

Wei Guo

List of Publications by Year in descending order

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Version: 2024-02-01

468
papers

22,017
citations

8755

75
h-index

16183

124
g-index

476
all docs

476
docs citations

476
times ranked

25371
citing authors

#	ARTICLE	IF	CITATIONS
1	Rheology investigation of propane gas hydrate crystallization in water/asphaltene-resin-wax deposit emulsions. <i>Journal of Dispersion Science and Technology</i> , 2023, 44, 1637-1646.	2.4	1
2	Semi-supervised multiple empirical kernel learning with pseudo empirical loss and similarity regularization. <i>International Journal of Intelligent Systems</i> , 2022, 37, 1674-1696.	5.7	4
3	Yolk-like non-stoichiometric nickel sulfide-based Janus hydrogel photothermal film for enhanced solar-driven water evaporation and multi-media purification. <i>Journal of Colloid and Interface Science</i> , 2022, 607, 1446-1456.	9.4	30
4	Enhancing triethylamine sensing of ZIF-derived ZnO microspheres arising from cobalt doping and defect engineering. <i>Chemosphere</i> , 2022, 291, 132715.	8.2	5
5	Turning waste into treasure: Carbonized walnut shell for solar-driven water evaporation. <i>Materials Letters</i> , 2022, 307, 131057.	2.6	10
6	Tumor-selective Biodegradation-Regulated Photothermal H ₂ S Donor for Redox Dyshomeostasis and Glycolysis Disorder-Enhanced Theranostics. <i>Small</i> , 2022, 18, e2106168.	10.0	13
7	Roles of Small Molecules in the Stability and Sensitivity of CL-20-Based Host-Guest Explosives under Electric Fields: A Reactive Molecular Dynamics Study. <i>Journal of Physical Chemistry A</i> , 2022, 126, 286-295.	2.5	4
8	Three-dimensional water evaporator based on carbonized silkworm cocoon for highly effective solar-driven water evaporation and wastewater purification. <i>Materials Letters</i> , 2022, 312, 131661.	2.6	3
9	A multifunctional hydrogel dressing with antibacterial properties for effective wound healing. <i>Dalton Transactions</i> , 2022, 51, 6817-6824.	3.3	7
10	Tumor-selective Biodegradation-Regulated Photothermal H ₂ S Donor for Redox Dyshomeostasis and Glycolysis Disorder-Enhanced Theranostics (Small 8/2022). <i>Small</i> , 2022, 18, .	10.0	0
11	How Useful Is Image-Based Active Learning for Plant Organ Segmentation?. <i>Plant Phenomics</i> , 2022, 2022, 9795275.	5.9	13
12	Effect of olefin block copolymer on the toughness of microcellular polypropylene composite. <i>Materials Research Express</i> , 2022, 9, 035301.	1.6	2
13	Biodegradation Mn-CoS@carbon di-shell nanoheterostructure with enhanced nanozyme-mediated phototherapy. , 2022, 136, 212778.		8
14	Deep-Learning-Based Multispectral Image Reconstruction from Single Natural Color RGB Image-Enhancing UAV-Based Phenotyping. <i>Remote Sensing</i> , 2022, 14, 1272.	4.0	11
15	Dynamics and Drivers of Water Clarity Derived from Landsat and In-Situ Measurement Data in Hulun Lake from 2010 to 2020. <i>Water (Switzerland)</i> , 2022, 14, 1189.	2.7	4
16	Collective topological active particles: Non-ergodic superdiffusion and ageing in complex environments. <i>Chaos, Solitons and Fractals</i> , 2022, 157, 111935.	5.1	4
17	Novel polymerization of nitrogen in zinc nitrides at high pressures. <i>Journal of Physics Condensed Matter</i> , 2022, 34, 235702.	1.8	3
18	Computational Screening of Bimetallic Catalysts: Application to Ammonia Decomposition. <i>Journal of Physical Chemistry C</i> , 2022, 126, 192-202.	3.1	1

