

Feng Gao

List of Publications by Year in descending order

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200
papers

6,798
citations

57758

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79698

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204
docs citations

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times ranked

8752
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	DNA interactions of a functionalized ruthenium(II) mixed-polypyridyl complex [Ru(bpy) ₂ ppd] ₂ ⁺ . <i>Journal of Inorganic Biochemistry</i> , 2006, 100, 1487-1494.	3.5	247
3	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
4	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
5	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
6	Fabrication of defect-rich MoS ₂ ultrathin nanosheets for application in lithium-ion batteries and supercapacitors. <i>Journal of Materials Chemistry A</i> , 2015, 3, 19445-19454.	10.3	175
7	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
8	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
9	Fluorescent blood glucose monitor by hemin-functionalized graphene quantum dots based sensing system. <i>Analytica Chimica Acta</i> , 2014, 810, 71-78.	5.4	127
10	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
11	Replacement strategies for non-green dipolar aprotic solvents. <i>Green Chemistry</i> , 2020, 22, 6240-6257.	9.0	102
12	Control of hybrid AC/DC microgrid under islanding operational conditions. <i>Journal of Modern Power Systems and Clean Energy</i> , 2014, 2, 223-232.	5.4	100
13	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
14	Dithiocarbamate-modified starch derivatives with high heavy metal adsorption performance. <i>Carbohydrate Polymers</i> , 2016, 136, 30-37.	10.2	98
15	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
16	All-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
17	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
18	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

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19	Degradation of bisphenol A through transition metals activating persulfate process. <i>Ecotoxicology and Environmental Safety</i> , 2018, 158, 239-247.	6.0	79
20	Sequential Functionalization of <i>meta</i> -C-H and <i>ipso</i> -C-O Bonds of Phenols. <i>Journal of the American Chemical Society</i> , 2019, 141, 1903-1907.	13.7	79
21	Targeting topoisomerase II with the chiral DNA-intercalating ruthenium(II) polypyridyl complexes. <i>Journal of Biological Inorganic Chemistry</i> , 2007, 12, 1015-1027.	2.6	78
22	Two-Photon Semiconducting Polymer Dots with Dual-Emission for Ratiometric Fluorescent Sensing and Bioimaging of Tyrosinase Activity. <i>Analytical Chemistry</i> , 2016, 88, 7372-7377.	6.5	77
23	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
24	Synthesis, GC selective DNA binding and topoisomerase II inhibition activities of ruthenium(II) polypyridyl complex containing 11-aminopteridino[6,7-f][1,10]phenanthroline. <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 1050-1059.	3.5	70
25	Colorimetric and Phosphorimetric Dual-Signaling Strategy Mediated by Inner Filter Effect for Highly Sensitive Assay of Organophosphorus Pesticides. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 8947-8954.	5.2	69
26	Bright up-conversion green photoluminescence in Ho ³⁺ -Yb ³⁺ co-doped Bi ₄ Ti ₃ O ₁₂ ferroelectric thin films. <i>Journal of Applied Physics</i> , 2011, 109, .	2.5	62
27	Performance and microbial community of a sequencing batch biofilm reactor treating synthetic mariculture wastewater under long-term exposure to norfloxacin. <i>Bioresource Technology</i> , 2016, 222, 139-147.	9.6	62
28	Carbon nanodots-chitosan composite film: A platform for protein immobilization, direct electrochemistry and bioelectrocatalysis. <i>Biosensors and Bioelectronics</i> , 2014, 58, 351-358.	10.1	60
29	Magnetic amine-functionalized polyacrylic acid-nanomagnetite for hexavalent chromium removal from polluted water. <i>RSC Advances</i> , 2015, 5, 60208-60219.	3.6	57
30	DNA Binding, Photocleavage, and Topoisomerase Inhibition of Functionalized Ruthenium(II)-Polypyridine Complexes. <i>Chemistry and Biodiversity</i> , 2008, 5, 1962-1979.	2.1	56
31	NiO@Ni-MOF nanoarrays modified Ti mesh as ultrasensitive electrochemical sensing platform for luteolin detection. <i>Talanta</i> , 2020, 215, 120891.	5.5	55
32	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
33	Performance evaluation, microbial enzymatic activity and microbial community of a sequencing batch reactor under long-term exposure to cerium dioxide nanoparticles. <i>Bioresource Technology</i> , 2016, 220, 262-270.	9.6	53
34	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
35	In Vitro Transcription Inhibition by Ruthenium(II) Polypyridyl Complexes with Electropositive Ancillary Ligands. <i>Inorganic Chemistry</i> , 2009, 48, 5599-5601.	4.0	50
36	Herpes Simplex Virus 1 Infection of Tree Shrews Differs from That of Mice in the Severity of Acute Infection and Viral Transcription in the Peripheral Nervous System. <i>Journal of Virology</i> , 2016, 90, 790-804.	3.4	49

