

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
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205
all docs

205
docs citations

205
times ranked

9041
citing authors

#	ARTICLE	IF	CITATIONS
1	Using 915 nm Laser Excited Tm ³⁺ /Er ³⁺ /Ho ³⁺ -Doped NaYbF ₄ Upconversion Nanoparticles for <i>in Vitro</i> and Deeper <i>in Vivo</i> Bioimaging without Overheating Irradiation. ACS Nano, 2011, 5, 3744-3757.	14.6	490
2	Facile synthesis of fluorescence carbon dots from sweet potato for Fe ³⁺ sensing and cell imaging. Materials Science and Engineering C, 2017, 76, 856-864.	7.3	270
3	Colloidal Synthesis of Semiconductor Quantum Dots toward Large-Scale Production: A Review. Industrial & Engineering Chemistry Research, 2018, 57, 1790-1802.	3.7	230
4	Multifunctional Gold Nanorods with Ultrahigh Stability and Tunability for <i>In Vivo</i> Fluorescence Imaging, SERS Detection, and Photodynamic Therapy. Angewandte Chemie - International Edition, 2013, 52, 1148-1151.	13.8	222
5	Localized surface plasmon resonance enhanced organic solar cell with gold nanospheres. Applied Energy, 2011, 88, 848-852.	10.1	174
6	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
7	Observation of Multiphoton-Induced Fluorescence from Graphene Oxide Nanoparticles and Applications in <i>In Vivo</i> Functional Bioimaging. Angewandte Chemie - International Edition, 2012, 51, 10570-10575.	13.8	147
8	Photosensitizer encapsulated organically modified silica nanoparticles for direct two-photon photodynamic therapy and <i>In Vivo</i> functional imaging. Biomaterials, 2012, 33, 4851-4860.	11.4	138
9	Fluorescence-surface enhanced Raman scattering co-functionalized gold nanorods as near-infrared probes for purely optical <i>in vivo</i> imaging. Biomaterials, 2011, 32, 1601-1610.	11.4	135
10	Recent advances in microtubule-stabilizing agents. European Journal of Medicinal Chemistry, 2018, 143, 806-828.	5.5	133
11	Quinazoline derivatives: synthesis and bioactivities. Chemistry Central Journal, 2013, 7, 95.	2.6	132
12	Facile and Scalable Preparation of Fluorescent Carbon Dots for Multifunctional Applications. Engineering, 2017, 3, 402-408.	6.7	130
13	Dynamic Curvature Nanochannel-Based Membrane with Anomalous Ionic Transport Behaviors and Reversible Rectification Switch. Advanced Materials, 2019, 31, e1805130.	21.0	114
14	Can graphene quantum dots cause DNA damage in cells?. Nanoscale, 2015, 7, 9894-9901.	5.6	110
15	Global and local buckling analysis of grid-stiffened composite panels. Composite Structures, 2015, 119, 767-776.	5.8	107
16	Recent Advances in Graphene Quantum Dots for Fluorescence Bioimaging from Cells through Tissues to Animals. Particle and Particle Systems Characterization, 2015, 32, 515-523.	2.3	103
17	Biocompatible and Photostable AIE Dots with Red Emission for <i>In Vivo</i> Two-Photon Bioimaging. Scientific Reports, 2014, 4, 4279.	3.3	100
18	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