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19	Hemophagocytosis, hyper-inflammatory responses, and multiple organ damages in COVID-19-associated hyperferritinemia. <i>Annals of Hematology</i> , 2022, 101, 513-520.	1.8	4
20	High-performance free-standing microbial fuel cell anode derived from Chinese date for enhanced electron transfer rates. <i>Bioresource Technology</i> , 2022, 353, 127151.	9.6	21
21	Screening of transition metal single-atom catalysts supported by a WS ₂ monolayer for electrocatalytic nitrogen reduction reaction: insights from activity trend and descriptor. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 13384-13398.	2.8	10
22	Polymer molecular morphology in alkali-surfactant-polymer (ASP) ternary composite system and its influence on rock pore structure. <i>Arabian Journal of Geosciences</i> , 2022, 15, .	1.3	1
23	Energetic and entropic vibrational resonance with a time-delayed feedback. <i>Chinese Journal of Physics</i> , 2022, 78, 1-12.	3.9	2
24	A Space-Time Conversion Vehicle for Programmed Multi-Drugs Delivery into Pancreatic Tumor to Overcome Matrix and Reflux Barriers. <i>Advanced Science</i> , 2022, 9, e2200608.	11.2	12
25	Enhanced Photocatalytic Activity of Nonuniformly Nitrogen-Doped Nb ₂ O ₅ by Prolonging the Lifetime of Photogenerated Holes. <i>Nanomaterials</i> , 2022, 12, 1690.	4.1	1
26	Biomass-based Janus three-dimensional water evaporator for highly effective desalination and wastewater purification. <i>Materials Letters</i> , 2022, 322, 132471.	2.6	3
27	<i>in situ</i> Raman spectroscopy is associated with changes in the expression of titin-interacting and metabolic proteins. <i>Molecular Omics</i> , 2022, 18, 627-634.	2.8	2
28	Fast explosive performance prediction <i>via</i> small-dose energetic materials based on time-resolved imaging combined with machine learning. <i>Journal of Materials Chemistry A</i> , 2022, 10, 13114-13123.	10.3	9
29	Endmember-Assisted Camera Response Function Learning, Toward Improving Hyperspectral Image Super-Resolution Performance. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-14.	6.3	1
30	The Impact of Executive Verbal Communication on the Convergence of Investors' Opinions. <i>Academy of Management Journal</i> , 2021, 64, 1763-1792.	6.3	26
31	Cellular structure and mechanical strength of straw fiber/polypropylene plastics under chemical foam molding. <i>Journal of the Textile Institute</i> , 2021, 112, 109-116.	1.9	7
32	Immunomodulatory effects of platelets on the severity of hand, foot, and mouth disease infected with enterovirus 71. <i>Pediatric Research</i> , 2021, 89, 814-822.	2.3	3
33	Mapping Impervious Surface Distribution and Dynamics in an Arid/Semiarid Area-A Case Study in Ordos, China. <i>IEEE Access</i> , 2021, 9, 19659-19673.	4.2	4
34	Ultrasensitive broadband photodetectors based on two-dimensional Bi ₂ O ₂ Te films. <i>Journal of Materials Chemistry C</i> , 2021, 9, 13713-13721.	5.5	12
35	Pressure-induced novel nitrogen-rich aluminum nitrides: AlN ₆ , Al ₂ N ₇ and AlN ₇ with polymeric nitrogen chains and rings. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 12350-12359.	2.8	8
36	Metabolomics of Oral/Head and Neck Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1280, 277-290.	1.6	2

