

Dan Wang

List of Publications by Year in descending order

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346
papers

26,233
citations

5558

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all docs

356
docs citations

356
times ranked

26956
citing authors

#	ARTICLE	IF	CITATIONS
1	Smart heat isolator with hollow multishelled structures. <i>Green Energy and Environment</i> , 2023, 8, 1154-1160.	4.7	2
2	High-gravity-assisted engineering of Ni ₂ P/g-C ₃ N ₄ nanocomposites with enhanced photocatalytic performance. <i>Green Energy and Environment</i> , 2022, 7, 288-295.	4.7	7
3	Synergetic Enhancement of Mechanical Properties for Silk Fibers by a Green Feeding Approach with Nano-hydroxyapatite/collagen Composite Additive. <i>Journal of Natural Fibers</i> , 2022, 19, 5310-5320.	1.7	3
4	Controllable and high-throughput preparation of microdroplet using an ultra-high speed rotating packed bed. <i>Chinese Journal of Chemical Engineering</i> , 2022, 48, 116-124.	1.7	3
5	Different mechanisms of improving CH ₃ NH ₃ PbI ₃ perovskite solar cells brought by fluorinated or nitrogen doped graphdiyne. <i>Nano Research</i> , 2022, 15, 573-580.	5.8	15
6	Ru(bpy) ₃ ²⁺ -sensitized {001} facets LiCoO ₂ nanosheets catalyzed CO ₂ reduction reaction with 100% carbonaceous products. <i>Nano Research</i> , 2022, 15, 1061-1068.	5.8	24
7	Hollow structures as drug carriers: Recognition, response, and release. <i>Nano Research</i> , 2022, 15, 739-757.	5.8	28
8	A General Strategy for Efficiently Constructing Multifunctional Cluster Fillers Using a Three-Fluid Nozzle Spray Drying Technique for Dental Restoration. <i>Engineering</i> , 2022, 8, 138-147.	3.2	11
9	Highly Efficient Photothermal Conversion and Water Transport during Solar Evaporation Enabled by Amorphous Hollow Multishelled Nanocomposites. <i>Advanced Materials</i> , 2022, 34, e2107400.	11.1	68
10	Order-disorder transition in amorphous Vanadium-Phosphorus-Lithium cathode of lithium ion battery. <i>Applied Surface Science</i> , 2022, 573, 151490.	3.1	13
11	Rapid construction of hierarchically porous metal-organic frameworks by a spray-drying strategy for enhanced tannic acid adsorption. <i>AIChE Journal</i> , 2022, 68, e17522.	1.8	6
12	Fabrication of a High-Performance and Reusable Planar Face Mask in Response to the COVID-19 Pandemic. <i>Engineering</i> , 2022, 9, 101-110.	3.2	11
13	Masks for COVID-19. <i>Advanced Science</i> , 2022, 9, e2102189.	5.6	89
14	The development of hollow multishelled structure: from the innovation of synthetic method to the discovery of new characteristics. <i>Science China Chemistry</i> , 2022, 65, 7-19.	4.2	17
15	Triazine-graphdiyne with well-defined two kinds of active sites for simultaneous detection of Pb ²⁺ and Cd ²⁺ . <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107159.	3.3	12
16	Experimental and theoretical investigation of the tuning of electronic structure in SnO ₂ via Co doping for enhanced styrene epoxidation catalysis. <i>Catalysis Science and Technology</i> , 2022, 12, 1499-1511.	2.1	13
17	Green Synthesis of Deep Ultraviolet Response Nanophosphors with Tunable Full-Visible-Spectra Emission for Luminescent Temperature Sensing. <i>Current Applied Materials</i> , 2022, 01, .	0.4	1
18	Eliminating Hysteresis of Perovskite Solar Cells with Hollow TiO ₂ Mesoporous Electron Transport Layer. <i>Chemical Research in Chinese Universities</i> , 2022, 38, 117-122.	1.3	10