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37	A Family of Neutral-Point-Clamped Circuits of Single-Phase PV Inverters: Generalized Principle and Implementation. IEEE Transactions on Power Electronics, 2017, 32, 4307-4319.	7.9	49
38	A Mitochondria-Targeted Ratiometric Biosensor for pH Monitoring and Imaging in Living Cells with Congo-Red-Functionalized Dual-Emission Semiconducting Polymer Dots. Analytical Chemistry, 2017, 89, 11703-11710.	6.5	48
39	Operation and Modulation of H7 Current-Source Inverter With Hybrid SiC and Si Semiconductor Switches. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2018, 6, 387-399.	5.4	48
40	pH responsive "off-on" luminescent switch of a novel ruthenium(II) complex [Ru(bpy) ₂ (pipipH ₂)] ²⁺ . Inorganic Chemistry Communication, 2007, 10, 170-173.	3.9	47
41	Global Synchronous Pulse Width Modulation of Distributed Inverters. IEEE Transactions on Power Electronics, 2016, 31, 6237-6253.	7.9	47
42	Strong upconversion luminescence properties of Yb ³⁺ and Er ³⁺ codoped Bi ₄ Ti ₃ O ₁₂ ferroelectric thin films. Journal of Applied Physics, 2009, 106, 126104.	2.5	46
43	A Voltage Detection Method for the Voltage Ride-Through Operation of Renewable Energy Generation Systems Under Grid Voltage Distortion Conditions. IEEE Transactions on Sustainable Energy, 2015, 6, 1131-1139.	8.8	45
44	A Closed-Loop Time-Domain Analysis Method for Modular Multilevel Converter. IEEE Transactions on Power Electronics, 2017, 32, 7494-7508.	7.9	45
45	Covalent Surface Functionalization of Semiconducting Polymer Dots with β -Cyclodextrin for Fluorescent Ratiometric Assay of Cholesterol through Host-Guest Inclusion and FRET. Langmuir, 2016, 32, 12725-12731.	3.5	43
46	Porcine Hemagglutinating Encephalomyelitis Virus Activation of the Integrin α 5 β 1-FAK-Cofilin Pathway Causes Cytoskeletal Rearrangement To Promote Its Invasion of N2a Cells. Journal of Virology, 2019, 93, .	3.4	42
47	Methanol/Oxygen Enzymatic Biofuel Cell Using Laccase and NAD ⁺ -Dependent Dehydrogenase Cascades as Biocatalysts on Carbon Nanodots Electrodes. ACS Applied Materials & Interfaces, 2017, 9, 40978-40986.	8.0	39
48	Interfacial electronic modulation of CoP-CoO p-p type heterojunction for enhancing oxygen evolution reaction. Journal of Colloid and Interface Science, 2022, 607, 1343-1352.	9.4	39
49	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. Journal of Environmental Management, 2017, 187, 330-339.	7.8	38
50	Porcine Hemagglutinating Encephalomyelitis Virus Enters Neuro-2a Cells via Clathrin-Mediated Endocytosis in a Rab5-, Cholesterol-, and pH-Dependent Manner. Journal of Virology, 2017, 91, .	3.4	38
51	Versatile Three-Dimensional Porous Cu@Cu ₂ O Aerogel Networks as Electrocatalysts and Mimicking Peroxidases. Angewandte Chemie, 2018, 130, 6935-6940.	2.0	36
52	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. Analytical Chemistry, 2019, 91, 12414-12421.	6.5	36
53	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. Analytical Methods, 2020, 12, 1845-1851.	2.7	34
54	Effect of ancillary ligands on the topoisomerases II and transcription inhibition activity of polypyridyl ruthenium(II) complexes. Journal of Inorganic Biochemistry, 2010, 104, 576-582.	3.5	33