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37	A covalent organic polymer@TiO ₂ /Ti ₃ C ₂ heterostructure as nonenzymatic biosensor for voltammetric detection of dopamine and uric acid. <i>Mikrochimica Acta</i> , 2021, 188, 95.	5.0	21
38	The clinical characteristics and prognosis of COVID-19 patients with comorbidities: a retrospective analysis of the infection peak in Wuhan. <i>Annals of Translational Medicine</i> , 2021, 9, 280-280.	1.7	9
39	Robust Surface Reconstruction of Plant Leaves from 3D Point Clouds. <i>Plant Phenomics</i> , 2021, 2021, 3184185.	5.9	14
40	Non-associative phase separation in an evaporating droplet as a model for prebiotic compartmentalization. <i>Nature Communications</i> , 2021, 12, 3194.	12.8	44
41	Decomposition mechanism on different surfaces of copper azide. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 255001.	1.8	1
42	EasyDCP: An affordable, high-throughput tool to measure plant phenotypic traits in 3D. <i>Methods in Ecology and Evolution</i> , 2021, 12, 1679-1686.	5.2	11
43	The structure-stabilized Co ₃ O ₄ @Co ₉ S ₈ core-shell nanorods synthesized by in-situ sulfuration of Co ₃ O ₄ for high-performance supercapacitors. <i>Journal of Alloys and Compounds</i> , 2021, 865, 158296.	5.5	31
44	Synthesis of a Co@Sn Alloy-Deposited PTFE Film for Enhanced Solar-Driven Water Evaporation via a Super-Absorbent Polymer-Based Water Pump Design. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 26879-26890.	8.0	14
45	Easy domain adaptation method for filling the species gap in deep learning-based fruit detection. <i>Horticulture Research</i> , 2021, 8, 119.	6.3	22
46	Interaction of vector Bose gases with fermionic superfluids. <i>Physical Review B</i> , 2021, 103, .	3.2	0
47	Facile fabrication 1D/2D/3D Co ₃ O ₄ nanostructure in hydrothermal synthesis for enhanced supercapacitor performance. <i>Journal of Energy Storage</i> , 2021, 38, 102586.	8.1	22
48	UAS-Based Plant Phenotyping for Research and Breeding Applications. <i>Plant Phenomics</i> , 2021, 2021, 9840192.	5.9	44
49	Genome Sequence Resource of <i>Fusarium brachygibbosum</i> Padwick Strain HN-1, a Causal Agent of Maize Stalk Rot Disease. <i>Plant Disease</i> , 2021, , .	1.4	1
50	Multi-objective uncertain optimization with an ellipsoid-based model of a centrally symmetrical square tube with diaphragms for subways. <i>Structural and Multidisciplinary Optimization</i> , 2021, 64, 2789.	3.5	10
51	EasyIDP: A Python Package for Intermediate Data Processing in UAV-Based Plant Phenotyping. <i>Remote Sensing</i> , 2021, 13, 2622.	4.0	13
52	An Efficient Method for Estimating Wheat Heading Dates Using UAV Images. <i>Remote Sensing</i> , 2021, 13, 3067.	4.0	4
53	In-situ Immobilization of a Polyoxometalate Metal-Organic Framework (NENU-3) on Functionalized Reduced Graphene Oxide for Hydrazine Sensing. <i>Chinese Journal of Chemistry</i> , 2021, 39, 2889-2897.	4.9	10
54	Seasonal distribution and ecological risk of phthalate esters in surface water and marine organisms of the Bohai Sea. <i>Marine Pollution Bulletin</i> , 2021, 169, 112449.	5.0	22