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19	Multishelled CuO/Cu ₂ O induced fast photo-vapour generation for drinking water. Nano Research, 2022, 15, 4117-4123.	5.8	13
20	Progress and Perspectives of Hollow Multishelled Structures. Chinese Journal of Chemistry, 2022, 40, 1190-1203.	2.6	17
21	Highly Efficient Photothermal Conversion and Water Transport during Solar Evaporation Enabled by Amorphous Hollow Multishelled Nanocomposites (Adv. Mater. 7/2022). Advanced Materials, 2022, 34, .	11.1	1
22	High-Gravity-Assisted Intensified Preparation of Er-Doped and Yb/Er-Codoped CaF ₂ Upconversion Nanophosphors for Noncontact Temperature Measurement. Industrial & Engineering Chemistry Research, 2022, 61, 2986-2996.	1.8	5
23	Computational and experimental study of dental resin composites with high filler content. Journal of Materials Science, 2022, 57, 5788-5804.	1.7	3
24	Green Synthesis of Nitrogen-Doped Carbon Dots from Fresh Tea Leaves for Selective Fe ³⁺ Ions Detection and Cellular Imaging. Nanomaterials, 2022, 12, 986.	1.9	21
25	Hollow Multishell-Structured TiO ₂ /MAPbI ₃ Composite Improves Charge Utilization for Visible-Light Photocatalytic Hydrogen Evolution. Inorganic Chemistry, 2022, 61, 5397-5404.	1.9	11
26	Accurately Localizing Multiple Nanoparticles in a Multishelled Matrix Through Shell-Core Evolution for Maximizing Energy Storage Capability. Advanced Materials, 2022, 34, e2200206.	11.1	32
27	Glass anode crystallization for high specific capacity Lithium-ion batteries. Chemical Engineering Journal, 2022, 442, 136228.	6.6	9
28	Synthesis of curcumin-loaded shellac nanoparticles via co-precipitation in a rotating packed bed for food engineering. Journal of Applied Polymer Science, 2022, 139, .	1.3	5
29	Spray-drying-assisted fabrication of CaF ₂ /SiO ₂ nanoclusters for dental restorative composites. Dental Materials, 2022, 38, 835-847.	1.6	9
30	Highly transparent liquid marble in liquid (HT-LMIL) as 3D miniaturized reactor for real-time bio-/chemical assays. Chemical Engineering Journal, 2022, 443, 136417.	6.6	6
31	Decoding lithium batteries through advanced in situ characterization techniques. International Journal of Minerals, Metallurgy and Materials, 2022, 29, 965-989.	2.4	11
32	A Light-Powered Triboelectric Nanogenerator Based on the Photothermal Marangoni Effect. ACS Applied Materials & Interfaces, 2022, 14, 22206-22215.	4.0	8
33	Synthesis of poly(9,9-dioctylfluorene) in a rotating packed bed with enhanced performance for polymer light-emitting diodes. Polymer Chemistry, 2022, 13, 3506-3512.	1.9	10
34	Significantly enhancing electro-actuation performance of dielectric elastomer with ZrO ₂ nanoparticles. Composites Science and Technology, 2022, 227, 109543.	3.8	2
35	Graphdiyne Oxide Quantum Dots: The Enhancement of Peroxidase-like Activity and Their Applications in Sensing H ₂ O ₂ and Cysteine. ACS Applied Bio Materials, 2022, 5, 3418-3427.	2.3	8
36	Process intensification for Fe/Mn-nitrogen-doped carbon-based catalysts toward efficient oxygen reduction reaction of Zn-air battery. Chemical Engineering Science, 2022, 259, 117811.	1.9	8