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19	Aggregation-enhanced fluorescence in PEGylated phospholipid nanomicelles for in vivo imaging. <i>Biomaterials</i> , 2011, 32, 5880-5888.	11.4	92
20	Influenza D Virus in Animal Species in Guangdong Province, Southern China. <i>Emerging Infectious Diseases</i> , 2017, 23, 1392-1396.	4.3	89
21	Masks for COVID-19. <i>Advanced Science</i> , 2022, 9, e2102189.	11.2	89
22	ZnO nanodispersion as pseudohomogeneous catalyst for alcoholysis of polyethylene terephthalate. <i>Chemical Engineering Science</i> , 2020, 220, 115642.	3.8	83
23	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
24	Liquid Marbles Based on Magnetic Upconversion Nanoparticles as Magnetically and Optically Responsive Miniature Reactors for Photocatalysis and Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10795-10799.	13.8	75
25	Buckling optimization design of curved stiffeners for grid-stiffened composite structures. <i>Composite Structures</i> , 2017, 159, 656-666.	5.8	74
26	Can Masks Be Reused After Hot Water Decontamination During the COVID-19 Pandemic?. <i>Engineering</i> , 2020, 6, 1115-1121.	6.7	71
27	Diterpenoid Alkaloids from the Chinese Traditional Herbal "Fuzi" and Their Cytotoxic Activity. <i>Molecules</i> , 2012, 17, 5187-5194.	3.8	70
28	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
29	Replication and Transmission of the Novel Bovine Influenza D Virus in a Guinea Pig Model. <i>Journal of Virology</i> , 2015, 89, 11990-12001.	3.4	63
30	Fluorescent carbon dots from milk by microwave cooking. <i>RSC Advances</i> , 2016, 6, 41516-41521.	3.6	63
31	Nucleolus-Targeted Photodynamic Anticancer Therapy Using Renal-Clearable Carbon Dots. <i>Advanced Healthcare Materials</i> , 2020, 9, e2000607.	7.6	61
32	Unlocking the influence of family business exposure on entrepreneurial intentions. <i>International Entrepreneurship and Management Journal</i> , 2018, 14, 951-974.	5.0	57
33	Genome-wide identification of the <i>Jatropha curcas</i> MYB family and functional analysis of the abiotic stress responsive gene JcMYB2. <i>BMC Genomics</i> , 2016, 17, 251.	2.8	51
34	Uniform Two-Dimensional Co ₃ O ₄ Porous Sheets: Facile Synthesis and Enhanced Photocatalytic Performance. <i>Chemical Engineering and Technology</i> , 2016, 39, 891-898.	1.5	50
35	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
36	Two-Dimensional Fully Conjugated Polymeric Photosensitizers for Advanced Photodynamic Therapy. <i>Chemistry of Materials</i> , 2016, 28, 8651-8658.	6.7	47

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37	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
38	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
39	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.	9.4	46
40	Experimental Demonstration of Longitudinal Beam Phase-Space Linearizer in a Free-Electron Laser Facility by Corrugated Structures. <i>Physical Review Letters</i> , 2014, 113, 254802.	7.8	43
41	Identification of Goose-Origin Parvovirus as a Cause of Newly Emerging Beak Atrophy and Dwarfism Syndrome in Ducklings. <i>Journal of Clinical Microbiology</i> , 2016, 54, 1999-2007.	3.9	43
42	Citric acid-assisted ultrasmall CeO ₂ nanoparticles for efficient photocatalytic degradation of glyphosate. <i>Chemical Engineering Journal</i> , 2021, 425, 130640.	12.7	43
43	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
44	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
45	Surface Functionalization of Carbon Dots with Polyhedral Oligomeric Silsesquioxane (POSS) for Multifunctional Applications. <i>Advanced Materials Interfaces</i> , 2016, 3, 1500439.	3.7	38
46	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
47	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
48	3D Macroporous Mo _x C@N with Incorporated Mo Vacancies as Anodes for High-Performance Lithium-Ion Batteries. <i>Small Methods</i> , 2018, 2, 1800040.	8.6	36
49	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
50	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
51	Co-N-C in porous carbon with enhanced lithium ion storage properties. <i>Chemical Engineering Journal</i> , 2020, 389, 124377.	12.7	34
52	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
53	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
54	Recent advances in design, synthesis and bioactivity of paclitaxel-mimics. <i>FÄ-toterapÄ-t</i> , 2016, 110, 26-37.	2.2	31