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55	High-energy-density polymeric carbon oxide: Layered C_xO_y solids under pressure. <i>Physical Review B</i> , 2021, 104, .	3.2	2
56	Pharmacological Characterization of Toludesvenlafaxine as a Triple Reuptake Inhibitor. <i>Frontiers in Pharmacology</i> , 2021, 12, 741794.	3.5	10
57	Thickness-dependent IR distortion from bulk absorption and refraction and its effects on broadband sum frequency generation spectroscopy. <i>Applied Physics Express</i> , 2021, 14, 112001.	2.4	3
58	The ryanodine receptor stabilizer S107 ameliorates contractility of adult Rbm20 knockout rat cardiomyocytes. <i>Physiological Reports</i> , 2021, 9, e15011.	1.7	7
59	The role of electric field on decomposition of $CL\cdot HMX$ cocrystal: A reactive molecular dynamics study. <i>Journal of Computational Chemistry</i> , 2021, 42, 2202-2212.	3.3	8
60	Non-stoichiometric cobalt sulfide nanodots enhance photothermal and chemodynamic therapies against solid tumor. <i>Journal of Colloid and Interface Science</i> , 2021, 600, 390-402.	9.4	26
61	Energetic and entropic vibrational resonance. <i>Chaos, Solitons and Fractals</i> , 2021, 152, 111400.	5.1	7
62	Amperometric sensor based on ZIF/g-C ₃ N ₄ /RGO heterojunction nanocomposite for hydrazine detection. <i>Mikrochimica Acta</i> , 2021, 188, 48.	5.0	13
63	A three-dimensional viscoelastic analysis of thermoplastic resin matrix composite laminates during hot stamping. <i>Materials Research Express</i> , 2021, 8, 015306.	1.6	3
64	Pressure-driven electronic phase transition in the high-pressure phase of nitrogen-rich 1H-tetrazoles. <i>RSC Advances</i> , 2021, 11, 21507-21513.	3.6	3
65	A 2D/2D NiCo-MOF/Ti ₃ C ₂ heterostructure for the simultaneous detection of acetaminophen, dopamine and uric acid by differential pulse voltammetry. <i>Dalton Transactions</i> , 2021, 50, 16593-16600.	3.3	12
66	Variable Stiffness Design and Multiobjective Crashworthiness Optimization for Collision Post of Subway Cab Cars. <i>Machines</i> , 2021, 9, 246.	2.2	3
67	The sensitivity determination of energetic materials from laser spark spectrometry based on physical-parameter-corrected statistical methods. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 2603-2611.	3.0	6
68	A feasible strategy of coating CoMoO ₄ on Co ₁₁ (HPO ₃) ₈ (OH) ₆ nanorods for improved practical application in supercapacitors. <i>Sustainable Energy and Fuels</i> , 2021, 6, 209-216.	4.9	8
69	Regression Analysis and Comparison of Economic Parameters with Different Light Index Models under Various Constraints. <i>Sensors</i> , 2021, 21, 7561.	3.8	3
70	Study on electrical conductivity and microwave absorption properties of CNTs/CB/PMMA nanocomposites foam. <i>Materials Research Express</i> , 2021, 8, 126301.	1.6	1
71	Effects of inorganic particles on the crystallization, mechanical properties and cellular structure of foamed PP composites in the IMD/MIM process. <i>RSC Advances</i> , 2021, 11, 36651-36662.	3.6	3
72	Rivals'™ Negative Earnings Surprises, Language Signals, and Firms'™ Competitive Actions. <i>Academy of Management Journal</i> , 2020, 63, 637-659.	6.3	32

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73	Role of <sc>BRD4</sc> phosphorylation in the nucleus accumbens in relapse to cocaine-seeking behavior in mice. <i>Addiction Biology</i> , 2020, 25, e12808.	2.6	17
74	Chemical characterization and source analysis of water-soluble inorganic ions in PM2.5 from a plateau city of Kunming at different seasons. <i>Atmospheric Research</i> , 2020, 234, 104687.	4.1	43
75	Photoinduced Directional Proton Transport through Printed Asymmetric Graphene Oxide Superstructures: A New Driving Mechanism under Full-Area Light Illumination. <i>Advanced Functional Materials</i> , 2020, 30, 1907549.	14.9	23
76	CoWO ₄ -x-based nanoplatform for multimode imaging and enhanced photothermal/photodynamic therapy. <i>Chemical Engineering Journal</i> , 2020, 385, 123979.	12.7	18
77	Defect enhanced CoP/Reduced graphene oxide electrocatalytic hydrogen production with pt-like activity. <i>Applied Catalysis B: Environmental</i> , 2020, 265, 118576.	20.2	34
78	Light-Powered Directional Nanofluidic Ion Transport in Kirigami-Made Asymmetric Photonic-Ionic Devices. <i>Small</i> , 2020, 16, e1905557.	10.0	23
79	Seasonal Control of Water-Soluble Inorganic Ions in PM2.5 from Nanning, a Subtropical Monsoon Climate City in Southwestern China. <i>Atmosphere</i> , 2020, 11, 5.	2.3	11
80	VdNop12, containing two tandem RNA recognition motif domains, is a crucial factor for pathogenicity and cold adaption in <i>Verticillium dahliae</i> . <i>Environmental Microbiology</i> , 2020, 22, 5387-5401.	3.8	6
81	Field-based individual plant phenotyping of herbaceous species by unmanned aerial vehicle. <i>Ecology and Evolution</i> , 2020, 10, 12318-12326.	1.9	11
82	The morphology controlled growth of Co ₁₁ (HPO ₃) ₈ (OH) ₆ on nickel foams for quasi-solid-state supercapacitor applications. <i>CrystEngComm</i> , 2020, 22, 5218-5225.	2.6	12
83	Dysregulated ribonucleoprotein granules promote cardiomyopathy in RBM20 gene-edited pigs. <i>Nature Medicine</i> , 2020, 26, 1788-1800.	30.7	58
84	Numerical simulation of the joining interface of dissimilar metals in vaporizing foil actuator welding: Forming mechanism and factors. <i>Journal of Manufacturing Processes</i> , 2020, 60, 654-665.	5.9	7
85	Entropic vibrational resonance. <i>Physical Review E</i> , 2020, 102, 012149.	2.1	14
86	Plasmonic Gold Nanohole Arrays for Surface-Enhanced Sum Frequency Generation Detection. <i>Nanomaterials</i> , 2020, 10, 2557.	4.1	6
87	CoWO ₄ -Based Photothermal Membranes for Solar-Driven Water Evaporation and Eutrophic Lake Water Purification. <i>ACS Omega</i> , 2020, 5, 31598-31607.	3.5	17
88	Cardioprotective Effect of (Z)-2-Acetoxy-3-(3,4-Dihydroxyphenyl) Acrylic Acid: Inhibition of Apoptosis in Cardiomyocytes. <i>Cardiovascular Therapeutics</i> , 2020, 2020, 1-10.	2.5	0
89	Flower-like droplets obtained by self-emulsification of a phase-separating (SEPS) aqueous film. <i>Soft Matter</i> , 2020, 16, 6050-6055.	2.7	7
90	Flexible Pt ₃ Ni-S-Deposited Teflon Membrane with High Surface Mechanical Properties for Efficient Solar-Driven Strong Acidic/Alkaline Water Evaporation. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 27140-27149.	8.0	22