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37	Humidity-Independent, Highly Sensitive and Selective NO ₂ Sensor Based on In ₂ O ₃ Nanoflowers Decorated With Graphite Nanoflakes. IEEE Sensors Journal, 2022, 22, 14753-14761.	2.4	5
38	Inflammation accelerates BCR-ABL1+ B-ALL development through upregulation of AID. Blood Advances, 2022, 6, 4060-4072.	2.5	3
39	Galvanic replacement reaction for in situ fabrication of litchi-shaped heterogeneous liquid metal-Au nano-composite for radio-photothermal cancer therapy. Bioactive Materials, 2021, 6, 602-612.	8.6	43
40	Highly Selective Two-Electron Electrocatalytic CO ₂ Reduction on Single-Atom Cu Catalysts. Small Structures, 2021, 2, 2000058.	6.9	93
41	Small Structures Bring Big Things: Performance Control of Hollow Multishelled Structures. Small Structures, 2021, 2, 2000041.	6.9	42
42	circSETD3 regulates MAPRE1 through miR-615-5p and miR-1538 sponges to promote migration and invasion in nasopharyngeal carcinoma. Oncogene, 2021, 40, 307-321.	2.6	51
43	Core-shell nano/microstructures for heterogeneous tandem catalysis. Materials Chemistry Frontiers, 2021, 5, 1126-1139.	3.2	50
44	Scalable and controllable fabrication of CNTs improved yolk-shelled Si anodes with advanced in operando mechanical quantification. Energy and Environmental Science, 2021, 14, 3502-3509.	15.6	45
45	Efficient nitrogen reduction to ammonia by fluorine vacancies with a multi-step promoting effect. Journal of Materials Chemistry A, 2021, 9, 894-899.	5.2	18
46	Introduction to hollow structures for energy applications. Materials Chemistry Frontiers, 2021, 5, 2034-2034.	3.2	2
47	Carbon dots: synthesis, properties and biomedical applications. Journal of Materials Chemistry B, 2021, 9, 6553-6575.	2.9	106
48	Investigation on Designing Meltblown Fibers for the Filtering Layer of a Mask by Cross-Scale Simulations. Industrial & Engineering Chemistry Research, 2021, 60, 1962-1971.	1.8	8
49	Innentitelbild: Delicate Control on the Shell Structure of Hollow Spheres Enables Tunable Mass Transport in Water Splitting (Angew. Chem. 13/2021). Angewandte Chemie, 2021, 133, 6906-6906.	1.6	0
50	Surface Engineering of Titanium Dioxide Nanoparticles for Silicone-Based Transparent Hybrid Films with Ultrahigh Refractive Indexes. Langmuir, 2021, 37, 2707-2713.	1.6	9
51	Delicate Control on the Shell Structure of Hollow Spheres Enables Tunable Mass Transport in Water Splitting. Angewandte Chemie, 2021, 133, 7002-7007.	1.6	8
52	Delicate Control on the Shell Structure of Hollow Spheres Enables Tunable Mass Transport in Water Splitting. Angewandte Chemie - International Edition, 2021, 60, 6926-6931.	7.2	65
53	Single-cell RNA sequencing in cancer research. Journal of Experimental and Clinical Cancer Research, 2021, 40, 81.	3.5	128
54	Rapid ex vivo assessment of cancer prognosis by fluorescence imaging of nucleolus using nitrogen doped carbon dots. Analytica Chimica Acta, 2021, 1154, 338309.	2.6	11

