

Dan Wang

List of Publications by Year in descending order

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201
papers

6,664
citations

71102

41
h-index

79698

73
g-index

205
all docs

205
docs citations

205
times ranked

9041
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	8.7	7
2	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.	3.5	3
3	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.	6.7	11
4	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.	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. <i>Composite Structures</i> , 2022, 280, 114842.	5.8	11
6	Fabrication of a High-Performance and Reusable Planar Face Mask in Response to the COVID-19 Pandemic. <i>Engineering</i> , 2022, 9, 101-110.	6.7	11
7	Efficient diffusion of superdense lithium via atomic channels for dendrite-free lithium-metal batteries. <i>Energy and Environmental Science</i> , 2022, 15, 196-205.	30.8	27
8	Masks for COVID-19. <i>Advanced Science</i> , 2022, 9, e2102189.	11.2	89
9	Complex and reticulate origin of edible roses (<i>Rosa</i> , Rosaceae) in China. <i>Horticulture Research</i> , 2022, 9, .	6.3	15
10	Experimental Infection of Horses with Influenza D Virus. <i>Viruses</i> , 2022, 14, 661.	3.3	3
11	Identification of Potential RBPJ-Specific Inhibitors for Blocking Notch Signaling in Breast Cancer Using a Drug Repurposing Strategy. <i>Pharmaceuticals</i> , 2022, 15, 556.	3.8	5
12	Experimental Study of Frequency Control of LaSMP Laminated Beams. <i>Journal of Vibration and Acoustics, Transactions of the ASME</i> , 2022, 144, .	1.6	1
13	Investigation on Designing Meltblown Fibers for the Filtering Layer of a Mask by Cross-Scale Simulations. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 1962-1971.	3.7	8
14	The first decade of research advances in influenza D virus. <i>Journal of General Virology</i> , 2021, 102, .	2.9	22
15	Surface Engineering of Titanium Dioxide Nanoparticles for Silicone-Based Transparent Hybrid Films with Ultrahigh Refractive Indexes. <i>Langmuir</i> , 2021, 37, 2707-2713.	3.5	9
16	Surface Energy of Curved Surface Based on Lennard-Jones Potential. <i>Nanomaterials</i> , 2021, 11, 686.	4.1	10
17	Rapid ex vivo assessment of cancer prognosis by fluorescence imaging of nucleolus using nitrogen doped carbon dots. <i>Analytica Chimica Acta</i> , 2021, 1154, 338309.	5.4	11
18	Rose without prickle: genomic insights linked to moisture adaptation. <i>National Science Review</i> , 2021, 8, nwab092.	9.5	15

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19	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.	1.9	3
20	Long-Lived Liquid Marbles for Green Applications. <i>Advanced Functional Materials</i> , 2021, 31, 2011198.	14.9	26
21	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.	2.9	3
22	Isolation and development of bovine primary respiratory cells as model to study influenza D virus infection. <i>Virology</i> , 2021, 559, 89-99.	2.4	4
23	Identification of a Ruminant Origin Group B Rotavirus Associated with Diarrhea Outbreaks in Foals. <i>Viruses</i> , 2021, 13, 1330.	3.3	14
24	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.	3.7	6
25	Functional study of a role of N-terminal HA stem region of swine influenza A virus in virus replication. <i>Veterinary Microbiology</i> , 2021, 258, 109132.	1.9	0
26	A Highly Controlled Organic-Inorganic Encapsulation Nanocomposite with Versatile Features toward Wearable Device Applications. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2100134.	3.9	1
27	Scalable synthesis of ytterbium and erbium codoped calcium molybdate phosphors as upconversion luminescent thermometer. <i>AIChE Journal</i> , 2021, 67, e17399.	3.6	10
28	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.	12.7	25
29	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.	3.5	3
30	Citric acid-assisted ultrasmall CeO ₂ nanoparticles for efficient photocatalytic degradation of glyphosate. <i>Chemical Engineering Journal</i> , 2021, 425, 130640.	12.7	43
31	Improved hygrothermal durability of flax/polypropylene composites after chemical treatments through a hybrid approach. <i>Cellulose</i> , 2021, 28, 11209-11229.	4.9	5
32	Fabrication of Bi nanospheres assembled microspheres with petal structure B, N-co-doped C nanosheets hybrid sodium-ion capacitors with ultrahigh power density, high energy density and long cycle life. <i>Journal of Power Sources</i> , 2021, 515, 230638.	7.8	5
33	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.	4.4	6
34	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.	12.7	42
35	Composition-structure-function correlation of Ca/Zn/AlO _x catalysts for the ketonization of acetic acid. <i>Catalysis Today</i> , 2020, 351, 58-67.	4.4	21
36	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.	3.8	8

