Dan Wang

List of Publications by Year
in descending order

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211 papers	9,718 citations	34105 52 h-index	46799 89 g-index
213 all docs	213 docs citations	213 times ranked	11982 citing authors

#	Article	IF	Citations
1	High-gravity-assisted engineering of Ni2P/g-C3N4 nanocomposites with enhanced photocatalytic performance. Green Energy and Environment, 2022, 7, 288-295.	8.7	7
2	Controllable and high-throughput preparation of microdroplet using an ultra-high speed rotating packed bed. Chinese Journal of Chemical Engineering, 2022, 48, 116-124.	3.5	3
3	A General Strategy for Efficiently Constructing Multifunctional Cluster Fillers Using a Three-Fluid Nozzle Spray Drying Technique for Dental Restoration. Engineering, 2022, 8, 138-147.	6.7	11
4	Rapid construction of hierarchically porous metalâ€“organic frameworks by a sprayâ€drying strategy for enhanced tannic acid adsorption. AICHE Journal, 2022, 68, e17522.	3.6	6
5	Buckling optimization of non-uniform curved grid-stiffened composite structures (NCGCs) with a cutout using conservativeness-relaxed globally convergent method of moving asymptotes. Composite Structures, 2022, 280, 114842.	5.8	11
6	Fabrication of a High-Performance and Reusable Planar Face Mask in Response to the COVID-19 Pandemic. Engineering, 2022, 9, 101-110.	6.7	11
7	Efficient diffusion of superdense lithium via atomic channels for dendrite-free lithiumâ€“metal batteries. Energy and Environmental Science, 2022, 15, 196-205.	30.8	27
8	Masks for COVIDâ€19. Advanced Science, 2022, 9, e2102189.	11.2	89
9	Upregulation of C/EBP Homologous Protein induced by ER Stress Mediates Epithelial to Myofibroblast Transformation in ADTKD-UMOD. International Journal of Medical Sciences, 2022, 19, 364-376.	2.5	4
10	Activation of Nrf2 in Mice Causes Early Microvascular Cyclooxygenase-Dependent Oxidative Stress and Enhanced Contractility. Antioxidants, 2022, 11, 845.	5.1	1
11	USP19 suppresses inflammation and promotes M2-like macrophage polarization by manipulating NLRP3 function via autophagy. Cellular and Molecular Immunology, 2021, 18, 2431-2442.	10.5	74
12	Small Structures Bring Big Things: Performance Control of Hollow Multishelled Structures. Small Structures, 2021, 2, 2000041.	12.0	42
13	Coreâ€“shell nano/microstructures for heterogeneous tandem catalysis. Materials Chemistry Frontiers, 2021, 5, 1126-1139.	5.9	50
14	Risk factors and outcomes of cardiovascular disease readmission within the first year after dialysis in peritoneal dialysis patients. Renal Failure, 2021, 43, 159-167.	2.1	3
15	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.	30.8	45
16	Investigation on Designing Meltblown Fibers for the Filtering Layer of a Mask by Cross-Scale Simulations. Industrial & Engineering Chemistry Research, 2021, 60, 1962-1971.	3.7	8
17	Prevalence, risk factors and impact on outcomes of 30-day unexpected rehospitalization in incident peritoneal dialysis patients. BMC Nephrology, 2021, 22, 4.	1.8	3
18	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.	2.0	0

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19	Surface Engineering of Titanium Dioxide Nanoparticles for Silicone-Based Transparent Hybrid Films with Ultrahigh Refractive Indexes. Langmuir, 2021, 37, 2707-2713.	3.5	9
20	Delicate Control on the Shell Structure of Hollow Spheres Enables Tunable Mass Transport in Water Splitting. Angewandte Chemie, 2021, 133, 7002-7007.	2.0	8