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55	Solubility and Solubility Modeling of 1,3,5-Tris(1-phenyl-1 <i>H</i> -benzimidazol-2-yl)benzene toward Nanodispersions in Organic Solvents. <i>Journal of Chemical & Engineering Data</i> , 2021, 66, 2568-2575.	1.0	3
56	Long-Lived Liquid Marbles for Green Applications. <i>Advanced Functional Materials</i> , 2021, 31, 2011198.	7.8	26
57	Solar Water Splitting: Hollow Multishelled Structured SrTiO ₃ with La/Rh Co-Doping for Enhanced Photocatalytic Water Splitting under Visible Light (Small 22/2021). <i>Small</i> , 2021, 17, 2170111.	5.2	2
58	Temperature-Feedback Nanoplatfrom for NIR-Modal Imaging-Guided Synergistic Photothermal Therapy and CAR-NK Immunotherapy of Lung Cancer. <i>Small</i> , 2021, 17, e2101397.	5.2	38
59	High-gravity-driven process intensified approach toward Mn ²⁺ doped Zn ₂ GeO ₄ nanophosphors for deep-ultraviolet detecting. <i>Optik</i> , 2021, 235, 166644.	1.4	3
60	Boosting hydrogen evolution reaction on few-layer graphdiyne by sp-N and B co-doping. <i>APL Materials</i> , 2021, 9, .	2.2	23
61	CaF ₂ /SiO ₂ core-shell nanoparticles as novel fillers with reinforced mechanical properties and sustained fluoride ion release for dental resin composites. <i>Journal of Materials Science</i> , 2021, 56, 16648-16660.	1.7	6
62	A Highly Controlled Organic-Inorganic Encapsulation Nanocomposite with Versatile Features toward Wearable Device Applications. <i>Macromoleculuar Rapid Communications</i> , 2021, 42, e2100134.	2.0	1
63	Scalable synthesis of ytterbium and erbium codoped calcium molybdate phosphors as upconversion luminescent thermometer. <i>AIChE Journal</i> , 2021, 67, e17399.	1.8	10
64	Mechanical Robust Flexible Single-Component Organic Solar Cells. <i>Small Methods</i> , 2021, 5, e2100481.	4.6	33
65	Construction of Cu nanoparticles embedded nitrogen-doped carbon derived from biomass for highly boosting the nitrobenzene reduction: An experimental and theoretical understanding. <i>Chemical Engineering Journal</i> , 2021, 419, 129640.	6.6	25
66	Cost-Effective Strategy for the Synthesis of Air-Stable CH ₃ NH ₃ PbX ₃ (X = Cl, Br, and I) Quantum Dots with Bright Emission. <i>Langmuir</i> , 2021, 37, 11520-11525.	1.6	3
67	Citric acid-assisted ultrasmall CeO ₂ nanoparticles for efficient photocatalytic degradation of glyphosate. <i>Chemical Engineering Journal</i> , 2021, 425, 130640.	6.6	43
68	sp-Hybridized nitrogen doped graphdiyne for high-performance Zn-air batteries. <i>Materials Chemistry Frontiers</i> , 2021, 5, 7987-7992.	3.2	17
69	Prussian Blue Analogs and Their Derived Nanomaterials for Electrochemical Energy Storage and Electrocatalysis. <i>Small Methods</i> , 2021, 5, e2001000.	4.6	81
70	Hollow Multishelled Structured SrTiO ₃ with La/Rh Co-Doping for Enhanced Photocatalytic Water Splitting under Visible Light. <i>Small</i> , 2021, 17, e2005345.	5.2	38
71	Heteroatoms in graphdiyne for catalytic and energy-related applications. <i>Journal of Materials Chemistry A</i> , 2021, 9, 19298-19316.	5.2	26
72	Preparation of transparent BaSO ₄ nanodispersions by high-gravity reactive precipitation combined with surface modification for transparent X-ray shielding nanocomposite films. <i>Frontiers of Chemical Science and Engineering</i> , 2021, 15, 902-912.	2.3	6

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73	Fabrication and Application of Graphdiyne-based Heterogeneous Compositions: from the View of Interaction. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 1158-1175.	1.3	16
74	General Synthesis of Multiple@Multiple Shells Hollow Composites and Their Application to Lithium-ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25719-25722.	7.2	44
75	General Synthesis of Multiple@Multiple Shells Hollow Composites and Their Application to Lithium-ion Batteries. <i>Angewandte Chemie</i> , 2021, 133, 25923-25926.	1.6	3
76	High-gravity-assisted preparation of aqueous dispersions of monodisperse palladium nanocrystals as pseudohomogeneous catalyst for highly efficient nitrobenzene reduction. <i>Chemical Engineering Journal</i> , 2020, 382, 122883.	6.6	42
77	Lattice Distortion in Hollow Multi-shelled Structures for Efficient Visible-light CO ₂ /sub>2</sub> Reduction with a SnS ₂ /sub>2</sub>/SnO ₂ /sub>2</sub> Junction. <i>Angewandte Chemie</i> , 2020, 132, 731-734.	1.6	41
78	Lattice Distortion in Hollow Multi-shelled Structures for Efficient Visible-light CO ₂ /sub>2</sub> Reduction with a SnS ₂ /sub>2</sub>/SnO ₂ /sub>2</sub> Junction. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 721-724.	7.2	128
79	In situ visualization and real-time tracking of emulsion and miniemulsion polymerization at the microscale via fluorescence imaging. <i>Chemical Engineering Science</i> , 2020, 211, 115288.	1.9	8
80	V ₂ O ₅ Textile Cathodes with High Capacity and Stability for Flexible Lithium-ion Batteries. <i>Advanced Materials</i> , 2020, 32, e1906205.	11.1	107
81	Synthesis of Silver Sulfide Quantum Dots Via the Liquid-Liquid Interface Reaction in a Rotating Packed Bed Reactor. <i>Transactions of Tianjin University</i> , 2020, 26, 273-282.	3.3	10
82	Three-dimensional assemblies of carbon nitride tubes as nanoreactors for enhanced photocatalytic hydrogen production. <i>Journal of Materials Chemistry A</i> , 2020, 8, 305-312.	5.2	85
83	Controllable Synthesis of Hollow Multishell Structured Co ₃ O ₄ with Improved Rate Performance and Cyclic Stability for Supercapacitors. <i>Chemical Research in Chinese Universities</i> , 2020, 36, 68-73.	1.3	53
84	Multi-stimuli-responsive liquid marbles stabilized by superhydrophobic luminescent carbon dots for miniature reactors. <i>Chemical Engineering Journal</i> , 2020, 391, 123478.	6.6	19
85	Steering Hollow Multishelled Structures in Photocatalysis: Optimizing Surface and Mass Transport. <i>Advanced Materials</i> , 2020, 32, e2002556.	11.1	116
86	Manganese-Doped Layered Double Hydroxide: A Biodegradable Theranostic Nanoplatform with Tumor Microenvironment Response for Magnetic Resonance Imaging-Guided Photothermal Therapy. <i>ACS Applied Bio Materials</i> , 2020, 3, 5845-5855.	2.3	27
87	Unique structural advances of graphdiyne for energy applications. <i>EnergyChem</i> , 2020, 2, 100041.	10.1	48
88	Fast hyperspectral imager driven by a low-cost and compact galvo-mirror. <i>Optik</i> , 2020, 224, 165716.	1.4	9
89	Ionic liquid assisted multi-heteroatom doping in core-shell ZnFe ₂ O ₄ @rGO with highly reversible lithiation/delithiation kinetics. <i>Journal of Alloys and Compounds</i> , 2020, 848, 156593.	2.8	9
90	Super-strong and uniform fluorescent composite silk from trace AIE nanoparticle feeding. <i>Composites Communications</i> , 2020, 21, 100414.	3.3	13