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37	Synthesis of Silver Sulfide Quantum Dots Via the Liquid-Liquid Interface Reaction in a Rotating Packed Bed Reactor. Transactions of Tianjin University, 2020, 26, 273-282.	6.4	10
38	Multi-stimuli-responsive liquid marbles stabilized by superhydrophobic luminescent carbon dots for miniature reactors. Chemical Engineering Journal, 2020, 391, 123478.	12.7	19
39	Influenza D virus. Current Opinion in Virology, 2020, 44, 154-161.	5.4	29
40	The van der Waals potential between arbitrary micro/nano curved surfaces in curvature-based form. Chemical Physics Letters, 2020, 759, 137907.	2.6	5
41	Characterisation of Î-Conotoxin TxVIA as a Mammalian T-Type Calcium Channel Modulator. Marine Drugs, 2020, 18, 343.	4.6	2
42	Fast hyperspectral imager driven by a low-cost and compact galvo-mirror. Optik, 2020, 224, 165716.	2.9	9
43	Strong enhancement of coherent terahertz radiation by target ablation using picosecond laser pulses. Physics of Plasmas, 2020, 27, 113104.	1.9	5
44	Super-strong and uniform fluorescent composite silk from trace AIE nanoparticle feeding. Composites Communications, 2020, 21, 100414.	6.3	13
45	Liquid Marbles in Liquid. Small, 2020, 16, e2002802.	10.0	11
46	Metabolic engineering of Escherichia coli for polyamides monomer Î-valerolactam production from feedstock lysine. Applied Microbiology and Biotechnology, 2020, 104, 9965-9977.	3.6	6
47	Controllable Synthesis of Upconversion Nanophosphors toward Scale-Up Productions. Particle and Particle Systems Characterization, 2020, 37, 2000129.	2.3	14
48	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
49	Preparation of Aqueous Nanodispersions of Disperse Dye by High-Gravity Technology and Spray Drying. Chemical Engineering and Technology, 2020, 43, 2118-2125.	1.5	1
50	Microfluidic controllable synthesis of monodispersed sulfur nanoparticles with enhanced antibacterial activities. Chemical Engineering Journal, 2020, 398, 125293.	12.7	26
51	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
52	Nucleolus-Targeted Photodynamic Anticancer Therapy Using Renal-Clearable Carbon Dots. Advanced Healthcare Materials, 2020, 9, e2000607.	7.6	61
53	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
54	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