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91	Quantifying Strain via Buckling Instabilities in Surface-Modified Polymer Brushes. <i>Macromolecules</i> , 2020, 53, 4552-4559.	4.8	5
92	Wrinkle-induced highly conductive channels in graphene on SiO ₂ /Si substrates. <i>Nanoscale</i> , 2020, 12, 12038-12045.	5.6	11
93	Laterally Heterogeneous 2D Layered Materials as an Artificial Light-Harvesting Proton Pump. <i>Advanced Functional Materials</i> , 2020, 30, 2001549.	14.9	17
94	Anti-IL-12/23 p40 antibody attenuates chronic graft-versus-host disease with lupus nephritis via inhibiting Tfh cell in mice. <i>Biomedicine and Pharmacotherapy</i> , 2020, 129, 110396.	5.6	7
95	Intact Detection of Highly Occluded Immature Tomatoes on Plants Using Deep Learning Techniques. <i>Sensors</i> , 2020, 20, 2984.	3.8	58
96	Immunomodulatory activity-guided isolation and characterization of a novel polysaccharide from <i>Atractylodes macrocephala</i> Koidz. <i>International Journal of Biological Macromolecules</i> , 2020, 161, 514-524.	7.5	24
97	Active learning with point supervision for cost-effective panicle detection in cereal crops. <i>Plant Methods</i> , 2020, 16, 34.	4.3	47
98	Effects of self-propulsion, chirality and noise-correlation on the entropic stochastic resonance of an active Brownian particle. <i>Chinese Journal of Physics</i> , 2020, 65, 54-63.	3.9	5
99	Mapping impervious surface distribution in China using multi-source remotely sensed data. <i>GIScience and Remote Sensing</i> , 2020, 57, 543-552.	5.9	14
100	Rapid Thermal Annealing toward High-Quality 2D Cobalt Fluoride Oxide as an Advanced Oxygen Evolution Electrocatalyst. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 6905-6913.	6.7	54
101	Contemporary adaptive divergence of plant competitive traits in urban and rural populations and its implication for weed management. <i>Journal of Ecology</i> , 2020, 108, 2521-2530.	4.0	13
102	High-performance yarn supercapacitor based on directly twisted carbon nanotube@bacterial cellulose membrane. <i>Cellulose</i> , 2020, 27, 7649-7661.	4.9	23
103	Gm15575 functions as a ceRNA to up-regulate CCL7 expression through sponging miR-686 in Th17 cells. <i>Molecular Immunology</i> , 2020, 125, 32-42.	2.2	13
104	Structural damage and phase stability of Al _{0.3} CoCrFeNi high entropy alloy under high temperature ion irradiation. <i>Acta Materialia</i> , 2020, 188, 1-15.	7.9	83
105	Investigation on Foamed PP/Nano-CaCO ₃ Composites in a Combined in-Mold Decoration and Microcellular Injection Molding Process. <i>Polymers</i> , 2020, 12, 363.	4.5	14
106	Interpreting nanovoids in atom probe tomography data for accurate local compositional measurements. <i>Nature Communications</i> , 2020, 11, 1022.	12.8	23
107	Electric-Field-Induced Ionic Sieving at Planar Graphene Oxide Heterojunctions for Miniaturized Water Desalination. <i>Advanced Materials</i> , 2020, 32, e1903954.	21.0	64
108	Investigation on forming defects and crystallization of plastic parts in combined in-mold decoration and microcellular injection molding based on a multiphase flow-solid coupled heat transfer model. <i>International Journal of Heat and Mass Transfer</i> , 2020, 151, 119285.	4.8	13