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91	Sulfur-based redox chemistry for electrochemical energy storage. <i>Coordination Chemistry Reviews</i> , 2020, 422, 213445.	9.5	28
92	Liquid Marbles in Liquid. <i>Small</i> , 2020, 16, e2002802.	5.2	11
93	Graphene-encapsulated nickel-copper bimetallic nanoparticle catalysts for electrochemical reduction of CO ₂ to CO. <i>Chemical Communications</i> , 2020, 56, 11275-11278.	2.2	23
94	Photocatalysts: Steering Hollow Multishelled Structures in Photocatalysis: Optimizing Surface and Mass Transport (<i>Adv. Mater.</i> 44/2020). <i>Advanced Materials</i> , 2020, 32, 2070328.	11.1	4
95	EBV-associated BART12 accelerates migration and invasion in EBV-associated cancer cells by targeting tubulin polymerization-promoting protein 1. <i>FASEB Journal</i> , 2020, 34, 16205-16223.	0.2	19
96	Controllable Synthesis of Upconversion Nanophosphors toward Scale-Up Productions. <i>Particle and Particle Systems Characterization</i> , 2020, 37, 2000129.	1.2	14
97	Synthesis of Ultrasmall and Monodisperse Selenium-Doped Carbon Dots from Amino Acids for Free Radical Scavenging. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 16876-16883.	1.8	13
98	Preparation of Aqueous Nanodispersions of Disperse Dye by High-Gravity Technology and Spray Drying. <i>Chemical Engineering and Technology</i> , 2020, 43, 2118-2125.	0.9	1
99	Hollow Nanostructures. <i>ChemNanoMat</i> , 2020, 6, 1419-1420.	1.5	2
100	Sequential drug release via chemical diffusion and physical barriers enabled by hollow multishelled structures. <i>Nature Communications</i> , 2020, 11, 4450.	5.8	52
101	Inhibiting tumor oxygen metabolism and simultaneously generating oxygen by intelligent upconversion nanotherapeutics for enhanced photodynamic therapy. <i>Biomaterials</i> , 2020, 251, 120088.	5.7	58
102	Hollow Micro-/Nanostructure Reviving Lithium-sulfur Batteries. <i>Chemical Research in Chinese Universities</i> , 2020, 36, 313-319.	1.3	70
103	Nitrogen-Doped Graphene Foam as a Metal-Free Catalyst for Reduction Reactions under a High Gravity Field. <i>Engineering</i> , 2020, 6, 680-687.	3.2	29
104	Dual Defects Adjusted Crystal Field Splitting of LaCo ₃ Ni ₃ O ₃ Hollow Multishelled Structures for Efficient Oxygen Evolution. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19691-19695.	7.2	80
105	Nucleolus-Targeted Photodynamic Anticancer Therapy Using Renal-Clearable Carbon Dots. <i>Advanced Healthcare Materials</i> , 2020, 9, e2000607.	3.9	61
106	Cellulose derived nitrogen and phosphorus co-doped carbon-based catalysts for catalytic reduction of p-nitrophenol. <i>Journal of Colloid and Interface Science</i> , 2020, 571, 100-108.	5.0	46
107	High-gravity-assisted emulsification for continuous preparation of waterborne polyurethane nanodispersion with high solids content. <i>Frontiers of Chemical Science and Engineering</i> , 2020, 14, 1087-1099.	2.3	12
108	Dynamic Intelligent Cu Current Collectors for Ultrastable Lithium Metal Anodes. <i>Nano Letters</i> , 2020, 20, 3403-3410.	4.5	77