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55	Influenza A Virus Antibodies with Antibody-Dependent Cellular Cytotoxicity Function. <i>Viruses</i> , 2020, 12, 276.	3.3	23
56	Can Masks Be Reused After Hot Water Decontamination During the COVID-19 Pandemic?. <i>Engineering</i> , 2020, 6, 1115-1121.	6.7	71
57	Genome-wide identification of WD40 genes reveals a functional diversification of COP1-like genes in Rosaceae. <i>Plant Molecular Biology</i> , 2020, 104, 81-95.	3.9	10
58	Co-N-C in porous carbon with enhanced lithium ion storage properties. <i>Chemical Engineering Journal</i> , 2020, 389, 124377.	12.7	34
59	High-Gravity-Assisted Synthesis of Surfactant-Free Transparent Dispersions of Monodispersed MgAl-LDH Nanoparticles. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 2960-2967.	3.7	20
60	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.	12.0	34
61	ZnO nanodispersion as pseudohomogeneous catalyst for alcoholysis of polyethylene terephthalate. <i>Chemical Engineering Science</i> , 2020, 220, 115642.	3.8	83
62	The complete chloroplast genome sequence of a rambler rose, <i>Rosa wichuraiana</i> (Rosaceae). <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 252-253.	0.4	5
63	Data-driven streamline stiffener path optimization (SSPO) for sparse stiffener layout design of non-uniform curved grid-stiffened composite (NCGC) structures. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2020, 365, 113001.	6.6	38
64	Controllable synthesis and evolution mechanism of monodispersed Sub-10 nm ZrO ₂ nanocrystals. <i>Chemical Engineering Journal</i> , 2020, 394, 124843.	12.7	8
65	High-gravity-assisted green synthesis of rare-earth doped calcium molybdate colloidal nanophosphors. <i>Chinese Journal of Chemical Engineering</i> , 2020, 28, 1744-1751.	3.5	21
66	Next-Generation Sequencing Analysis of Cellular Response to Influenza B Virus Infection. <i>Viruses</i> , 2020, 12, 383.	3.3	3
67	The speed-locking effect of particles on a graphene layer with travelling surface wave. <i>Nanoscale Research Letters</i> , 2020, 15, 203.	5.7	4
68	T-type Calcium Channels in Health and Disease. <i>Current Medicinal Chemistry</i> , 2020, 27, 3098-3122.	2.4	8
69	Surfactant-Free Aqueous Dispersions of Shape- and Size-Controlled Zirconia Colloidal Nanocrystal Clusters with Enhanced Photocatalytic Activity. <i>Langmuir</i> , 2019, 35, 11755-11763.	3.5	9
70	Development and Characterization of a Reverse-Genetics System for Influenza D Virus. <i>Journal of Virology</i> , 2019, 93, .	3.4	15
71	Sub-kilogram-scale synthesis of highly dispersible zirconia nanoparticles for hybrid optical resins. <i>Applied Surface Science</i> , 2019, 491, 505-516.	6.1	11
72	Endothelin-1-Induced Microvascular ROS and Contractility in Angiotensin-II-Infused Mice Depend on COX and TP Receptors. <i>Antioxidants</i> , 2019, 8, 193.	5.1	16

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73	Metal (M= Ru, Pd and Co) embedded in C ₂ N with enhanced lithium storage properties. <i>Materials Today Energy</i> , 2019, 14, 100359.	4.7	13
74	Contribution of Host Immune Responses Against Influenza D Virus Infection Toward Secondary Bacterial Infection in a Mouse Model. <i>Viruses</i> , 2019, 11, 994.	3.3	13
75	Dynamic Curvature Nanochannel-Based Membrane with Anomalous Ionic Transport Behaviors and Reversible Rectification Switch. <i>Advanced Materials</i> , 2019, 31, e1805130.	21.0	114
76	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.	3.5	8
77	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.	3.7	23
78	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.	1.9	8
79	Cinerols, Nitrogenous Meroterpenoids from the Marine Sponge <i>Dysidea cinerea</i> . <i>Journal of Natural Products</i> , 2019, 82, 2586-2593.	3.0	17
80	Super-strong and Intrinsically Fluorescent Silkworm Silk from Carbon Nanodots Feeding. <i>Nano-Micro Letters</i> , 2019, 11, 75.	27.0	28
81	Metal-free catalytic oxidation of benzylic alcohols for benzaldehyde. <i>Reaction Chemistry and Engineering</i> , 2019, 4, 507-515.	3.7	17
82	Curvature-Driven Forces Based on Natural Exponential Pair Potential at Micro/Nanoscales. <i>Acta Mechanica Sinica</i> , 2019, 32, 133-147.	1.9	2
83	High-gravity-hydrolysis approach to transparent nanozirconia/silicone encapsulation materials of light emitting diodes devices for healthy lighting. <i>Nano Energy</i> , 2019, 62, 1-10.	16.0	32
84	Subcritical water processing for nanopharmaceuticals. <i>Chemical Engineering and Processing: Process Intensification</i> , 2019, 140, 36-42.	3.6	17
85	Surface evolution caused by curvature driven forces based on natural exponential pair potential. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2019, 35, 445-456.	3.4	6
86	Efficient preparation of nanoscale zero-valent iron by high gravity technology for enhanced Cr(VI) removal. <i>Canadian Journal of Chemical Engineering</i> , 2019, 97, 1451-1458.	1.7	3
87	Zirconia quantum dots for a nonvolatile resistive random access memory device. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2019, 20, 1698-1705.	2.6	7
88	Process Intensified Synthesis of Rare-Earth Doped $\text{F}^{2-}\text{NaYF}_4$ Nanorods toward Gram-Scale Production. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 22306-22314.	3.7	12
89	Design and efficient fabrication of micro-sized clusters of hydroxyapatite nanorods for dental resin composites. <i>Journal of Materials Science</i> , 2019, 54, 3878-3892.	3.7	19
90	High-gravity-assisted scalable synthesis of zirconia nanodispersion for light emitting diodes encapsulation with enhanced light extraction efficiency. <i>Chemical Engineering Science</i> , 2019, 195, 1-10.	3.8	46