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55	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
56	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
57	Influenza D virus. Current Opinion in Virology, 2020, 44, 154-161.	5.4	29
58	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
59	PAF-derived nitrogen-doped 3D Carbon Materials for Efficient Energy Conversion and Storage. Scientific Reports, 2015, 5, 8307.	3.3	28
60	Efficient preparation of monodisperse CaCO ₃ nanoparticles as overbased nanodetergents in a high-gravity rotating packed bed reactor. Powder Technology, 2018, 325, 405-411.	4.2	28
61	Super-strong and Intrinsically Fluorescent Silkworm Silk from Carbon Nanodots Feeding. Nano-Micro Letters, 2019, 11, 75.	27.0	28
62	A parametric mapping method for curve shape optimization on 3D panel structures. International Journal for Numerical Methods in Engineering, 2010, 84, 485-504.	2.8	27
63	Pencil-like imaging spectrometer for bio-samples sensing. Biomedical Optics Express, 2017, 8, 5427.	2.9	27
64	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
65	Efficient diffusion of superdense lithium <i>via</i> atomic channels for dendrite-free lithium-metal batteries. Energy and Environmental Science, 2022, 15, 196-205.	30.8	27
66	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
67	Microfluidic controllable synthesis of monodispersed sulfur nanoparticles with enhanced antibacterial activities. Chemical Engineering Journal, 2020, 398, 125293.	12.7	26
68	Long-Lived Liquid Marbles for Green Applications. Advanced Functional Materials, 2021, 31, 2011198.	14.9	26
69	Construction of Cu nanoparticles embedded nitrogen-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
70	Efficient Construction of SiO ₂ 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
71	Influenza A Virus Antibodies with Antibody-Dependent Cellular Cytotoxicity Function. Viruses, 2020, 12, 276.	3.3	23
72	Cobalt nanoparticles imbedded into zeolite crystals: A tailor-made catalyst for one-step synthesis of gasoline from syngas. International Journal of Hydrogen Energy, 2016, 41, 21965-21978.	7.1	22

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73	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
74	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
75	The first decade of research advances in influenza D virus. <i>Journal of General Virology</i> , 2021, 102, .	2.9	22
76	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
77	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
78	A bispace parameterization method for shape optimization of thin-walled curved shell structures with openings. <i>International Journal for Numerical Methods in Engineering</i> , 2012, 90, 1598-1617.	2.8	20
79	Observation of Field-Emission Dependence on Stored Energy. <i>Physical Review Letters</i> , 2015, 115, 264802.	7.8	20
80	Surface evolution at nanoscale during oxidation: A competing mechanism between local curvature effect and stress effect. <i>Journal of Applied Physics</i> , 2016, 119, .	2.5	20
81	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
82	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
83	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
84	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
85	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
86	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
87	Multi-stimuli-responsive liquid marbles stabilized by superhydrophobic luminescent carbon dots for miniature reactors. <i>Chemical Engineering Journal</i> , 2020, 391, 123478.	12.7	19
88	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
89	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
90	3D porous structured nitrogen-doped graphene-Ni catalyst for highly efficient nitrobenzene reduction. <i>AIChE Journal</i> , 2018, 64, 1330-1338.	3.6	17