21	Delicate Control on the Shell Structure of Hollow Spheres Enables Tunable Mass Transport in Water Splitting. Angewandte Chemie - International Edition, 2021, 60, 6926-6931.	13.8	65
22	Rapid exÂvivo assessment of cancer prognosis by fluorescence imaging of nucleolus using nitrogen doped carbon dots. Analytica Chimica Acta, 2021, 1154, 338309.	5.4	11
23	Solubility and Solubility Modeling of 1,3,5-Tris(1-phenyl-1H-benzimidazol-2-yl)benzene toward Nanodispersions in Organic Solvents. Journal of Chemical & Engineering Data, 2021, 66, 2568-2575.	1.9	3
24	Longâ€Lived Liquid Marbles for Green Applications. Advanced Functional Materials, 2021, 31, 2011198.	14.9	26
25	High-gravity-driven process intensified approach toward Mn2+ doped Zn2GeO4 nanophosphors for deep-ultraviolet detecting. Optik, 2021, 235, 166644.	2.9	3
26	Boosting hydrogen evolution reaction on few-layer graphdiyne by sp-N and B co-doping. APL Materials, 2021, 9, .	5.1	23
27	CaF2/SiO2 coreâ€“shell nanoparticles as novel fillers with reinforced mechanical properties and sustained fluoride ion release for dental resin composites. Journal of Materials Science, 2021, 56, 16648-16660.	3.7	6
28	A Highly Controlled Organicâ€“Inorganic Encapsulation Nanocomposite with Versatile Features toward Wearable Device Applications. Macromolecular Rapid Communications, 2021, 42, e2100134.	3.9	1
29	Scalable synthesis of ytterbium and erbium codoped calcium molybdate phosphors as upconversion luminescent thermometer. AICHE Journal, 2021, 67, e17399.	3.6	10
30	Construction of Cu nanoparticles embedded nitrogenâ€“doped carbon derived from biomass for highly boosting the nitrobenzene reduction: An experimental and theoretical understanding. Chemical Engineering Journal, 2021, 419, 129640.	12.7	25
31	Cost-Effective Strategy for the Synthesis of Air-Stable CH₃NH₃PbX₃ (X = Cl, Br, and I) Quantum Dots with Bright Emission. Langmuir, 2021, 37, 11520-11525.	3.5	3
32	Citric acid-assisted ultrasmall CeO2 nanoparticles for efficient photocatalytic degradation of glyphosate. Chemical Engineering Journal, 2021, 425, 130640.	12.7	43
33	sp-Hybridized nitrogen doped graphdiyne for high-performance Znâ€“air batteries. Materials Chemistry Frontiers, 2021, 5, 7987-7992.	5.9	17
34	Hollow Multishelled Structured SrTiO₃ with La/Rh Coâ€Doping for Enhanced Photocatalytic Water Splitting under Visible Light. Small, 2021, 17, e2005345.	10.0	38
35	Heteroatoms in graphdiyne for catalytic and energy-related applications. Journal of Materials Chemistry A, 2021, 9, 19298-19316.	10.3	26
36	Improved hygrothermal durability of flax/polypropylene composites after chemical treatments through a hybrid approach. Cellulose, 2021, 28, 11209-11229.	4.9	5

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37	Preparation of transparent BaSO4 nanodispersions by high-gravity reactive precipitation combined with surface modification for transparent X-ray shielding nanocomposite films. Frontiers of Chemical Science and Engineering, 2021, 15, 902-912.	4.4	6
38	General Synthesis of Multipleâ€Cores@Multipleâ€Shells Hollow Composites and Their Application to Lithiumâ€Ion Batteries. Angewandte Chemie - International Edition, 2021, 60, 25719-25722.	13.8	44
39	General Synthesis of Multipleâ€Cores@Multipleâ€Shells Hollow Composites and Their Application to Lithiumâ€Ion Batteries. Angewandte Chemie, 2021, 133, 25923-25926.	2.0	3