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55	Bright up-conversion photoluminescence of Bi ³⁺ /Er ³⁺ /TiO ₂ ferroelectric thin films. <i>Journal of Applied Physics</i> , 2011, 109, 043106-043106-5.	2.5	33
56	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
57	Synthesis, crystal structure and DNA-binding properties of ruthenium(II) polypyridyl complexes with dicationic 2,2'-dipyridyl derivatives as ligands. <i>Polyhedron</i> , 2008, 27, 2845-2850.	2.2	32
58	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
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	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
61	Spectroscopy, NMR and DFT studies on molecular recognition of crown ether bridged chiral heterotrinnuclear salen Zn(II) complex. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 62, 886-895.	3.9	30
62	Control of Parallel-Connected Modular Multilevel Converters. <i>IEEE Transactions on Power Electronics</i> , 2015, 30, 372-386.	7.9	28
63	Protein Localization Analysis of Essential Genes in Prokaryotes. <i>Scientific Reports</i> , 2014, 4, 6001.	3.3	27
64	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
65	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
66	pH responsive luminescent switches of ruthenium(II) complexes containing two imidazole groups: Synthesis, spectroscopy, electrochemistry and theoretical calculations. <i>Inorganica Chimica Acta</i> , 2009, 362, 4960-4966.	2.4	26
67	Strong Upconversion Photoluminescence and Large Ferroelectric Polarization in Er ³⁺ /Yb ³⁺ /W ⁶⁺ Triply Substituted Bismuth Titanate Thin Films Prepared by Chemical Solution Deposition. <i>Journal of the American Ceramic Society</i> , 2011, 94, 3867-3870.	3.8	26
68	A new EV71 VP3 epitope in norovirus P particle vector displays neutralizing activity and protection in vivo in mice. <i>Vaccine</i> , 2015, 33, 6596-6603.	3.8	26
69	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
70	Synthesis, DNA Binding and Photocleavage Studies of the Ruthenium(II) Complexes [Ru(phen) ₂ (ppd)] ²⁺ and [Ru(phen)(ppd) ₂] ²⁺ (ppd=Pteridino[6,7-f] [1,10]phenanthroline) Tj ETQq 0 0 rgBT /Overlock 10 Tf 5	1.6	24
71	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
72	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

