

Feng Gao

List of Publications by Year in descending order

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200
papers

6,798
citations

57758

44
h-index

79698

73
g-index

204
all docs

204
docs citations

204
times ranked

8752
citing authors

#	ARTICLE	IF	CITATIONS
1	Petrogenesis and tectonic setting of the early-middle triassic subduction-related granite in the eastern segment of East Kunlun: evidences from petrology, geochemistry, and zircon U-Pb-Hf isotopes. <i>International Geology Review</i> , 2022, 64, 698-721.	2.1	8
2	All- ϵ polymer solar cells with over 16% efficiency and enhanced stability enabled by compatible solvent and polymer additives. <i>Aggregate</i> , 2022, 3, e58.	9.9	85
3	Interfacial electronic modulation of CoP-CoO p-p type heterojunction for enhancing oxygen evolution reaction. <i>Journal of Colloid and Interface Science</i> , 2022, 607, 1343-1352.	9.4	39
4	The PERK/PKR-eIF2 β Pathway Negatively Regulates Porcine Hemagglutinating Encephalomyelitis Virus Replication by Attenuating Global Protein Translation and Facilitating Stress Granule Formation. <i>Journal of Virology</i> , 2022, 96, JVI0169521.	3.4	15
5	Core-shell Cu@C@ZIF-8 composite: a high-performance electrode material for electrochemical sensing of nitrite with high selectivity and sensitivity. <i>Nanotechnology</i> , 2022, 33, 225501.	2.6	7
6	Preparation of quaternized chitosan/Ag composite nanogels in inverse miniemulsions for durable and antimicrobial cotton fabrics. <i>Carbohydrate Polymers</i> , 2022, 278, 118935.	10.2	27
7	Cell-surface glycans act as attachment factors for porcine hemagglutinating encephalomyelitis virus. <i>Veterinary Microbiology</i> , 2022, 265, 109315.	1.9	3
8	Excellent catalytic properties of luminescent Cu ₂ S nanozymes and their antibacterial applications. <i>Chemical Communications</i> , 2022, 58, 2995-2998.	4.1	5
9	pH-Responsive Fluorescent Polymer-Drug System for Real-Time Detection and <i>In Situ</i> Eradication of Bacterial Biofilms. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 893-902.	5.2	8
10	Utility of 7,8-dihydroxyflavone in preventing astrocytic and synaptic deficits in the hippocampus elicited by PTSD. <i>Pharmacological Research</i> , 2022, 176, 106079.	7.1	23
11	Ultrasensitive electrochemical biosensor for protein detection based on target-triggering cascade enzyme-free signal amplification strategy. <i>Analytica Chimica Acta</i> , 2022, 1202, 339675.	5.4	3
12	Porphyrin decorated Cu ₂ O nanocrystals for electroanalytical detection of S-Nitrosothiols. <i>Analytica Chimica Acta</i> , 2022, 1202, 339687.	5.4	1
13	Dual-Targeting into the Mitochondria of Cancer Cells for Ratiometric Investigation of the Dynamic Fluctuation of Sulfur Dioxide and Formaldehyde with Two-Photon Integrated Semiconducting Polymer Dots. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 179-190.	8.0	14
14	Easy Fabrication of Amorphous Covalent Organic Nanospheres Using Schiff-Base Chemistry for Iodine Capture. <i>Chemistry - an Asian Journal</i> , 2022, 17, .	3.3	3
15	Versatile metal organic frameworks as catalysis and indicator of nitric oxide. <i>Journal of Materials Chemistry B</i> , 2022, , .	5.8	1
16	Performance enhancement of a self-powered imaging CsPbBr ₃ photodetector by tuning the trap effects of carriers. <i>Journal of Materials Chemistry C</i> , 2022, 10, 7460-7468.	5.5	7
17	Microtubule depolymerization limits porcine betacoronavirus PHEV replication. <i>Veterinary Microbiology</i> , 2022, 269, 109448.	1.9	0
18	Reconfigurable self-powered imaging photodetectors by reassembling and disassembling ZnO/perovskite heterojunctions. <i>Journal of Materials Chemistry C</i> , 2022, 10, 8922-8930.	5.5	15