40	High-gravity-assisted preparation of aqueous dispersions of monodisperse palladium nanocrystals as pseudohomogeneous catalyst for highly efficient nitrobenzene reduction. Chemical Engineering Journal, 2020, 382, 122883.	12.7	42
41	Composition-structure-function correlation of Ca/Zn/AlOx catalysts for the ketonization of acetic acid. Catalysis Today, 2020, 351, 58-67.	4.4	21
42	Lattice Distortion in Hollow Multiâ€Shelled Structures for Efficient Visibleâ€Light CO₂Reduction with a SnS₂/SnO₂Junction. Angewandte Chemie, 2020, 132, 731-734.	2.0	41
43	Lattice Distortion in Hollow Multiâ€Shelled Structures for Efficient Visibleâ€Light CO₂Reduction with a SnS₂/SnO₂Junction. Angewandte Chemie - International Edition, 2020, 59, 721-724.	13.8	128
44	In situ visualization and real-time tracking of emulsion and miniemulsion polymerization at the microscale via fluorescence imaging. Chemical Engineering Science, 2020, 211, 115288.	3.8	8
45	V₂O₅ Textile Cathodes with High Capacity and Stability for Flexible Lithiumâ€Ion Batteries. Advanced Materials, 2020, 32, e1906205.	21.0	107
46	Synthesis of Silver Sulfide Quantum Dots Via the Liquidâ€“Liquid Interface Reaction in a Rotating Packed Bed Reactor. Transactions of Tianjin University, 2020, 26, 273-282.	6.4	10
47	Multi-stimuli-responsive liquid marbles stabilized by superhydrophobic luminescent carbon dots for miniature reactors. Chemical Engineering Journal, 2020, 391, 123478.	12.7	19
48	Steering Hollow Multishelled Structures in Photocatalysis: Optimizing Surface and Mass Transport. Advanced Materials, 2020, 32, e2002556.	21.0	116
49	Fast hyperspectral imager driven by a low-cost and compact galvo-mirror. Optik, 2020, 224, 165716.	2.9	9
50	Super-strong and uniform fluorescent composite silk from trace AIE nanoparticle feeding. Composites Communications, 2020, 21, 100414.	6.3	13
51	Liquid Marbles in Liquid. Small, 2020, 16, e2002802.	10.0	11
52	Graphene-encapsulated nickelâ€“copper bimetallic nanoparticle catalysts for electrochemical reduction of CO₂to CO. Chemical Communications, 2020, 56, 11275-11278.	4.1	23
53	Controllable Synthesis of Upconversion Nanophosphors toward Scaleâ€Up Productions. Particle and Particle Systems Characterization, 2020, 37, 2000129.	2.3	14
54	Synthesis of Ultrasmall and Monodisperse Selenium-Doped Carbon Dots from Amino Acids for Free Radical Scavenging. Industrial & Engineering Chemistry Research, 2020, 59, 16876-16883.	3.7	13

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55	Preparation of Aqueous Nanodispersions of Disperse Dye by Highâ€Gravity Technology and Spray Drying. Chemical Engineering and Technology, 2020, 43, 2118-2125.	1.5	1
56	Hollow Nanostructures. ChemNanoMat, 2020, 6, 1419-1420.	2.8	2
57	Sequential drug release via chemical diffusion and physical barriers enabled by hollow multishelled structures. Nature Communications, 2020, 11, 4450.	12.8	52
58	Microfluidic controllable synthesis of monodispersed sulfur nanoparticles with enhanced antibacterial activities. Chemical Engineering Journal, 2020, 398, 125293.	12.7	26
59	Nitrogen-Doped Graphene Foam as a Metal-Free Catalyst for Reduction Reactions under a High Gravity Field. Engineering, 2020, 6, 680-687.	6.7	29
60	Nucleolusâ€Targeted Photodynamic Anticancer Therapy Using Renalâ€Clearable Carbon Dots. Advanced Healthcare Materials, 2020, 9, e2000607.	7.6	61
61	Cellulose derived nitrogen and phosphorus co-doped carbon-based catalysts for catalytic reduction of p-nitrophenol. Journal of Colloid and Interface Science, 2020, 571, 100-108.	9.4	46
