-22062.	13.8	76
62	The impact of ethanol and chlorobenzene in the structure regulation of dendritic mesoporous silica nanoparticles. <i>Microporous and Mesoporous Materials</i> , 2020, 307, 110504.	4.4	11
63	Openwork@Dendritic Mesoporous Silica Nanoparticles for Lactate Depletion and Tumor Microenvironment Regulation. <i>Angewandte Chemie</i> , 2020, 132, 22238-22246.	2.0	16
64	Dendritic Mesoporous Silica Nanoparticle Adjuvants Modified with Binuclear Aluminum Complex: Coordination Chemistry Dictates Adjuvanticity. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19610-19617.	13.8	22
65	Dendritic Mesoporous Silica Nanoparticle Adjuvants Modified with Binuclear Aluminum Complex: Coordination Chemistry Dictates Adjuvanticity. <i>Angewandte Chemie</i> , 2020, 132, 19778-19785.	2.0	3
66	Post translational modification-assisted cancer immunotherapy for effective breast cancer treatment. <i>Chemical Science</i> , 2020, 11, 10421-10430.	7.4	14
67	Materials Science in Australia. <i>Advanced Materials</i> , 2020, 32, e2001629.	21.0	4
68	Antibiotic-Free Strategies: Antibiotic-Free Antibacterial Strategies Enabled by Nanomaterials: Progress and Perspectives (Adv. Mater. 18/2020). <i>Advanced Materials</i> , 2020, 32, 2070138.	21.0	14
69	Shaping Nanoparticles for Interface Catalysis: Concave Hollow Spheres via Deflation-Inflation Asymmetric Growth. <i>Advanced Science</i> , 2020, 7, 2000393.	11.2	30
70	Emerging Concepts of Nanobiotechnology in mRNA Delivery. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23374-23385.	13.8	34
71	Pristine large pore benzene-bridged mesoporous organosilica nanoparticles as an adjuvant and co-delivery platform for eliciting potent antitumor immunity. <i>Materials Today Advances</i> , 2020, 6, 100069.	5.2	15
72	Nanobiopesticides: Silica nanoparticles with spiky surfaces enable dual adhesion and enhanced performance. <i>EcoMat</i> , 2020, 2, e12028.	11.9	16

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73	Synthesis of cube-rod-tube triblock asymmetric nanostructures for enhanced heterogeneous catalysis. <i>Chemical Communications</i> , 2020, 56, 7973-7976.	4.1	6
74	MOFs derived Co/Cu bimetallic nanoparticles embedded in graphitized carbon nanocubes as efficient Fenton catalysts. <i>Journal of Hazardous Materials</i> , 2020, 394, 122567.	12.4	97
75	An organic-based aqueous hybrid flow battery with high power and long cycle life: a tetrapyrrophenazine/ferrocyanide system. <i>Journal of Materials Chemistry A</i> , 2020, 8, 6874-6881.	10.3	12
76	Site-specific growth of MOF-on-MOF heterostructures with controllable nano-architectures: beyond the combination of MOF analogues. <i>Chemical Science</i> , 2020, 11, 3680-3686.	7.4	89
77	Moderne Konzepte der Nanobiotechnologie für mRNA-Abgabesysteme. <i>Angewandte Chemie</i> , 2020, 132, 23578-23590.	2.0	4
78	Engine-Trailer-Structured Nanotrucks for Efficient Nano-Bio Interactions and Bioimaging-Guided Drug Delivery. <i>CheM</i> , 2020, 6, 1097-1112.	11.7	55
79	Amorphous Metal-Organic Framework-Dominated Nanocomposites with Both Compositional and Structural Heterogeneity for Oxygen Evolution (Angew. Chem. 9/2020). <i>Angewandte Chemie</i> , 2020, 132, 3776-3776.	2.0	0
80	Lyophilization enabled disentanglement of polyethylenimine on rambutan-like silica nanoparticles for enhanced plasmid DNA delivery. <i>Journal of Materials Chemistry B</i> , 2020, 8, 4593-4600.	5.8	5
81	Modulating the Void Space of Nitrogen-Doped Hollow Mesoporous Carbon Spheres for Lithium-Sulfur Batteries. <i>ChemNanoMat</i> , 2020, 6, 925-929.	2.8	7