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19	Terpyridyl ruthenium complexes as visible spectral probe for poly(A) RNA and bifunctional TAR RNA binders and HIV-1 reverse transcriptase inhibitors. <i>Inorganica Chimica Acta</i> , 2022, 539, 121027.	2.4	3
20	Polypyridyl ruthenium complexes as bifunctional TAR RNA binders and HIV-1 reverse transcriptase inhibitors. <i>Journal of Inorganic Biochemistry</i> , 2022, 234, 111880.	3.5	6
21	Scorpion-Shaped Zinc Porphyrins as Tetrafunctional TAR RNA Predators and HIV-1 Reverse Transcriptase Inhibitors. <i>Inorganic Chemistry</i> , 2022, 61, 10774-10780.	4.0	3
22	Porcine haemagglutinating encephalomyelitis virus deactivates transcription factor IRF3 and limits type I interferon production. <i>Veterinary Microbiology</i> , 2021, 252, 108918.	1.9	4
23	A metal-organic framework with multienzyme activity as a biosensing platform for real-time electrochemical detection of nitric oxide and hydrogen peroxide. <i>Analyst</i> , 2021, 146, 2609-2616.	3.5	17
24	A photostable reaction-based A type two-photon fluorescent probe for rapid detection and imaging of sulfur dioxide. <i>Journal of Materials Chemistry B</i> , 2021, 9, 3554-3562.	5.8	14
25	Synthesis of carboxy-cyclobutane isomers combining an amide bond and self-assembly of coordination polymers in the solid state: controlling the reaction site of [2 + 2] cycloaddition by introducing a substituent group. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 1997-2007.	6.0	8
26	Dipolar HCP materials as alternatives to DMF solvent for azide-based synthesis. <i>Green Chemistry</i> , 2021, 23, 7499-7505.	9.0	7
27	Replacing halogenated solvents by a butyl acetate solution of bisphenol S in the transformations of indoles. <i>Green Chemistry</i> , 2021, 23, 3588-3594.	9.0	9
28	MSNs-Based Nanocomposite for Biofilm Imaging and NIR-Activated Chem/Photothermal/Photodynamic Combination Therapy. <i>ACS Applied Bio Materials</i> , 2021, 4, 2810-2820.	4.6	11
29	Au Nanocrystals@Defective Amorphous MnO ₂ Nanosheets Core/Shell Nanostructure with Effective CO ₂ Adsorption and Activation toward CO ₂ Electroreduction to CO. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 5230-5239.	6.7	24
30	Porcine hemagglutinating encephalomyelitis virus induces atypical autophagy via opposite regulation of expression and nuclear translocation of transcription factor EB. <i>Veterinary Microbiology</i> , 2021, 255, 109015.	1.9	3
31	Ti ₃ C ₂ T _x MXene/nitrogen-doped reduced graphene oxide composite: a high-performance electrochemical sensing platform for adrenaline detection. <i>Nanotechnology</i> , 2021, 32, 265501.	2.6	19
32	Discovery of Early Paleozoic Garnet Amphibolite in the Wenquan Complex, Northern Margin of the Yili Block, NW China. <i>Acta Geologica Sinica</i> , 2021, 95, 696-698.	1.4	1
33	Ultrasmall Pt Nanoparticles-Loaded Crystalline MoO ₂ /Amorphous Ni(OH) ₂ Hybrid Nanofilms with Enhanced Water Dissociation and Sufficient Hydrogen Spillover for Hydrogen Generation. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 8257-8269.	6.7	18
34	Effects of salinity on pollutant removal and bacterial community in a partially saturated vertical flow constructed wetland. <i>Bioresource Technology</i> , 2021, 329, 124890.	9.6	32
35	Host factor cyclophilin B affects Orf virus replication by interacting with viral ORF058 protein. <i>Veterinary Microbiology</i> , 2021, 258, 109099.	1.9	2
36	The vertical heterogeneity of soil detachment by overland flow on the water-level fluctuation zone slope in the Three Gorges Reservoir, China. <i>Hydrological Processes</i> , 2021, 35, e14282.	2.6	7