62	High-gravity-assisted emulsification for continuous preparation of waterborne polyurethane nanodispersion with high solids content. Frontiers of Chemical Science and Engineering, 2020, 14, 1087-1099.	4.4	12
63	Omics technologies for kidney disease research. Anatomical Record, 2020, 303, 2729-2742.	1.4	6
64	Can Masks Be Reused After Hot Water Decontamination During the COVID-19 Pandemic?. Engineering, 2020, 6, 1115-1121.	6.7	71
65	Hollow multishelled structures revive high energy density batteries. Nanoscale Horizons, 2020, 5, 1287-1292.	8.0	31
66	ST6GAL1 polymorphisms influence susceptibility and progression of IgA nephropathy in a Chinese Han population. Immunobiology, 2020, 225, 151973.	1.9	5
67	Co-N-C in porous carbon with enhanced lithium ion storage properties. Chemical Engineering Journal, 2020, 389, 124377.	12.7	34
68	Hollow multishell structures exercise temporalâ€“spatial ordering and dynamic smart behaviour. Nature Reviews Chemistry, 2020, 4, 159-168.	30.2	147
69	A Hollow Multiâ€Shelled Structure for Charge Transport and Active Sites in Lithiumâ€Ion Capacitors. Angewandte Chemie - International Edition, 2020, 59, 4865-4868.	13.8	87
70	High-Gravity-Assisted Synthesis of Surfactant-Free Transparent Dispersions of Monodispersed MgAl-LDH Nanoparticles. Industrial & Engineering Chemistry Research, 2020, 59, 2960-2967.	3.7	20
71	The properties of dental resin composites reinforced with silica colloidal nanoparticle clusters: Effects of heat treatment and filler composition. Composites Part B: Engineering, 2020, 186, 107791.	12.0	34
72	A Hollow Multiâ€Shelled Structure for Charge Transport and Active Sites in Lithiumâ€Ion Capacitors. Angewandte Chemie, 2020, 132, 4895-4898.	2.0	29

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73	When hollow multishelled structures (HoMSs) meet metalâ€“organic frameworks (MOFs). Chemical Science, 2020, 11, 5359-5368.	7.4	39
74	ZnO nanodispersion as pseudohomogeneous catalyst for alcoholysis of polyethylene terephthalate. Chemical Engineering Science, 2020, 220, 115642.	3.8	83
75	Data-driven streamline stiffener path optimization (SSPO) for sparse stiffener layout design of non-uniform curved grid-stiffened composite (NCGC) structures. Computer Methods in Applied Mechanics and Engineering, 2020, 365, 113001.	6.6	38
76	Controllable synthesis and evolution mechanism of monodispersed Sub-10â€¯nm ZrO2 nanocrystals. Chemical Engineering Journal, 2020, 394, 124843.	12.7	8
77	High-gravity-assisted green synthesis of rare-earth doped calcium molybdate colloidal nanophosphors. Chinese Journal of Chemical Engineering, 2020, 28, 1744-1751.	3.5	21
78	Surfactant-Free Aqueous Dispersions of Shape- and Size-Controlled Zirconia Colloidal Nanocrystal Clusters with Enhanced Photocatalytic Activity. Langmuir, 2019, 35, 11755-11763.	3.5	9
79	Hollow multi-shell structured SnO₂with enhanced performance for ultraviolet photodetectors. Inorganic Chemistry Frontiers, 2019, 6, 1968-1972.	6.0	23
80	Synergistic catalysis between atomically dispersed Fe and a pyrrolic-N-C framework for CO₂ electroreduction. Nanoscale Horizons, 2019, 4, 1411-1415.	8.0	21
81	Sub-kilogram-scale synthesis of highly dispersible zirconia nanoparticles for hybrid optical resins. Applied Surface Science, 2019, 491, 505-516.	6.1	11
82	Endothelin-1-Induced Microvascular ROS and Contractility in Angiotensin-II-Infused Mice Depend on COX and TP Receptors. Antioxidants, 2019, 8, 193.	5.1	16