82	3D-Nanosponge enabled segregation: a versatile approach for highly dispersed and high content functionalization of metal oxide species. <i>Materials Chemistry Frontiers</i> , 2020, 4, 1739-1746.	5.9	3
83	Characterization of the Biodistribution of a Silica Vesicle Nanovaccine Carrying a Rhipicephalus (Boophilus) microplus Protective Antigen With in vivo Live Animal Imaging. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 606652.	4.1	6
84	Ultralarge interlayer distance and C,N-codoping enable superior sodium storage capabilities of MoS <sub>2</sub> nanooxions. <i>Chemical Engineering Journal</i> , 2019, 378, 122249.	12.7	39
85	Heterogeneous Contraction-Mediated Asymmetric Carbon Colloids. , 2019, 1, 290-296.		20
86	Engineering mesoporous silica microspheres as hyper-activation supports for continuous enzymatic biodiesel production. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1816-1822.	5.9	6
87	Nanotherapy: Nanotherapy in Joints: Increasing Endogenous Hyaluronan Production by Delivering Hyaluronan Synthase 2 (Adv. Mater. 46/2019). <i>Advanced Materials</i> , 2019, 31, 1970331.	21.0	4
88	Modulating Ion Diffusivity and Electrode Conductivity of Carbon Nanotube@Mesoporous Carbon Fibers for High Performance Aluminum-Selenium Batteries. <i>Small</i> , 2019, 15, e1904310.	10.0	33
89	Responsively Aggregatable Sub-6 nm Nanochelators Induce Simultaneous Antiangiogenesis and Vascular Obstruction for Enhanced Tumor Vasculature Targeted Therapy. <i>Nano Letters</i> , 2019, 19, 7750-7759.	9.1	29
90	Nanotherapy in Joints: Increasing Endogenous Hyaluronan Production by Delivering Hyaluronan Synthase 2. <i>Advanced Materials</i> , 2019, 31, e1904535.	21.0	51

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91	Hollow Nanostructures: Electron Tomography: A Unique Tool Solving Intricate Hollow Nanostructures (Adv. Mater. 38/2019). Advanced Materials, 2019, 31, 1970272.	21.0	1
92	A three-dimensional porous Co@C/carbon foam hybrid monolith for exceptional oil/water separation. Nanoscale, 2019, 11, 12161-12168.	5.6	33
93	Mesoporous Silica Nanoparticles for Protein Protection and Delivery. Frontiers in Chemistry, 2019, 7, 290.	3.6	159
94	Fast Capture of Fluoride by Anion-Exchange Zirconium/Graphene Hybrid Adsorbent. Langmuir, 2019, 35, 6861-6869.	3.5	24
95	Highly Thiolated Dendritic Mesoporous Silica Nanoparticles with High-Content Gold as Nanozymes: The Nano-Gold Size Matters. ACS Applied Materials & Interfaces, 2019, 11, 13264-13272.	8.0	36
96	Synthesis of biphenyl bridged dendritic mesoporous organosilica with extremely high adsorption of pyrene. Journal of Materials Chemistry A, 2019, 7, 12029-12037.	10.3	25
97	Mechanism of Iron Oxide-Induced Macrophage Activation: The Impact of Composition and the Underlying Signaling Pathway. Journal of the American Chemical Society, 2019, 141, 6122-6126.	13.7	126
98	Core/Shell Prussian Blue Analogs with Compositional Heterogeneity and Open Cages for Oxygen Evolution Reaction. Advanced Science, 2019, 6, 1801901.	11.2	86
99	Bottom-up self-assembly of heterotrimeric nanoparticles and their secondary Janus generations. Chemical Science, 2019, 10, 10388-10394.	7.4	26
100	Electron Tomography: A Unique Tool Solving Intricate Hollow Nanostructures. Advanced Materials, 2019, 31, e1801564.	21.0	43
101	Dendritic mesoporous carbon nanoparticles for ultrahigh and fast adsorption of anthracene. Chemosphere, 2019, 215, 716-724.	8.2	19
102	Mesoporous silica nanocarriers encapsulated antimalarials with high therapeutic performance. Scientific Reports, 2018, 8, 3078.	3.3	28