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91	Pre-exposure with influenza A virus A/WSN/1933(H1N1) resulted in viral shedding reduction from pigs challenged with either swine H1N1 or H3N2 virus. <i>Veterinary Microbiology</i> , 2019, 228, 26-31.	1.9	2
92	Preparation of fluorescent waterborne polyurethane nanodispersion by high-gravity miniemulsion polymerization for multifunctional applications. <i>Chemical Engineering and Processing: Process Intensification</i> , 2019, 136, 36-43.	3.6	22
93	Streamline stiffener path optimization (SSPO) for embedded stiffener layout design of non-uniform curved grid-stiffened composite (NCGC) structures. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2019, 344, 1021-1050.	6.6	82
94	Controllable synthesis of transparent dispersions of monodisperse anatase-TiO ₂ nanoparticles and nanorods. <i>Materials Chemistry and Physics</i> , 2019, 224, 100-106.	4.0	16
95	Selective synthesis of triacetin from glycerol catalyzed by HZSM-5/MCM-41 micro/mesoporous molecular sieve. <i>Chinese Journal of Chemical Engineering</i> , 2019, 27, 1073-1078.	3.5	30
96	CFD modelling of gas flow characteristics for the gas heating holder in environmental transmission electron microscope. <i>Canadian Journal of Chemical Engineering</i> , 2019, 97, 777-784.	1.7	4
97	A Spectral Analysis of Feedback Regulation Near and Beyond Nyquist Frequency. <i>IEEE/ASME Transactions on Mechatronics</i> , 2018, 23, 916-926.	5.8	2
98	A DNA Vaccine Expressing Consensus Hemagglutinin-Esterase Fusion Protein Protected Guinea Pigs from Infection by Two Lineages of Influenza D Virus. <i>Journal of Virology</i> , 2018, 92, .	3.4	13
99	Measurement of pre-bunched beam's longitudinal form factor based on radiation from a tunable-gap undulator. <i>Review of Scientific Instruments</i> , 2018, 89, 013304.	1.3	1
100	Preparation of 3D graphene/iron oxides aerogels based on high-gravity intensified reactive precipitation and their applications for photo-Fenton reaction. <i>Chemical Engineering and Processing: Process Intensification</i> , 2018, 129, 77-83.	3.6	17
101	Recent progress in the green synthesis of rare-earth doped upconversion nanophosphors for optical bioimaging from cells to animals. <i>Chinese Journal of Chemical Engineering</i> , 2018, 26, 2206-2218.	3.5	26
102	Colloidal Synthesis of Semiconductor Quantum Dots toward Large-Scale Production: A Review. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 1790-1802.	3.7	230
103	3D Macroporous Mo _x C@Ni with Incorporated Mo Vacancies as Anodes for High-Performance Lithium-Ion Batteries. <i>Small Methods</i> , 2018, 2, 1800040.	8.6	36
104	Observation of coherent Smith-Purcell and transition radiation driven by single bunch and micro-bunched electron beams. <i>Applied Physics Letters</i> , 2018, 112, .	3.3	14
105	Sensitivity analysis for optimization design of non-uniform curved grid-stiffened composite (NCGC) structures. <i>Composite Structures</i> , 2018, 193, 224-236.	5.8	36
106	Potential roles of acyl homoserine lactone based quorum sensing in sequencing batch nitrifying biofilm reactors with or without the addition of organic carbon. <i>Bioresource Technology</i> , 2018, 259, 136-145.	9.6	69
107	3D foam-structured nitrogen-doped graphene-Ni catalyst for highly efficient nitrobenzene reduction. <i>AIChE Journal</i> , 2018, 64, 1330-1338.	3.6	17
108	Unlocking the influence of family business exposure on entrepreneurial intentions. <i>International Entrepreneurship and Management Journal</i> , 2018, 14, 951-974.	5.0	57