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37	Br-Doped CuO Multilamellar Mesoporous Nanosheets with Oxygen Vacancies and Cetyltrimethyl Ammonium Cations Adsorption for Optimizing Intermediate Species and Their Adsorption Behaviors toward CO ₂ Electroreduction to Ethanol with a High Faradaic Efficiency. <i>Inorganic Chemistry</i> , 2021, 60, 14371-14381.	4.0	12
38	The Change Characteristics of Potential Habitat and Fishing Season for Neon Flying Squid in the Northwest Pacific Ocean under Future Climate Change Scenarios. <i>Marine and Coastal Fisheries</i> , 2021, 13, 450-462.	1.4	7
39	General Strategy to Achieve Color-Tunable Ratiometric Two-Photon Integrated Single Semiconducting Polymer Dot for Imaging Hypochlorous Acid. <i>ACS Nano</i> , 2021, 15, 13633-13645.	14.6	21
40	UV-enhanced oxidative quenching of PFO@PFPV Pdots for ratiometric quantification and imaging of hypochlorous acid in living cells. <i>Journal of Materials Science</i> , 2021, 56, 17732-17746.	3.7	0
41	Orf Virus ORF120 Protein Positively Regulates the NF- κ B Pathway by Interacting with G3BP1. <i>Journal of Virology</i> , 2021, 95, e0015321.	3.4	13
42	Depicting the Effects of Astragaloside IV on AD-Like Phenotypes: A Systematic and Experimental Investigation. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-21.	4.0	14
43	Dual-Emission Carbonized Polymer Dots for Ratiometric pH Sensing, pH-Dependent Generation of Singlet Oxygen, and Imaging-Guided Dynamics Monitoring of Photodynamic Therapy. <i>ACS Applied Bio Materials</i> , 2021, 4, 7663-7672.	4.6	14
44	Porcine Hemagglutinating Encephalomyelitis Virus Triggers Neural Autophagy Independently of ULK1. <i>Journal of Virology</i> , 2021, 95, e0085121.	3.4	4
45	Electrochemical biosensor based on singlet oxygen generated by molecular photosensitizers. <i>Analytica Chimica Acta</i> , 2021, 1183, 338970.	5.4	1
46	MXene@Ag-based ratiometric electrochemical sensing strategy for effective detection of carbendazim in vegetable samples. <i>Food Chemistry</i> , 2021, 360, 130006.	8.2	100
47	Technical optimization and life cycle assessment of environment-friendly superplasticizer for concrete engineering. <i>Chemosphere</i> , 2021, 281, 130955.	8.2	17
48	Singlet-oxygen generated by a metal-organic framework for electrochemical biosensing. <i>Journal of Materials Chemistry B</i> , 2021, 9, 4670-4677.	5.8	3
49	Quantitative evaluation of the non-thermal effect in microwave induced polymer curing. <i>RSC Advances</i> , 2021, 11, 3740-3750.	3.6	14
50	Prussian blue-carboxylated MWCNTs/ZIF-67 composite: a new electrochemical sensing platform for paracetamol detection with high sensitivity. <i>Nanotechnology</i> , 2021, 32, 085501.	2.6	14
51	2D leaf-like ZIF-L decorated with multi-walled carbon nanotubes as electrochemical sensing platform for sensitively detecting thiabendazole pesticide residues in fruit samples. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 7485-7494.	3.7	22
52	Ginsenoside Rg1 Prevents Cognitive Impairment and Hippocampal Neuronal Apoptosis in Experimental Vascular Dementia Mice by Promoting GPR30 Expression. <i>Neural Plasticity</i> , 2021, 2021, 1-11.	2.2	19
53	Water-soluble branched polymer for combined chemo-immunotherapy of bacterial infections. <i>Biomaterials Science</i> , 2021, 9, 8347-8355.	5.4	6
54	Evidence of Microglial Immune Response Following Coronavirus PHEV Infection of CNS. <i>Frontiers in Immunology</i> , 2021, 12, 804625.	4.8	3