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109	Transition Metal (Fe, Co, Mn) Boosting the Lithium Storage of the Multishelled NiO Anode. <i>Energy Technology</i> , 2020, 8, 2000008.	1.8	7
110	Can Masks Be Reused After Hot Water Decontamination During the COVID-19 Pandemic?. <i>Engineering</i> , 2020, 6, 1115-1121.	3.2	71
111	Dual Defects Adjusted Crystal Field Splitting of $\text{LaCo}_{1-x}\text{Ni}_x\text{O}_{3-\delta}$ Hollow Multishelled Structures for Efficient Oxygen Evolution. <i>Angewandte Chemie</i> , 2020, 132, 19859-19863.	1.6	5
112	Hollow multishelled structures revive high energy density batteries. <i>Nanoscale Horizons</i> , 2020, 5, 1287-1292.	4.1	31
113	Co-N-C in porous carbon with enhanced lithium ion storage properties. <i>Chemical Engineering Journal</i> , 2020, 389, 124377.	6.6	34
114	Hollow multishell structures exercise temporal-spatial ordering and dynamic smart behaviour. <i>Nature Reviews Chemistry</i> , 2020, 4, 159-168.	13.8	147
115	A Hollow Multishelled Structure for Charge Transport and Active Sites in Lithium Ion Capacitors. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4865-4868.	7.2	87
116	High-Gravity-Assisted Synthesis of Surfactant-Free Transparent Dispersions of Monodispersed MgAl-LDH Nanoparticles. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 2960-2967.	1.8	20
117	The properties of dental resin composites reinforced with silica colloidal nanoparticle clusters: Effects of heat treatment and filler composition. <i>Composites Part B: Engineering</i> , 2020, 186, 107791.	5.9	34
118	A Hollow Multishelled Structure for Charge Transport and Active Sites in Lithium Ion Capacitors. <i>Angewandte Chemie</i> , 2020, 132, 4895-4898.	1.6	29
119	When hollow multishelled structures (HoMSs) meet metal-organic frameworks (MOFs). <i>Chemical Science</i> , 2020, 11, 5359-5368.	3.7	39
120	ZnO nanodispersion as pseudohomogeneous catalyst for alcoholysis of polyethylene terephthalate. <i>Chemical Engineering Science</i> , 2020, 220, 115642.	1.9	83
121	Efficient sequential harvesting of solar light by heterogeneous hollow shells with hierarchical pores. <i>National Science Review</i> , 2020, 7, 1638-1646.	4.6	57
122	Enhanced Charge Separation and Transfer of Fe_2O_3 @Nitrogen-Rich Carbon Nitride Tubes for Photocatalytic Water Splitting. <i>Energy Technology</i> , 2020, 8, 2000108.	1.8	9
123	Controllable synthesis and evolution mechanism of monodispersed Sub-10 nm ZrO_2 nanocrystals. <i>Chemical Engineering Journal</i> , 2020, 394, 124843.	6.6	8
124	High-gravity-assisted green synthesis of rare-earth doped calcium molybdate colloidal nanophosphors. <i>Chinese Journal of Chemical Engineering</i> , 2020, 28, 1744-1751.	1.7	21
125	Hollow Nanostructures for Surface/Interface Chemical Energy Storage Application. <i>Acta Chimica Sinica</i> , 2020, 78, 1200.	0.5	18
126	Constructing SrTiO_3 - TiO_2 Heterogeneous Hollow Multishelled Structures for Enhanced Solar Water Splitting. <i>Angewandte Chemie</i> , 2019, 131, 1436-1440.	1.6	42