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91	Cinerols, Nitrogenous Meroterpenoids from the Marine Sponge <i>Dysidea cinerea</i> . Journal of Natural Products, 2019, 82, 2586-2593.	3.0	17
92	Metal-free catalytic oxidation of benzylic alcohols for benzaldehyde. Reaction Chemistry and Engineering, 2019, 4, 507-515.	3.7	17
93	Subcritical water processing for nanopharmaceuticals. Chemical Engineering and Processing: Process Intensification, 2019, 140, 36-42.	3.6	17
94	A general material perturbation method using fixed mesh for stress sensitivity analysis and structural shape optimization. Computers and Structures, 2013, 129, 40-53.	4.4	16
95	Design, synthesis and biological evaluation of paclitaxel-mimics possessing only the oxetane D-ring and side chain structures. <i>FASEB J</i> , 2014, 92, 111-115.	2.2	16
96	Silver/graphene nanocomposites as catalysts for the reduction of 4-nitrophenol to 4-aminophenol: Materials preparation and reaction kinetics studies. Canadian Journal of Chemical Engineering, 2017, 95, 1297-1304.	1.7	16
97	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. Chemical Engineering and Processing: Process Intensification, 2017, 120, 201-206.	3.6	16
98	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
99	Controllable synthesis of transparent dispersions of monodisperse anatase-TiO ₂ nanoparticles and nanorods. Materials Chemistry and Physics, 2019, 224, 100-106.	4.0	16
100	Development and Characterization of a Reverse-Genetics System for Influenza D Virus. Journal of Virology, 2019, 93, .	3.4	15
101	Rose without prickle: genomic insights linked to moisture adaptation. National Science Review, 2021, 8, nwab092.	9.5	15
102	Complex and reticulate origin of edible roses (<i>Rosa</i> , Rosaceae) in China. Horticulture Research, 2022, 9, .	6.3	15
103	Facile Preparation of β -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
104	Ultrafine clarithromycin nanoparticles via anti-solvent precipitation in subcritical water: Effect of operating parameters. Powder Technology, 2017, 305, 125-131.	4.2	14
105	Observation of coherent Smith-Purcell and transition radiation driven by single bunch and micro-bunched electron beams. Applied Physics Letters, 2018, 112, .	3.3	14
106	Thermo-Mechanical Vibration Analysis of Size-Dependent Functionally Graded Micro-Beams with General Boundary Conditions. International Journal of Applied Mechanics, 2018, 10, 1850088.	2.2	14
107	Controllable Synthesis of Upconversion Nanophosphors toward Scale-Up Productions. Particle and Particle Systems Characterization, 2020, 37, 2000129.	2.3	14
108	Identification of a Ruminant Origin Group B Rotavirus Associated with Diarrhea Outbreaks in Foals. Viruses, 2021, 13, 1330.	3.3	14

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109	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
110	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
111	Metal (Ru, Pd and Co) embedded in C2N with enhanced lithium storage properties. <i>Materials Today Energy</i> , 2019, 14, 100359.	4.7	13
112	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
113	Super-strong and uniform fluorescent composite silk from trace AIE nanoparticle feeding. <i>Composites Communications</i> , 2020, 21, 100414.	6.3	13
114	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.	3.7	13
115	Shape optimization of 3D curved slots and its application to the squirrel-cage elastic support design. <i>Science China: Physics, Mechanics and Astronomy</i> , 2010, 53, 1895-1900.	5.1	12
116	UV pulse trains by λ -BBO crystal stacking for the production of THz-rap-rate electron bunches. <i>Journal of Plasma Physics</i> , 2012, 78, 429-431.	2.1	12
117	Process Intensified Synthesis of Rare-Earth Doped NaYF_4 Nanorods toward Gram-Scale Production. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 22306-22314.	3.7	12
118	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.	4.4	12
119	Eco-Efficient One-Pot Synthesis of Quinazoline-2,4(1 <i>H</i> ,3 <i>H</i>)-diones at Room Temperature in Water. <i>Chemical and Pharmaceutical Bulletin</i> , 2014, 62, 824-829.	1.3	11
120	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
121	Liquid Marbles in Liquid. <i>Small</i> , 2020, 16, e2002802.	10.0	11
122	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
123	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
124	Microwave assisted extraction of polysaccharides from Yupingfeng powder and their antioxidant activity. <i>Pharmacognosy Magazine</i> , 2015, 11, 546.	0.6	11
125	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
126	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