83	Metal (MÂ= Ru, Pd and Co) embedded in C2N with enhanced lithium storage properties. Materials Today Energy, 2019, 14, 100359.	4.7	13
84	Tuning the Doping of Europium in Gadolinium Borate Microparticles at Mesoscale Toward Efficient Production of Red Phosphors. ACS Omega, 2019, 4, 14497-14502.	3.5	8
85	Efficient Construction of SiO₂ Colloidal Nanoparticle Clusters as Novel Fillers by a Spray-Drying Process for Dental Composites. Industrial & Engineering Chemistry Research, 2019, 58, 18178-18186.	3.7	23
86	Solubility, Solubility Modeling, and Antisolvent Precipitation of 1,3-Bis(9-carbazolyl)benzene in Organic Solvents. Journal of Chemical & Engineering Data, 2019, 64, 4349-4356.	1.9	8
87	Super-strong and Intrinsically Fluorescent Silkworm Silk from Carbon Nanodots Feeding. Nano-Micro Letters, 2019, 11, 75.	27.0	28
88	Comparison of subjective and objective assessment of glucocorticoid response in nasal polyps: a preliminary study. Acta Oto-Laryngologica, 2019, 139, 57-63.	0.9	1
89	Metal-free catalytic oxidation of benzylic alcohols for benzaldehyde. Reaction Chemistry and Engineering, 2019, 4, 507-515.	3.7	17
90	Hollow Multiâ€Shelled Structural TiO_{2â”x} with Multiple Spatial Confinement for Longâ€Life Lithiumâ€“Sulfur Batteries. Angewandte Chemie - International Edition, 2019, 58, 9078-9082.	13.8	149

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91	Hollow Multiâ€Shelled Structural TiO_{2â”x} with Multiple Spatial Confinement for Longâ€Life Lithiumâ€“Sulfur Batteries. Angewandte Chemie, 2019, 131, 9176-9180.	2.0	45
92	High-gravity-hydrolysis approach to transparent nanozirconia/silicone encapsulation materials of light emitting diodes devices for healthy lighting. Nano Energy, 2019, 62, 1-10.	16.0	32
93	Subcritical water processing for nanopharmaceuticals. Chemical Engineering and Processing: Process Intensification, 2019, 140, 36-42.	3.6	17
94	A Rutile TiO 2 Electron Transport Layer for the Enhancement of Charge Collection for Efficient Perovskite Solar Cells. Angewandte Chemie, 2019, 131, 9514-9518.	2.0	10
95	A Rutile TiO₂ Electron Transport Layer for the Enhancement of Charge Collection for Efficient Perovskite Solar Cells. Angewandte Chemie - International Edition, 2019, 58, 9414-9418.	13.8	124
96	Hollow Multiâ€Shelled Structure with Metalâ€“Organicâ€Frameworkâ€Derived Coatings for Enhanced Lithium Storage. Angewandte Chemie - International Edition, 2019, 58, 5266-5271.	13.8	102
97	Efficient preparation of nanoscale zeroâ€valent iron by high gravity technology for enhanced Cr(VI) removal. Canadian Journal of Chemical Engineering, 2019, 97, 1451-1458.	1.7	3
98	Hollow Multiâ€Shelled Structure with Metalâ€“Organicâ€Frameworkâ€Derived Coatings for Enhanced Lithium Storage. Angewandte Chemie, 2019, 131, 5320-5325.	2.0	15
99	Zirconia quantum dots for a nonvolatile resistive random access memory device. Frontiers of Information Technology and Electronic Engineering, 2019, 20, 1698-1705.	2.6	7
100	Process Intensified Synthesis of Rare-Earth Doped Î²-NaYF₄ Nanorods toward Gram-Scale Production. Industrial & Engineering Chemistry Research, 2019, 58, 22306-22314.	3.7	12
101	Design and efficient fabrication of micro-sized clusters of hydroxyapatite nanorods for dental resin composites. Journal of Materials Science, 2019, 54, 3878-3892.	3.7	19
102	High-gravity-assisted scalable synthesis of zirconia nanodispersion for light emitting diodes encapsulation with enhanced light extraction efficiency. Chemical Engineering Science, 2019, 195, 1-10.	3.8	46