103	Designed synthesis of organosilica nanoparticles for enzymatic biodiesel production. Materials Chemistry Frontiers, 2018, 2, 1334-1342.	5.9	31
104	A Concentration-Dependent Insulin Immobilization Behavior of Alkyl-Modified Silica Vesicles: The Impact of Alkyl Chain Length. Langmuir, 2018, 34, 5011-5019.	3.5	6
105	Asymmetric mesoporous silica nanoparticles as potent and safe immunoadjuvants provoke high immune responses. Chemical Communications, 2018, 54, 2020-2023.	4.1	41
106	Årktitelbild: Oxidative Dissolution of Resoles: A Versatile Approach to Intricate Nanostructures (Angew. Chem. 3/2018). Angewandte Chemie, 2018, 130, 862-862.	2.0	0
107	Mesoporous carbon hollow spheres: carbonisation-temperature-dependent delivery of therapeutic proteins. Journal of Materials Chemistry B, 2018, 6, 763-768.	5.8	6
108	Oxidative Dissolution of Resoles: A Versatile Approach to Intricate Nanostructures. Angewandte Chemie, 2018, 130, 662-666.	2.0	1



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109	Hollow Mesoporous Carbon Nanocubes: Rigidâ€‘Interfaceâ€‘Induced Outward Contraction of Metalâ€‘Organic Frameworks. <i>Advanced Functional Materials</i> , 2018, 28, 1705253.	14.9	100
110	Oxidative Dissolution of Resoles: A Versatile Approach to Intricate Nanostructures. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 654-658.	13.8	16
111	Pristine mesoporous carbon hollow spheres as safe adjuvants induce excellent Th2-biased immune response. <i>Nano Research</i> , 2018, 11, 370-382.	10.4	14
112	Frontispiece: Nano-resoles-Enabled Elegant Nanostructured Materials. <i>Chemistry - A European Journal</i> , 2018, 24, .	3.3	0
113	Glutathione-depletion mesoporous organosilica nanoparticles as a self-adjuvant and Co-delivery platform for enhanced cancer immunotherapy. <i>Biomaterials</i> , 2018, 175, 82-92.	11.4	135
114	Rechargeable aluminumâ€‘selenium batteries with high capacity. <i>Chemical Science</i> , 2018, 9, 5178-5182.	7.4	87
115	Room temperature synthesis of dendritic mesoporous silica nanoparticles with small sizes and enhanced mRNA delivery performance. <i>Journal of Materials Chemistry B</i> , 2018, 6, 4089-4095.	5.8	52
116	Dendritic Mesoporous Silica Nanoparticles with Abundant Ti <sup>4+</sup> for Phosphopeptide Enrichment from Cancer Cells with 96% Specificity. <i>Analytical Chemistry</i> , 2018, 90, 7617-7625.	6.5	65
117	Stepwise Degradable Nanocarriers Enabled Cascade Delivery for Synergistic Cancer Therapy. <i>Advanced Functional Materials</i> , 2018, 28, 1800706.	14.9	96
118	Solvothermal-assisted evaporation-induced self-assembly of ordered mesoporous alumina with improved performance. <i>Journal of Colloid and Interface Science</i> , 2018, 529, 432-443.	9.4	10
119	Layered graphene/mesoporous carbon heterostructures with improved mesopore accessibility for high performance capacitive deionization. <i>Journal of Materials Chemistry A</i> , 2018, 6, 14272-14280.	10.3	77
120	Hybrid Nanoreactors: Enabling an Offâ€‘theâ€‘Shelf Strategy for Concurrently Enhanced Chemoâ€‘Immunotherapy. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11764-11769.	13.8	108
121	Hybrid Nanoreactors: Enabling an Offâ€‘theâ€‘Shelf Strategy for Concurrently Enhanced Chemoâ€‘Immunotherapy. <i>Angewandte Chemie</i> , 2018, 130, 11938-11943.	2.0	27
122	Superhydrophobic dendritic mesoporous organosilica nano-particles with ultrahigh-content of gradient organic moieties. <i>Journal of Materials Chemistry A</i> , 2018, 6, 17579-17586.	10.3	16
123	Kinetically Controlled Dendritic Mesoporous Silica Nanoparticles: From Dahlia- to Pomegranate-like Structures by Micelle Filling. <i>Chemistry of Materials</i> , 2018, 30, 5770-5776.	6.7	45