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55	Operational Analyses and Control Scheme of Nine-Arm Modular Multilevel Converter. <i>IEEE Transactions on Power Electronics</i> , 2020, 35, 3416-3433.	7.9	11
56	Artificial nanozyme based on platinum nanoparticles anchored metal-organic frameworks with enhanced electrocatalytic activity for detection of telomeres activity. <i>Biosensors and Bioelectronics</i> , 2020, 149, 111838.	10.1	54
57	Paclitaxel Induces Sex-biased Behavioral Deficits and Changes in Gene Expression in Mouse Prefrontal Cortex. <i>Neuroscience</i> , 2020, 426, 168-178.	2.3	20
58	miR-142a-3p promotes the proliferation of porcine hemagglutinating encephalomyelitis virus by targeting Rab3a. <i>Archives of Virology</i> , 2020, 165, 345-354.	2.1	4
59	Cyclometalated Iridium(III) Complexes as High-Sensitivity Two-Photon Excited Mitochondria Dyes and Near-Infrared Photodynamic Therapy Agents. <i>Inorganic Chemistry</i> , 2020, 59, 14920-14931.	4.0	32
60	Evaluating the Contribution of the Physical and Biochemical Effects of Root on Detachment for the Coarse-Textured Soil from the Three Gorges Reservoir, China. <i>Eurasian Soil Science</i> , 2020, 53, 1260-1269.	1.6	4
61	Sensitive electrochemical platform for trace determination of Pb ²⁺ based on multilayer Bi-MOFs/reduced graphene oxide films modified electrode. <i>Mikrochimica Acta</i> , 2020, 187, 603.	5.0	18
62	Fabrication of Fe ₃ O ₄ @Carboxymethyl Chitosan Magnetic Particle Assembles in Inverse Miniemulsions for Loading and Release of Bovine Serum Albumin. <i>ChemistrySelect</i> , 2020, 5, 8344-8351.	1.5	3
63	Replacement strategies for non-green dipolar aprotic solvents. <i>Green Chemistry</i> , 2020, 22, 6240-6257.	9.0	102
64	An Experimental Model of Neurodegenerative Disease Based on Porcine Hemagglutinating Encephalomyelitis Virus-Related Lysosomal Abnormalities. <i>Molecular Neurobiology</i> , 2020, 57, 5299-5306.	4.0	10
65	Synthesis of High-Quality Multilayer Hexagonal Boron Nitride Films on Au Foils for Ultrahigh Rejection Ratio Solar-Blind Photodetection. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 28351-28359.	8.0	27
66	A near-infrared upconversion luminescence total internal reflection platform for quantitative image analysis. <i>Chemical Communications</i> , 2020, 56, 8440-8443.	4.1	8
67	MiR-10a-5p-Mediated Syndecan 1 Suppression Restricts Porcine Hemagglutinating Encephalomyelitis Virus Replication. <i>Frontiers in Microbiology</i> , 2020, 11, 105.	3.5	13
68	NiO@Ni-MOF nanoarrays modified Ti mesh as ultrasensitive electrochemical sensing platform for luteolin detection. <i>Talanta</i> , 2020, 215, 120891.	5.5	55
69	Novel electrochemical sensing platform based on a molecularly imprinted polymer-decorated 3D-multi-walled carbon nanotube intercalated graphene aerogel for selective and sensitive detection of dopamine. <i>Analytical Methods</i> , 2020, 12, 1845-1851.	2.7	34
70	Self-template synthesis of flower-like hierarchical graphene/copper oxide@copper(II) metal-organic framework composite for the voltammetric determination of caffeic acid. <i>Mikrochimica Acta</i> , 2020, 187, 258.	5.0	14
71	Morphogenetic characters of the model ciliate <i>Euplotes vannus</i> (Ciliophora, Spirotrichea): Notes on cortical pattern formation during conjugational and postconjugational reorganization. <i>European Journal of Protistology</i> , 2020, 73, 125675.	1.5	16
72	Nanozyme-Modified Metal-Organic Frameworks with Multienzymes Activity as Biomimetic Catalysts and Electrocatalytic Interfaces. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 17185-17192.	8.0	81