103	Graphdiyne: synthesis, properties, and applications. Chemical Society Reviews, 2019, 48, 908-936.	38.1	584
104	Hollow Multishelled Structure of Heterogeneous Co₃O₄â€“CeO_{2â”}_x Nanocomposite for CO Catalytic Oxidation. Advanced Functional Materials, 2019, 29, 1806588.	14.9	86
105	Hollow Multishelled Heterostructured Anatase/TiO₂(B) with Superior Rate Capability and Cycling Performance. Advanced Materials, 2019, 31, e1805754.	21.0	117
106	Preparation of fluorescent waterborne polyurethane nanodispersion by high-gravity miniemulsion polymerization for multifunctional applications. Chemical Engineering and Processing: Process Intensification, 2019, 136, 36-43.	3.6	22
107	Streamline stiffener path optimization (SSPO) for embedded stiffener layout design of non-uniform curved grid-stiffened composite (NCGC) structures. Computer Methods in Applied Mechanics and Engineering, 2019, 344, 1021-1050.	6.6	82
108	Controllable synthesis of transparent dispersions of monodisperse anatase-TiO2 nanoparticles and nanorods. Materials Chemistry and Physics, 2019, 224, 100-106.	4.0	16

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109	Constructing SrTiO₃â€“TiO₂ Heterogeneous Hollow Multiâ€shelled Structures for Enhanced Solar Water Splitting. Angewandte Chemie - International Edition, 2019, 58, 1422-1426.	13.8	212
110	Sequential Templating Approach: A Groundbreaking Strategy to Create Hollow Multishelled Structures. Advanced Materials, 2019, 31, e1802874.	21.0	153
111	Selective synthesis of triacetin from glycerol catalyzed by HZSM-5/MCM-41 micro/mesoporous molecular sieve. Chinese Journal of Chemical Engineering, 2019, 27, 1073-1078.	3.5	30
112	CFD modelling of gas flow characteristics for the gasâ€heating holder in environmental transmission electron microscope. Canadian Journal of Chemical Engineering, 2019, 97, 777-784.	1.7	4
113	ICGâ€sensitized NaYF₄:Er Nanostructure for Theranostics. Advanced Optical Materials, 2018, 6, 1701142.	7.3	56
114	Preparation of 3D graphene/iron oxides aerogels based on high-gravity intensified reactive precipitation and their applications for photo-Fenton reaction. Chemical Engineering and Processing: Process Intensification, 2018, 129, 77-83.	3.6	17
115	Recent progress in the green synthesis of rare-earth doped upconversion nanophosphors for optical bioimaging from cells to animals. Chinese Journal of Chemical Engineering, 2018, 26, 2206-2218.	3.5	26
116	Formation of multi-shelled nickel-based sulfide hollow spheres for rechargeable alkaline batteries. Inorganic Chemistry Frontiers, 2018, 5, 535-540.	6.0	66
117	Colloidal Synthesis of Semiconductor Quantum Dots toward Large-Scale Production: A Review. Industrial & Engineering Chemistry Research, 2018, 57, 1790-1802.	3.7	230
118	3D Macroporous Mo_xC@Nâ€C with Incorporated Mo Vacancies as Anodes for Highâ€performance Lithiumâ€ion Batteries. Small Methods, 2018, 2, 1800040.	8.6	36
119	Sensitivity analysis for optimization design of non-uniform curved grid-stiffened composite (NCGC) structures. Composite Structures, 2018, 193, 224-236.	5.8	36
120	The membrane transporter PotE is required for virulence in avian pathogenic Escherichia coli (APEC). Veterinary Microbiology, 2018, 216, 38-44.	1.9	10
121	3Dâ€foamâ€structured nitrogenâ€doped grapheneâ€Ni catalyst for highly efficient nitrobenzene reduction. AICHE Journal, 2018, 64, 1330-1338.	3.6	17