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127	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
128	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
129	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
130	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.	6.4	10
131	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
132	Surface Energy of Curved Surface Based on Lennard-Jones Potential. <i>Nanomaterials</i> , 2021, 11, 686.	4.1	10
133	Scalable synthesis of ytterbium and erbium codoped calcium molybdate phosphors as upconversion luminescent thermometer. <i>AIChE Journal</i> , 2021, 67, e17399.	3.6	10
134	High time resolution beam-based measurement of the rf-to-laser jitter in a photocathode rf gun. <i>Physical Review Special Topics: Accelerators and Beams</i> , 2014, 17, .	1.8	9
135	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
136	Fast hyperspectral imager driven by a low-cost and compact galvo-mirror. <i>Optik</i> , 2020, 224, 165716.	2.9	9
137	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
138	Room-temperature palladium-catalysed Suzuki-Miyaura coupling of arylboronic acid with aryl chlorides. <i>RSC Advances</i> , 2015, 5, 107119-107122.	3.6	8
139	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
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.	1.9	8
141	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
142	Controllable synthesis and evolution mechanism of monodispersed Sub-10 nm ZrO ₂ nanocrystals. <i>Chemical Engineering Journal</i> , 2020, 394, 124843.	12.7	8
143	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
144	T-type Calcium Channels in Health and Disease. <i>Current Medicinal Chemistry</i> , 2020, 27, 3098-3122.	2.4	8

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145	A virtual punching method for shape optimization of openings on curved panels using CAD-based Boolean operations. <i>CAD Computer Aided Design</i> , 2012, 44, 388-399.	2.7	7
146	Synthesis, isolation, stereostructure and cytotoxicity of paclitaxel analogs from cephalomannine. <i>FÄ-toterapÄ-Äç</i> , 2013, 90, 79-84.	2.2	7
147	Highly Efficient, Environment-Friendly, One-Pot Synthesis of 2-Substituted 4-Formylimidazoles from 4-Acylaminoisoxazoles. <i>Synthesis</i> , 2014, 47, 65-70.	2.3	7
148	Curvature-based interaction potential between a micro/nano curved surface body and a particle on the surface of the body. <i>Journal of Biological Physics</i> , 2016, 42, 33-51.	1.5	7
149	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
150	Polyhedral oligomeric silsesquioxane-coated nanodiamonds for multifunctional applications. <i>Journal of Materials Science</i> , 2018, 53, 15915-15926.	3.7	7
151	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
152	High-gravity-assisted engineering of Ni2P/g-C3N4 nanocomposites with enhanced photocatalytic performance. <i>Green Energy and Environment</i> , 2022, 7, 288-295.	8.7	7
153	Ultrasound-assisted extraction of total flavonoids from <i>Aconitum gymnantrum</i> . <i>Pharmacognosy Magazine</i> , 2014, 10, 141.	0.6	6
154	A moving bounds strategy for the parameterization of geometric design variables in the simultaneous shape optimization of curved shell structures and openings. <i>Finite Elements in Analysis and Design</i> , 2016, 120, 80-91.	3.2	6
155	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
156	Phase control with two-beam interferometry method in a terahertz dielectric wakefield accelerator. <i>Applied Physics Letters</i> , 2017, 111, .	3.3	6
157	Synthesis of Pseudellone Analogs and Characterization as Novel T-type Calcium Channel Blockers. <i>Marine Drugs</i> , 2018, 16, 475.	4.6	6
158	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
159	Metabolic engineering of <i>Escherichia coli</i> for polyamides monomer Î-valerolactam production from feedstock lysine. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 9965-9977.	3.6	6
160	CaF2/SiO2 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
161	Preparation of transparent BaSO4 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
162	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

#	ARTICLE	IF	CITATIONS
163	The van der Waals potential between arbitrary micro/nano curved surfaces in curvature-based form. <i>Chemical Physics Letters</i> , 2020, 759, 137907.	2.6	5
164	Strong enhancement of coherent terahertz radiation by target ablation using picosecond laser pulses. <i>Physics of Plasmas</i> , 2020, 27, 113104.	1.9	5
165	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
166	Improved hygrothermal durability of flax/polypropylene composites after chemical treatments through a hybrid approach. <i>Cellulose</i> , 2021, 28, 11209-11229.	4.9	5
167	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
168	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
169	Curvature-Based Interaction Potential Between Micro/Nano Curved Surface Body and an Outside Particle. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015, 12, 3206-3217.	0.4	4
170	Synthesis of transparent dispersions of aluminium hydroxide nanoparticles. <i>Nanotechnology</i> , 2018, 29, 305605.	2.6	4
171	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
172	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
173	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
174	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
175	Next-Generation Sequencing Analysis of Cellular Response to Influenza B Virus Infection. <i>Viruses</i> , 2020, 12, 383.	3.3	3
176	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
177	Solubility and Solubility Modeling of 1,3,5-Tris(1-phenyl-1H-benzimidazol-2-yl)benzene toward Nanodispersions in Organic Solvents. <i>Journal of Chemical & Engineering Data</i> , 2021, 66, 2568-2575.	1.9	3
178	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
179	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
180	Experimental Infection of Horses with Influenza D Virus. <i>Viruses</i> , 2022, 14, 661.	3.3	3