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127	Surfactant-Free Aqueous Dispersions of Shape- and Size-Controlled Zirconia Colloidal Nanocrystal Clusters with Enhanced Photocatalytic Activity. <i>Langmuir</i> , 2019, 35, 11755-11763.	1.6	9
128	Hollow multi-shell structured SnO ₂ with enhanced performance for ultraviolet photodetectors. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 1968-1972.	3.0	23
129	Loading Graphene Quantum Dots into Optical-Magneto Nanoparticles for Real-Time Tracking In Vivo. <i>Materials</i> , 2019, 12, 2191.	1.3	8
130	Synergistic catalysis between atomically dispersed Fe and a pyrrolic-N-C framework for CO ₂ electroreduction. <i>Nanoscale Horizons</i> , 2019, 4, 1411-1415.	4.1	21
131	Sandwich-Like Ultrathin TiS ₂ Nanosheets Confined within N, S Codoped Porous Carbon as an Effective Polysulfide Promoter in Lithium-Sulfur Batteries. <i>Advanced Energy Materials</i> , 2019, 9, 1901872.	10.2	186
132	Sub-kilogram-scale synthesis of highly dispersible zirconia nanoparticles for hybrid optical resins. <i>Applied Surface Science</i> , 2019, 491, 505-516.	3.1	11
133	A Hollow-Shell Structured V ₂ O ₅ Electrode-Based Symmetric Full Li-ion Battery with Highest Capacity. <i>Advanced Energy Materials</i> , 2019, 9, 1900909.	10.2	51
134	Enhanced catalytic activity of Au-CeO ₂ /Al ₂ O ₃ monolith for low-temperature CO oxidation. <i>Catalysis Communications</i> , 2019, 129, 105729.	1.6	24
135	Hollow Nanostructures. <i>Advanced Materials</i> , 2019, 31, e1904886.	11.1	1
136	Metal (M = Ru, Pd and Co) embedded in C ₂ N with enhanced lithium storage properties. <i>Materials Today Energy</i> , 2019, 14, 100359.	2.5	13
137	Sequential Templating Approach: Sequential Templating Approach: A Groundbreaking Strategy to Create Hollow Multishelled Structures (<i>Adv. Mater.</i> 38/2019). <i>Advanced Materials</i> , 2019, 31, 1970274.	11.1	2
138	Tuning the Doping of Europium in Gadolinium Borate Microparticles at Mesoscale Toward Efficient Production of Red Phosphors. <i>ACS Omega</i> , 2019, 4, 14497-14502.	1.6	8
139	Efficient Construction of SiO ₂ Colloidal Nanoparticle Clusters as Novel Fillers by a Spray-Drying Process for Dental Composites. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 18178-18186.	1.8	23
140	Solubility, Solubility Modeling, and Antisolvent Precipitation of 1,3-Bis(9-carbazolyl)benzene in Organic Solvents. <i>Journal of Chemical & Engineering Data</i> , 2019, 64, 4349-4356.	1.0	8
141	Super-strong and Intrinsically Fluorescent Silkworm Silk from Carbon Nanodots Feeding. <i>Nano-Micro Letters</i> , 2019, 11, 75.	14.4	28
142	Metal-free catalytic oxidation of benzylic alcohols for benzaldehyde. <i>Reaction Chemistry and Engineering</i> , 2019, 4, 507-515.	1.9	17
143	Regulating the color output and simultaneously enhancing the intensity of upconversion nanoparticles <i>via</i> a dye sensitization strategy. <i>Journal of Materials Chemistry C</i> , 2019, 7, 8607-8615.	2.7	23
144	Hollow Multishelled Structures for Promising Applications: Understanding the Structure-Performance Correlation. <i>Accounts of Chemical Research</i> , 2019, 52, 2169-2178.	7.6	160

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