122	Unlocking the influence of family business exposure on entrepreneurial intentions. International Entrepreneurship and Management Journal, 2018, 14, 951-974.	5.0	57
123	Green synthesis of highly dispersed ytterbium and thulium co-doped sodium yttrium fluoride microphosphors for in situ light upconversion from near-infrared to blue in animals. Journal of Colloid and Interface Science, 2018, 511, 243-250.	9.4	18
124	NRF2 prevents hypertension, increased ADMA, microvascular oxidative stress, and dysfunction in mice with two weeks of ANG II infusion. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2018, 314, R399-R406.	1.8	27
125	Efficient preparation of monodisperse CaCO3 nanoparticles as overbased nanodetergents in a high-gravity rotating packed bed reactor. Powder Technology, 2018, 325, 405-411.	4.2	28
126	Sulfuric Acid Assisted Preparation of Red-Emitting Carbonized Polymer Dots and the Application of Bio-Imaging. Nanoscale Research Letters, 2018, 13, 272.	5.7	29

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127	Tuning Hydrocarbon Pool Intermediates by the Acidity of SAPO-34 Catalysts for Improving Methanol-to-Olefins Reaction. ACS Sustainable Chemistry and Engineering, 2018, 6, 16867-16875.	6.7	34
128	Green catalytic engineering: A powerful tool for sustainable development in chemical industry. Frontiers of Chemical Science and Engineering, 2018, 12, 835-837.	4.4	7
129	Elevated expression of IL-17RB and ST2 on myeloid dendritic cells is associated with a Th2-skewed eosinophilic inflammation in nasal polyps. Clinical and Translational Allergy, 2018, 8, 50.	3.2	6
130	Graphdiyne: Recent Achievements in Photoâ€•and Electrochemical Conversion. Advanced Science, 2018, 5, 1800959.	11.2	93
131	Subgram-Scale Synthesis of Biomass Waste-Derived Fluorescent Carbon Dots in Subcritical Water for Bioimaging, Sensing, and Solid-State Patterning. ACS Omega, 2018, 3, 13211-13218.	3.5	40
132	Controllable Preparation of Monodisperse Silica Nanoparticles Using Internal Circulation Rotating Packed Bed for Dental Restorative Composite Resin. Industrial & Engineering Chemistry Research, 2018, 57, 12809-12815.	3.7	20
133	Process intensification for scalable synthesis of ytterbium and erbium co-doped sodium yttrium fluoride upconversion nanodispersions. Powder Technology, 2018, 340, 208-216.	4.2	22
134	Synthesis of Transparent Aqueous ZrO₂ Nanodispersion with a Controllable Crystalline Phase without Modification for a High-Refractive-Index Nanocomposite Film. Langmuir, 2018, 34, 6806-6813.	3.5	50
135	Compressed energy transfer distance for remarkable enhancement of the luminescence of Nd3+-sensitized upconversion nanoparticles. Journal of Materials Chemistry C, 2018, 6, 6597-6604.	5.5	17
136	Synthesis of transparent dispersions of aluminium hydroxide nanoparticles. Nanotechnology, 2018, 29, 305605.	2.6	4
137	Polyhedral oligomeric silsesquioxane-coated nanodiamonds for multifunctional applications. Journal of Materials Science, 2018, 53, 15915-15926.	3.7	7
138	An in Vitro and in Vivo Study of the Effect of Dexamethasone on Immunoinhibitory Function of Induced Pluripotent Stem Cell-Derived Mesenchymal Stem Cells. Cell Transplantation, 2018, 27, 1340-1351.	2.5	10
139	Sinus computed tomography predicts clinical response to corticosteroids in chronic rhinosinusitis with nasal polyps. Clinical and Translational Allergy, 2018, 8, 24.	3.2	12