#	ARTICLE	IF	CITATIONS
181	High power terahertz radiation source based on electron beam wakefields. AIP Conference Proceedings, 2016, , .	0.4	2
182	A Spectral Analysis of Feedback Regulation Near and Beyond Nyquist Frequency. IEEE/ASME Transactions on Mechatronics, 2018, 23, 916-926.	5.8	2
183	Curvature-Driven Forces Based on Natural Exponential Pair Potential at Micro/Nanoscales. Acta Mechanica Solida Sinica, 2019, 32, 133-147.	1.9	2
184	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. Veterinary Microbiology, 2019, 228, 26-31.	1.9	2
185	Characterisation of Î-Conotoxin TxVIA as a Mammalian T-Type Calcium Channel Modulator. Marine Drugs, 2020, 18, 343.	4.6	2
186	Can NO x reduction by CO react over carbonâ€based singleâ€atom catalysts at low temperatures? A theoretical study. AIChE Journal, 0, , e17425.	3.6	2
187	Visualization of IAV Genomes at the Single-Cell Level. Trends in Microbiology, 2017, 25, 781-782.	7.7	1
188	Measurement of pre-bunched beamâ€™s longitudinal form factor based on radiation from a tunable-gap undulator. Review of Scientific Instruments, 2018, 89, 013304.	1.3	1
189	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
190	A Highly Controlled Organicâ€Inorganic Encapsulation Nanocomposite with Versatile Features toward Wearable Device Applications. Macromolecular Rapid Communications, 2021, 42, e2100134.	3.9	1
191	Experimental Study of Frequency Control of LaSMP Laminated Beams. Journal of Vibration and Acoustics, Transactions of the ASME, 2022, 144, .	1.6	1
192	Aerodynamic Shape Optimization Design of the Swept Wing Based on the Kriging Surrogate Model. Applied Mechanics and Materials, 2013, 444-445, 1277-1282.	0.2	0
193	A new sample update strategy based on kriging. , 2014, , .		0
194	THE INTERACTION POTENTIAL BETWEEN MICRO/NANO CURVED SURFACE BODY WITH NEGATIVE GAUSS CURVATURE AND AN OUTSIDE PARTICLE. Journal of Mechanics in Medicine and Biology, 2015, 15, 1540055.	0.7	0
195	Inverse Design of Supercritical Wing Based on Enhanced RBF Neural Network. , 2015, , .		0
196	Duality in interaction potentials for curved surface bodies and inside particles. Applied Mathematics and Mechanics (English Edition), 2017, 38, 1071-1090.	3.6	0
197	Preparation of ZnO Quantum Dots in a High-Gravity Rotating Packed Bed Reactor for Two-Photon Exited Fluorescence Imaging of Cells. , 2017, , .		0
198	A COMPACT PERPENDICULAR MICROSCOPY AND IMAGING SYSTEM FOR THE DETECTION OF FLUORESCENT SOLUTION FLOW. Progress in Electromagnetics Research Letters, 2017, 67, 75-79.	0.7	0

#	ARTICLE	IF	CITATIONS
199	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
200	How Do Entrepreneurial Rewards Affect Business Family Offspring's Entrepreneurial Intentions?. <i>Proceedings - Academy of Management</i> , 2016, 2016, 12832.	0.1	0
201	Twin-bunch compression via velocity bunching in a traveling wave accelerator. <i>Physical Review Accelerators and Beams</i> , 2018, 21, .	1.6	0