124	Nanoâ€‘resolesâ€‘Enabled Elegant Nanostructured Materials. <i>Chemistry - A European Journal</i> , 2018, 24, 14598-14607.	3.3	8
125	Tailored Yolkâ€‘Shell Sn@C Nanoboxes for Highâ€‘Performance Lithium Storage. <i>Advanced Functional Materials</i> , 2017, 27, 1606023.	14.9	173
126	Nanoengineering of Coreâ€‘Shell Magnetic Mesoporous Microspheres with Tunable Surface Roughness. <i>Journal of the American Chemical Society</i> , 2017, 139, 4954-4961.	13.7	135



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127	Dual-Functional Ultrafiltration Membrane for Simultaneous Removal of Multiple Pollutants with High Performance. <i>Environmental Science &amp; Technology</i> , 2017, 51, 5098-5107.	10.0	81
128	Core-shell structured Dendritic Mesoporous Silica Nanoparticles for Combined Photodynamic Therapy and Antibody Delivery. <i>Chemistry - an Asian Journal</i> , 2017, 12, 1465-1469.	3.3	23
129	Multi-shelled Dendritic Mesoporous Organosilica Hollow Spheres: Roles of Composition and Architecture in Cancer Immunotherapy. <i>Angewandte Chemie</i> , 2017, 129, 8566-8570.	2.0	16
130	Multi-shelled Dendritic Mesoporous Organosilica Hollow Spheres: Roles of Composition and Architecture in Cancer Immunotherapy. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8446-8450.	13.8	128
131	Asymmetric Silica Nanoparticles with Tunable Head-Tail Structures Enhance Hemocompatibility and Maturation of Immune Cells. <i>Journal of the American Chemical Society</i> , 2017, 139, 6321-6328.	13.7	105
132	Flower-like C@SnO <sub>2</sub> @C hollow nanostructures with enhanced electrochemical properties for lithium storage. <i>Nano Research</i> , 2017, 10, 2966-2976.	10.4	37
133	Understanding the Effect of Surface Chemistry of Mesoporous Silica Nanorods on Their Vaccine Adjuvant Potency. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700466.	7.6	36
134	Silica-based nanoparticles for therapeutic protein delivery. <i>Journal of Materials Chemistry B</i> , 2017, 5, 3241-3252.	5.8	65
135	A partially purified outer membrane protein VirB9-1 for low-cost nanovaccines against <i>Anaplasma marginale</i> . <i>Vaccine</i> , 2017, 35, 77-83.	3.8	3
136	Enzyme- and metal-free electrochemical sensor for highly sensitive superoxide anion detection based on nitrogen doped hollow mesoporous carbon spheres. <i>Electrochimica Acta</i> , 2017, 227, 69-76.	5.2	52
137	Single-Layered Mesoporous Carbon Sandwiched Graphene Nanosheets for High Performance Ionic Liquid Supercapacitors. <i>Journal of Physical Chemistry C</i> , 2017, 121, 23947-23954.	3.1	12
138	Glucose-Responsive Nanosystem Mimicking the Physiological Insulin Secretion via an Enzyme-Polymer Layer-by-Layer Coating Strategy. <i>Chemistry of Materials</i> , 2017, 29, 7725-7732.	6.7	46
139	Free-standing monolithic nanoporous graphene foam as a high performance aluminum-ion battery cathode. <i>Journal of Materials Chemistry A</i> , 2017, 5, 19416-19421.	10.3	68
140	Dendritic mesoporous silica-titania nanospheres with enhanced photocatalytic activities. <i>New Journal of Chemistry</i> , 2017, 41, 8754-8760.	2.8	15
141	Plasmid DNA Delivery: Nanotopography Matters. <i>Journal of the American Chemical Society</i> , 2017, 139, 18247-18254.	13.7	109
142	Mg(OH) <sub>2</sub> @MgO@reduced graphene oxide nanocomposites: the roles of composition and nanostructure in arsenite sorption. <i>Journal of Materials Chemistry A</i> , 2017, 5, 24484-24492.	10.3	26
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