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73	Mxene/carbon nanohorn/ β -cyclodextrin-Metal-organic frameworks as high-performance electrochemical sensing platform for sensitive detection of carbendazim pesticide. <i>Journal of Hazardous Materials</i> , 2020, 396, 122776.	12.4	204
74	Mechanistic investigation on moisture-induced softening of poly(vinyl acetate)-stiffened polyester fabrics. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49316.	2.6	2
75	Light-activated semiconducting polymer dots as mimic oxidases with remarkable catalytic efficiency: characteristics, mechanisms, and applications. <i>Chemical Communications</i> , 2020, 56, 3035-3038.	4.1	13
76	The mechanism of the plant roots' soil-reinforcement based on generalized equivalent confining pressure. <i>PeerJ</i> , 2020, 8, e10064.	2.0	8
77	Further analyses on the evolutionary key protist Halteria (Protista, Ciliophora) based on transcriptomic data. <i>Zoologica Scripta</i> , 2019, 48, 813-825.	1.7	8
78	Further analyses on the phylogeny of the subclass Scuticociliatia (Protozoa, Ciliophora) based on both nuclear and mitochondrial data. <i>Molecular Phylogenetics and Evolution</i> , 2019, 139, 106565.	2.7	33
79	Preparation of thermoresponsive poly(N-vinylcaprolactam-co-2-methoxyethyl acrylate) nanogels via inverse miniemulsion polymerization. <i>Journal of Applied Polymer Science</i> , 2019, 136, 48237.	2.6	9
80	Insights into long-term effects of amino-functionalized multi-walled carbon nanotubes (MWCNTs-NH ₂) on the performance, enzymatic activity and microbial community of sequencing batch reactor. <i>Environmental Pollution</i> , 2019, 254, 113118.	7.5	10
81	Two-Photon Fluorescent Nanoprobe for Glutathione Sensing and Imaging in Living Cells and Zebrafish Using a Semiconducting Polymer Dots Hybrid with Dopamine and β -Cyclodextrin. <i>Analytical Chemistry</i> , 2019, 91, 12414-12421.	6.5	36
82	Sequential ortho-C-H and ipso-C-O Functionalization Using a Bifunctional Directing Group. <i>Organic Letters</i> , 2019, 21, 7928-7932.	4.6	6
83	Turn-On Fluorescence Determination of β -Glucosidase Activity Using Fluorescent Polymer Nanoparticles Formed from Polyethylenimine Cross-Linked with Hydroquinone. <i>ACS Applied Polymer Materials</i> , 2019, 1, 3057-3063.	4.4	32
84	Sequential Functionalization of meta-C-H and ipso-C-O Bonds of Phenols. <i>Journal of the American Chemical Society</i> , 2019, 141, 1903-1907.	13.7	79
85	An Fe-doped nickel selenide nanorod/nanosheet hierarchical array for efficient overall water splitting. <i>Journal of Materials Chemistry A</i> , 2019, 7, 2233-2241.	10.3	215
86	Long-term impacts of carboxyl functionalized multi-walled carbon nanotubes on the performance, microbial enzymatic activity and microbial community of sequencing batch reactor. <i>Bioresource Technology</i> , 2019, 286, 121382.	9.6	5
87	ATN-161 reduces virus proliferation in PHEV-infected mice by inhibiting the integrin β 5 β 1-FAK signaling pathway. <i>Veterinary Microbiology</i> , 2019, 233, 147-153.	1.9	16
88	Ratiometric Sensing for Alkaline Phosphatase Based on Two Independent Signals from in Situ Formed Nanohybrids of Semiconducting Polymer Nanoparticles and MnO ₂ Nanosheets. <i>ACS Omega</i> , 2019, 4, 8282-8289.	3.5	12
89	Sensitive determination of nitrite by using an electrode modified with hierarchical three-dimensional tungsten disulfide and reduced graphene oxide aerogel. <i>Mikrochimica Acta</i> , 2019, 186, 291.	5.0	16
90	Genomic characterization of two Orf virus isolates from Jilin province in China. <i>Virus Genes</i> , 2019, 55, 490-501.	1.6	13