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109	Directly Linking Low-Angle Grain Boundary Misorientation to Device Functionality for GaAs Grown on Flexible Metal Substrates. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 10664-10672.	8.0	4
110	Amorphous polymerization of nitrogen in compressed cupric azide. <i>Journal of Computational Chemistry</i> , 2020, 41, 1026-1033.	3.3	2
111	Tantalum disulfide quantum dots: preparation, structure, and properties. <i>Nanoscale Research Letters</i> , 2020, 15, 20.	5.7	15
112	Recent advances of long noncoding RNAs involved in the development of multiple sclerosis. <i>Chinese Journal of Natural Medicines</i> , 2020, 18, 36-46.	1.3	8
113	A hybrid back-propagation neural network and intelligent algorithm combined algorithm for optimizing microcellular foaming injection molding process parameters. <i>Journal of Manufacturing Processes</i> , 2020, 50, 528-538.	5.9	25
114	A new SERS substrate of self-assembled monolayer film of gold nanoparticles on silicon wafer for the rapid detection of polycyclic aromatic hydrocarbons. <i>Materials Chemistry and Physics</i> , 2020, 250, 122994.	4.0	26
115	Neutron diffraction study of crystal structure and temperature driven molecular reorientation in solid $\text{I}\pm\text{CO}$. <i>AIP Advances</i> , 2020, 10, 045301.	1.3	4
116	Colletotrichum species causing leaf spot diseases of <i>Liriope cymbidomorpha</i> (ined.) in China. <i>Australasian Plant Pathology</i> , 2020, 49, 137-139.	1.0	6
117	Phosphonic acid loaded covalent imine networks for proton-conducting membranes. <i>Polymer</i> , 2020, 201, 122632.	3.8	10
118	Effect of POE on mechanical properties and cellular structure of PP/Nano- CaCO_3 composites in IMD/MIM process. <i>Materials Research Express</i> , 2020, 7, 095308.	1.6	7
119	Computer Vision with Deep Learning for Plant Phenotyping in Agriculture: A Survey. , 2020, , .		15
120	Global Wheat Head Detection (GWHD) Dataset: A Large and Diverse Dataset of High-Resolution RGB-Labelled Images to Develop and Benchmark Wheat Head Detection Methods. <i>Plant Phenomics</i> , 2020, 2020, 3521852.	5.9	128
121	Automated Thalamus Segmentation in MR Images Using Convolutional Networks. , 2020, , .		0
122	Lipid biomarkers in suspended particulate matter and surface sediments in the Pearl River Estuary, a subtropical estuary in southern China. <i>Science of the Total Environment</i> , 2019, 646, 416-426.	8.0	42
123	Organosulfides: An Emerging Class of Cathode Materials for Rechargeable Lithium Batteries. <i>Accounts of Chemical Research</i> , 2019, 52, 2290-2300.	15.6	177
124	Automatic estimation of heading date of paddy rice using deep learning. <i>Plant Methods</i> , 2019, 15, 76.	4.3	64
125	ZYZ-803 Mitigates Endoplasmic Reticulum Stress-Related Necroptosis after Acute Myocardial Infarction through Downregulating the RIP3-CaMKII Signaling Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-18.	4.0	32
126	Light-Driven Active Proton Transport through Photoacid- and Photobase-Doped Janus Graphene Oxide Membranes. <i>Advanced Materials</i> , 2019, 31, e1903029.	21.0	70