140	Short-wave infrared emitted/excited fluorescence from carbon dots and preliminary applications in bioimaging. Materials Chemistry Frontiers, 2018, 2, 1343-1350.	5.9	20
141	Recent advances on metal-free graphene-based catalysts for the production of industrial chemicals. Frontiers of Chemical Science and Engineering, 2018, 12, 855-866.	4.4	27
142	The T H 2-polarizing function of atopic interleukin 17 receptor Bâ€“positive dendritic cells up-regulated by lipopolysaccharide. Annals of Allergy, Asthma and Immunology, 2017, 118, 474-482.e1.	1.0	14
143	Silver/graphene nanocomposites as catalysts for the reduction of pâ€nitrophenol to pâ€aminophenol: Materials preparation and reaction kinetics studies. Canadian Journal of Chemical Engineering, 2017, 95, 1297-1304.	1.7	16
144	Solubility of Bicalutamide, Megestrol Acetate, Prednisolone, Beclomethasone Dipropionate, and Clarithromycin in Subcritical Water at Different Temperatures from 383.15 to 443.15 K. Journal of Chemical & Engineering Data, 2017, 62, 1139-1145.	1.9	10

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145	Efficient treatment of actual pharmaceutical wastewater by wet oxidation process in subcritical water apparatus. Canadian Journal of Chemical Engineering, 2017, 95, 2056-2062.	1.7	6
146	Highly fluorescent N, S-co-doped carbon dots and their potential applications as antioxidants and sensitive probes for Cr (VI) detection. Sensors and Actuators B: Chemical, 2017, 248, 92-100.	7.8	173
147	Effects of mesenchymal stem cells from human induced pluripotent stem cells on differentiation, maturation, and function of dendritic cells. Stem Cell Research and Therapy, 2017, 8, 48.	5.5	89
148	Facile synthesis of fluorescence carbon dots from sweet potato for Fe3+ sensing and cell imaging. Materials Science and Engineering C, 2017, 76, 856-864.	7.3	270
149	A green route to beclomethasone dipropionate nanoparticles via solvent anti-solvent precipitation by using subcritical water as the solvent. Powder Technology, 2017, 308, 200-205.	4.2	19
150	Sulfurized Graphene as Efficient Metal-Free Catalysts for Reduction of 4-Nitrophenol to 4-Aminophenol. Industrial & Engineering Chemistry Research, 2017, 56, 13610-13617.	3.7	100
151	Nanonization of ciprofloxacin using subcritical water-ethanol mixture as the solvent: Solubility and precipitation parameters. Powder Technology, 2017, 321, 197-203.	4.2	10
152	Transferrin-coated magnetic upconversion nanoparticles for efficient photodynamic therapy with near-infrared irradiation and luminescence bioimaging. Nanoscale, 2017, 9, 11214-11221.	5.6	47
153	Synthesis of flower-shaped V2O5:Fe3+ microarchitectures in a high-gravity rotating packed bed with enhanced electrochemical performance for lithium ion batteries. Chemical Engineering and Processing: Process Intensification, 2017, 120, 201-206.	3.6	16
154	Facile and Scalable Preparation of Fluorescent Carbon Dots for Multifunctional Applications. Engineering, 2017, 3, 402-408.	6.7	130
155	Facile Preparation of Î±-Calcium Sulfate Hemihydrate with Low Aspect Ratio Using High-Gravity Reactive Precipitation Combined with a Salt Solution Method at Atmospheric Pressure. Industrial & Engineering Chemistry Research, 2017, 56, 14053-14059.	3.7	14
156	Scalable Preparation of Gd₂O₃:Yb³⁺/Er³⁺ Upconversion Nanophosphors in a High-Gravity Rotating Packed Bed Reactor for Transparent Upconversion Luminescent Films. Industrial & Engineering Chemistry Research, 2017, 56, 7977-7983.	3.7	38
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