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109	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. <i>Journal of Colloid and Interface Science</i> , 2018, 511, 243-250.	9.4	18
110	Recent advances in microtubule-stabilizing agents. <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 806-828.	5.5	133
111	Efficient preparation of monodisperse CaCO ₃ nanoparticles as overbased nanodetergents in a high-gravity rotating packed bed reactor. <i>Powder Technology</i> , 2018, 325, 405-411.	4.2	28
112	Sulfuric Acid Assisted Preparation of Red-Emitting Carbonized Polymer Dots and the Application of Bio-Imaging. <i>Nanoscale Research Letters</i> , 2018, 13, 272.	5.7	29
113	Tuning Hydrocarbon Pool Intermediates by the Acidity of SAPO-34 Catalysts for Improving Methanol-to-Olefins Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 16867-16875.	6.7	34
114	Green catalytic engineering: A powerful tool for sustainable development in chemical industry. <i>Frontiers of Chemical Science and Engineering</i> , 2018, 12, 835-837.	4.4	7
115	Synthesis of Pseudellone Analogs and Characterization as Novel T-type Calcium Channel Blockers. <i>Marine Drugs</i> , 2018, 16, 475.	4.6	6
116	Selective excitation and control of coherent terahertz Smith-Purcell radiation by high-intensity period-tunable train of electron micro-bunches. <i>Applied Physics Letters</i> , 2018, 113, 171104.	3.3	10
117	Subgram-Scale Synthesis of Biomass Waste-Derived Fluorescent Carbon Dots in Subcritical Water for Bioimaging, Sensing, and Solid-State Patterning. <i>ACS Omega</i> , 2018, 3, 13211-13218.	3.5	40
118	Controllable Preparation of Monodisperse Silica Nanoparticles Using Internal Circulation Rotating Packed Bed for Dental Restorative Composite Resin. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 12809-12815.	3.7	20
119	Process intensification for scalable synthesis of ytterbium and erbium co-doped sodium yttrium fluoride upconversion nanodispersions. <i>Powder Technology</i> , 2018, 340, 208-216.	4.2	22
120	Thermo-Mechanical Vibration Analysis of Size-Dependent Functionally Graded Micro-Beams with General Boundary Conditions. <i>International Journal of Applied Mechanics</i> , 2018, 10, 1850088.	2.2	14
121	Synthesis of Transparent Aqueous ZrO ₂ Nanodispersion with a Controllable Crystalline Phase without Modification for a High-Refractive-Index Nanocomposite Film. <i>Langmuir</i> , 2018, 34, 6806-6813.	3.5	50
122	Enhanced 5-aminovaleerate production in <i>Escherichia coli</i> from lysine with ethanol and hydrogen peroxide addition. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 3492-3501.	3.2	13
123	Synthesis of transparent dispersions of aluminium hydroxide nanoparticles. <i>Nanotechnology</i> , 2018, 29, 305605.	2.6	4
124	Polyhedral oligomeric silsesquioxane-coated nanodiamonds for multifunctional applications. <i>Journal of Materials Science</i> , 2018, 53, 15915-15926.	3.7	7
125	Short-wave infrared emitted/excited fluorescence from carbon dots and preliminary applications in bioimaging. <i>Materials Chemistry Frontiers</i> , 2018, 2, 1343-1350.	5.9	20
126	Recent advances on metal-free graphene-based catalysts for the production of industrial chemicals. <i>Frontiers of Chemical Science and Engineering</i> , 2018, 12, 855-866.	4.4	27