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127	Mechanism of Bubble Formation in a Combined In-Mold Decoration and Microcellular Foaming Injection Molding Process. <i>Fibers and Polymers</i> , 2019, 20, 1526-1537.	2.1	14
128	Launch and impact characteristics of typical multi-layered flyers driven by ns-pulsed laser. <i>Optics and Laser Technology</i> , 2019, 120, 105709.	4.6	8
129	Theoretical studies of pentazole-based compounds with high detonation performance. <i>Journal of Energetic Materials</i> , 2019, 37, 433-444.	2.0	11
130	Volcano Curves for in Silico Prediction of Mono- and Bifunctional Catalysts: Application to Ammonia Decomposition. <i>Journal of Physical Chemistry C</i> , 2019, 123, 27097-27104.	3.1	8
131	An innovative sensor for hydroxylamine determination: Using molybdenum hybrid zeolitic imidazolate framework-conducting polymer composite as electrocatalyst. <i>Electrochimica Acta</i> , 2019, 327, 134945.	5.2	12
132	Hydrothermal Synthesis of NiCo ₂ O ₄ /CoMoO ₄ Nanocomposite as a High-Performance Electrode Material for Hybrid Supercapacitors. <i>ChemElectroChem</i> , 2019, 6, 4645-4652.	3.4	12
133	Highly Efficient Ionic Photocurrent Generation through WS ₂ -Based 2D Nanofluidic Channels. <i>Small</i> , 2019, 15, e1905355.	10.0	41
134	Biodegradable Mesoporous Silica Achieved via Carbon Nanodots-Incorporated Framework Swelling for Debris-Mediated Photothermal Synergistic Immunotherapy. <i>Nano Letters</i> , 2019, 19, 8409-8417.	9.1	79
135	Investigation of the Electronic Structure of CdS Nanoparticles with Sum Frequency Generation and Photoluminescence Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2019, 123, 27712-27716.	3.1	12
136	Human IL-23R Cytokine-Binding Homology Region-Fc Fusion Protein Ameliorates Psoriasis via the Decrease of Systemic Th17 and ILC3 Cell Responses. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4170.	4.1	10
137	Electrocoalescence of liquid marbles driven by embedded electrodes for triggering bioreactions. <i>Lab on A Chip</i> , 2019, 19, 3526-3534.	6.0	16
138	Direct immobilization of an atomically dispersed Pt catalyst by suppressing heterogeneous nucleation at 40 °C. <i>Journal of Materials Chemistry A</i> , 2019, 7, 25779-25784.	10.3	61
139	Surface-engineered vanadium nitride nanosheets for an imaging-guided photothermal/photodynamic platform of cancer treatment. <i>Nanoscale</i> , 2019, 11, 1968-1977.	5.6	29
140	Sn _x WO ₃ as a theranostic platform for realizing multi-imaging-guided photothermal/photodynamic combination therapy. <i>Nanoscale</i> , 2019, 11, 3300-3310.	5.6	21
141	Calculations of defect states in various sizes of InN nanowires. <i>Nanotechnology</i> , 2019, 30, 205705.	2.6	0
142	Ultralow-temperature photochemical synthesis of atomically dispersed Pt catalysts for the hydrogen evolution reaction. <i>Chemical Science</i> , 2019, 10, 2830-2836.	7.4	82
143	Construct of MoSe ₂ /Bi ₂ Se ₃ nanoheterostructure: Multimodal CT/PT imaging-guided PTT/PDT/chemotherapy for cancer treating. <i>Biomaterials</i> , 2019, 217, 119282.	11.4	119
144	Pixel size of aerial imagery constrains the applications of unmanned aerial vehicle in crop breeding. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2019, 154, 1-9.	11.1	41

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