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91	New Discovery of <i>Neocalamites</i> from the Upper Triassic Daheba Formation in West Qinling, Northwest China. <i>Acta Geologica Sinica</i> , 2019, 93, 756-757.	1.4	2
92	A Carrier Synchronization Method for Global Synchronous Pulsewidth Modulation Application Using Phase-Locked Loop. <i>IEEE Transactions on Power Electronics</i> , 2019, 34, 10720-10732.	7.9	20
93	Porcine Hemagglutinating Encephalomyelitis Virus Activation of the Integrin $\alpha 5 \beta 1$ -FAK-Cofilin Pathway Causes Cytoskeletal Rearrangement To Promote Its Invasion of N2a Cells. <i>Journal of Virology</i> , 2019, 93, .	3.4	42
94	Stress Effects on Meat Quality: A Mechanistic Perspective. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2019, 18, 380-401.	11.7	126
95	Two-Layer Global Synchronous Pulse Width Modulation Method for Attenuating Circulating Leakage Current in PV Station. <i>IEEE Transactions on Industrial Electronics</i> , 2018, 65, 8005-8017.	7.9	20
96	Fast Symmetrical Component Extraction From Unbalanced Three-Phase Signals Using Non-Nominal dq -Transformation. <i>IEEE Transactions on Power Electronics</i> , 2018, 33, 9134-9141.	7.9	11
97	Versatile Three-Dimensional Porous Cu@Cu ₂ O Aerogel Networks as Electrocatalysts and Mimicking Peroxidases. <i>Angewandte Chemie</i> , 2018, 130, 6935-6940.	2.0	36
98	Versatile Three-Dimensional Porous Cu@Cu ₂ O Aerogel Networks as Electrocatalysts and Mimicking Peroxidases. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6819-6824.	13.8	168
99	Novel polypyridyl ruthenium complexes acting as high affinity DNA intercalators, potent transcription inhibitors and antitumor reagents. <i>Journal of Inorganic Biochemistry</i> , 2018, 185, 1-9.	3.5	12
100	Degradation of bisphenol A through transition metals activating persulfate process. <i>Ecotoxicology and Environmental Safety</i> , 2018, 158, 239-247.	6.0	79
101	Effect of florfenicol on performance and microbial community of a sequencing batch biofilm reactor treating mariculture wastewater. <i>Environmental Technology (United Kingdom)</i> , 2018, 39, 363-372.	2.2	24
102	Kinetically Controlled Coprecipitation for General Fast Synthesis of Sandwiched Metal Hydroxide Nanosheets/Graphene Composites toward Efficient Water Splitting. <i>Advanced Functional Materials</i> , 2018, 28, 1704594.	14.9	91
103	A Co-doped Ni-Fe mixed oxide mesoporous nanosheet array with low overpotential and high stability towards overall water splitting. <i>Journal of Materials Chemistry A</i> , 2018, 6, 167-178.	10.3	158
104	Operation and Modulation of H7 Current-Source Inverter With Hybrid SiC and Si Semiconductor Switches. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2018, 6, 387-399.	5.4	48
105	Genomic characterization and pathogenicity of a porcine hemagglutinating encephalomyelitis virus strain isolated in China. <i>Virus Genes</i> , 2018, 54, 672-683.	1.6	10
106	Detection of Thrombin Based on Fluorescence Energy Transfer between Semiconducting Polymer Dots and BHQ-Labelled Aptamers. <i>Sensors</i> , 2018, 18, 589.	3.8	17
107	NiFe ₂ O ₄ Nanoparticles/NiFe Layered Double-Hydroxide Nanosheet Heterostructure Array for Efficient Overall Water Splitting at Large Current Densities. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 26283-26292.	8.0	219
108	Effect of magnesium oxide nanoparticles on microbial diversity and removal performance of sequencing batch reactor. <i>Journal of Environmental Management</i> , 2018, 222, 475-482.	7.8	13