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127	Twin-bunch compression via velocity bunching in a traveling wave accelerator. <i>Physical Review Accelerators and Beams</i> , 2018, 21, .	1.6	0
128	Silver/graphene nanocomposites as catalysts for the reduction of 4-nitrophenol to 4-aminophenol: Materials preparation and reaction kinetics studies. <i>Canadian Journal of Chemical Engineering</i> , 2017, 95, 1297-1304.	1.7	16
129	Solubility of Bicalutamide, Megestrol Acetate, Prednisolone, Beclomethasone Dipropionate, and Clarithromycin in Subcritical Water at Different Temperatures from 383.15 to 443.15 K. <i>Journal of Chemical & Engineering Data</i> , 2017, 62, 1139-1145.	1.9	10
130	Efficient treatment of actual pharmaceutical wastewater by wet oxidation process in subcritical water apparatus. <i>Canadian Journal of Chemical Engineering</i> , 2017, 95, 2056-2062.	1.7	6
131	Duality in interaction potentials for curved surface bodies and inside particles. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2017, 38, 1071-1090.	3.6	0
132	Highly fluorescent N, S-co-doped carbon dots and their potential applications as antioxidants and sensitive probes for Cr (VI) detection. <i>Sensors and Actuators B: Chemical</i> , 2017, 248, 92-100.	7.8	173
133	Facile synthesis of fluorescence carbon dots from sweet potato for Fe ³⁺ sensing and cell imaging. <i>Materials Science and Engineering C</i> , 2017, 76, 856-864.	7.3	270
134	A green route to beclomethasone dipropionate nanoparticles via solvent anti-solvent precipitation by using subcritical water as the solvent. <i>Powder Technology</i> , 2017, 308, 200-205.	4.2	19
135	Sulfurized Graphene as Efficient Metal-Free Catalysts for Reduction of 4-Nitrophenol to 4-Aminophenol. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 13610-13617.	3.7	100
136	The Hemagglutinin-Esterase Fusion Glycoprotein Is a Primary Determinant of the Exceptional Thermal and Acid Stability of Influenza D Virus. <i>MSphere</i> , 2017, 2, .	2.9	20
137	Nanonization of ciprofloxacin using subcritical water-ethanol mixture as the solvent: Solubility and precipitation parameters. <i>Powder Technology</i> , 2017, 321, 197-203.	4.2	10
138	Visualization of IAV Genomes at the Single-Cell Level. <i>Trends in Microbiology</i> , 2017, 25, 781-782.	7.7	1
139	Transferrin-coated magnetic upconversion nanoparticles for efficient photodynamic therapy with near-infrared irradiation and luminescence bioimaging. <i>Nanoscale</i> , 2017, 9, 11214-11221.	5.6	47
140	Synthesis of flower-shaped V ₂ O ₅ :Fe ³⁺ microarchitectures in a high-gravity rotating packed bed with enhanced electrochemical performance for lithium ion batteries. <i>Chemical Engineering and Processing: Process Intensification</i> , 2017, 120, 201-206.	3.6	16
141	Facile and Scalable Preparation of Fluorescent Carbon Dots for Multifunctional Applications. <i>Engineering</i> , 2017, 3, 402-408.	6.7	130
142	Phase control with two-beam interferometry method in a terahertz dielectric wakefield accelerator. <i>Applied Physics Letters</i> , 2017, 111, .	3.3	6
143	Facile Preparation of ½-Calcium Sulfate Hemihydrate with Low Aspect Ratio Using High-Gravity Reactive Precipitation Combined with a Salt Solution Method at Atmospheric Pressure. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 14053-14059.	3.7	14
144	Scalable Preparation of Gd ₂ O ₃ :Yb ³⁺ /Er ³⁺ Upconversion Nanophosphors in a High-Gravity Rotating Packed Bed Reactor for Transparent Upconversion Luminescent Films. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 7977-7983.	3.7	38

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145	Ultrafine clarithromycin nanoparticles via anti-solvent precipitation in subcritical water: Effect of operating parameters. Powder Technology, 2017, 305, 125-131.	4.2	14
146	Buckling optimization design of curved stiffeners for grid-stiffened composite structures. Composite Structures, 2017, 159, 656-666.	5.8	74
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