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109	Ulk1 Governs Nerve Growth Factor/TrkA Signaling by Mediating Rab5 GTPase Activation in Porcine Hemagglutinating Encephalomyelitis Virus-Induced Neurodegenerative Disorders. <i>Journal of Virology</i> , 2018, 92, .	3.4	18
110	A Family of Neutral-Point-Clamped Circuits of Single-Phase PV Inverters: Generalized Principle and Implementation. <i>IEEE Transactions on Power Electronics</i> , 2017, 32, 4307-4319.	7.9	49
111	Organic semiconductor polymer nanodots as a new kind of off-on fluorescent probe for sulfide. <i>Mikrochimica Acta</i> , 2017, 184, 445-451.	5.0	14
112	Single-crystalline titanium dioxide hollow tetragonal nanocones with large exposed (1 0 1) facets for excellent photocatalysis. <i>Journal of Colloid and Interface Science</i> , 2017, 490, 420-429.	9.4	14
113	Synonymous codon usage analysis of hand, foot and mouth disease viruses: A comparative study on coxsackievirus A6, A10, A16, and enterovirus 71 from 2008 to 2015. <i>Infection, Genetics and Evolution</i> , 2017, 53, 212-217.	2.3	23
114	Electronic and Morphological Dual Modulation of Cobalt Carbonate Hydroxides by Mn Doping toward Highly Efficient and Stable Bifunctional Electrocatalysts for Overall Water Splitting. <i>Journal of the American Chemical Society</i> , 2017, 139, 8320-8328.	13.7	745
115	Ratiometric detection of copper ions and alkaline phosphatase activity based on semiconducting polymer dots assembled with rhodamine B hydrazide. <i>Biosensors and Bioelectronics</i> , 2017, 91, 70-75.	10.1	72
116	Magnetic Fe ₃ O ₄ nanoparticles induced effects on performance and microbial community of activated sludge from a sequencing batch reactor under long-term exposure. <i>Bioresource Technology</i> , 2017, 225, 377-385.	9.6	80
117	A Closed-Loop Time-Domain Analysis Method for Modular Multilevel Converter. <i>IEEE Transactions on Power Electronics</i> , 2017, 32, 7494-7508.	7.9	45
118	Long-term effects of cupric oxide nanoparticles (CuO NPs) on the performance, microbial community and enzymatic activity of activated sludge in a sequencing batch reactor. <i>Journal of Environmental Management</i> , 2017, 187, 330-339.	7.8	38
119	Methanol/Oxygen Enzymatic Biofuel Cell Using Laccase and NAD ⁺ -Dependent Dehydrogenase Cascades as Biocatalysts on Carbon Nanodots Electrodes. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 40978-40986.	8.0	39
120	Porcine Hemagglutinating Encephalomyelitis Virus Enters Neuro-2a Cells via Clathrin-Mediated Endocytosis in a Rab5-, Cholesterol-, and pH-Dependent Manner. <i>Journal of Virology</i> , 2017, 91, .	3.4	38
121	A Mitochondria-Targeted Ratiometric Biosensor for pH Monitoring and Imaging in Living Cells with Congo-Red-Functionalized Dual-Emission Semiconducting Polymer Dots. <i>Analytical Chemistry</i> , 2017, 89, 11703-11710.	6.5	48
122	Performance evaluation and microbial community shift of a sequencing batch reactor under silica nanoparticles stress. <i>Bioresource Technology</i> , 2017, 245, 673-680.	9.6	9
123	The matrix protein of vesicular stomatitis virus inhibits host-directed transcription of target genes via interaction with the TFIIF subunit p8. <i>Veterinary Microbiology</i> , 2017, 208, 82-88.	1.9	7
124	EIF3i affects vesicular stomatitis virus growth by interacting with matrix protein. <i>Veterinary Microbiology</i> , 2017, 212, 59-66.	1.9	5
125	Long-term effects of nickel oxide nanoparticles on performance, microbial enzymatic activity, and microbial community of a sequencing batch reactor. <i>Chemosphere</i> , 2017, 169, 387-395.	8.2	23
126	A Dual-Input Central Capacitor DC/DC Converter for Distributed Photovoltaic Architectures. <i>IEEE Transactions on Industry Applications</i> , 2017, 53, 305-318.	4.9	22

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127	Induction of Atypical Autophagy by Porcine Hemagglutinating Encephalomyelitis Virus Contributes to Viral Replication. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 56.	3.9	25
128	miR-142-5p Disrupts Neuronal Morphogenesis Underlying Porcine Hemagglutinating Encephalomyelitis Virus Infection by Targeting Ulk1. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 155.	3.9	19
129	miR-21a-5p Contributes to Porcine Hemagglutinating Encephalomyelitis Virus Proliferation via Targeting CASK-Interactive Protein1 In vivo and vitro. <i>Frontiers in Microbiology</i> , 2017, 8, 304.	3.5	12
130	The evidence of porcine hemagglutinating encephalomyelitis virus induced nonsuppurative encephalitis as the cause of death in piglets. <i>PeerJ</i> , 2016, 4, e24443.	2.0	52
131	Editorial: DNA Replication Origins in Microbial Genomes. <i>Frontiers in Microbiology</i> , 2016, 6, 1545.	3.5	2
132	Development of a lateral flow immunochromatographic assay for the rapid diagnosis of Orf virus infections. <i>Journal of Virological Methods</i> , 2016, 236, 10-17.	2.1	5
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