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73	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
74	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
75	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
76	Reactivation of HSV-1 following explant of tree shrew brain. <i>Journal of NeuroVirology</i> , 2016, 22, 293-306.	2.1	22
77	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
78	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
79	Synthesis, Characterization, and DNA-Binding Properties of the Chiral Ruthenium(II) Complexes $[\text{Ru}(\text{bpy})_2(\text{dmppd})]^{2+}$ (dmppd = 10,12-Dimethylpteridino[6,7-f][1,10]phenanthroline-11,13(10H,12H)-dione), <i>Tj ETC</i>		
80	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
81	Effects of intercalative ligands on the DNA binding, DNA topoisomerase II and DNA transcription inhibition of polypyridyl ruthenium(II) complexes. <i>Inorganica Chimica Acta</i> , 2011, 378, 140-147.	2.4	20
82	Structure-Activity Relationship of Polypyridyl Ruthenium(II) Complexes as DNA Intercalators, DNA Photocleavage Reagents, and DNA Topoisomerase and RNA Polymerase Inhibitors. <i>Chemistry and Biodiversity</i> , 2013, 10, 367-384.	2.1	20
83	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
84	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
85	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
86	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
87	Ti ₃ C ₂ 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
88	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
89	Synthesis, DNA-binding and photocleavage studies of cobalt(III) complexes $[\text{Co}(\text{bpy})_2(\text{dpta})]^{3+}$ and $[\text{Co}(\text{bpy})_2(\text{amtp})]^{3+}$. <i>Transition Metal Chemistry</i> , 2007, 32, 271-277.	1.4	18
90	Polypyridyl Complexes of Ruthenium(II): Stabilization of G-quadruplex DNA and Inhibition of Telomerase Activity. <i>ChemPlusChem</i> , 2012, 77, 551-562.	2.8	18

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91	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
92	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
93	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
94	Dead-time elimination method of nine-switch converter. <i>IET Power Electronics</i> , 2014, 7, 1759-1769.	2.1	17
95	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
96	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
97	Technical optimization and life cycle assessment of environment-friendly superplasticizer for concrete engineering. <i>Chemosphere</i> , 2021, 281, 130955.	8.2	17
98	ATN-161 reduces virus proliferation in PHEV-infected mice by inhibiting the integrin $\beta 5$ -FAK signaling pathway. <i>Veterinary Microbiology</i> , 2019, 233, 147-153.	1.9	16
99	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
100	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
101	Boosting the sensitivity of pH responsible luminescent switches of polypyridyl ruthenium(II) complexes by structural design. <i>Inorganic Chemistry Communication</i> , 2012, 16, 25-27.	3.9	15
102	Identification of the Replication Origins from <i>Cyanospora</i> ATCC 51142 and Their Interactions with the DnaA Protein: From In Silico to In Vitro Studies. <i>Frontiers in Microbiology</i> , 2015, 6, 1370.	3.5	15
103	Communication-less harmonic compensation in a multi-bus microgrid through autonomous control of distributed generation grid-interfacing converters. <i>Journal of Modern Power Systems and Clean Energy</i> , 2015, 3, 597-609.	5.4	15
104	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
105	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
106	Eukaryote-like Ser/Thr protein kinase PrkA modulates sporulation via regulating the transcriptional factor λ in <i>Bacillus subtilis</i> . <i>Frontiers in Microbiology</i> , 2015, 06, 382.	3.5	14
107	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
108	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

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109	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
110	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
111	Depichering 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
112	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
113	Quantitative evaluation of the non-thermal effect in microwave induced polymer curing. <i>RSC Advances</i> , 2021, 11, 3740-3750.	3.6	14
114	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
115	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
116	Gene-expression patterns in the cerebral cortex of mice infected with porcine haemagglutinating encephalomyelitis virus detected using microarray. <i>Journal of General Virology</i> , 2014, 95, 2192-2203.	2.9	13
117	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
118	Genomic characterization of two Orf virus isolates from Jilin province in China. <i>Virus Genes</i> , 2019, 55, 490-501.	1.6	13
119	MiR-10a-5p-Mediated Syndecan 1 Suppression Restricts Porcine Hemagglutinating Encephalomyelitis Virus Replication. <i>Frontiers in Microbiology</i> , 2020, 11, 105.	3.5	13
120	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
121	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
122	Chitosan assisted synthesis of 3D graphene@Au nanosheet composites: catalytic reduction of 4-nitrophenol. <i>RSC Advances</i> , 2015, 5, 79456-79462.	3.6	12
123	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
124	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
125	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
126	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

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127	Selective Binding and Reverse Transcription Inhibition of Single-Strand poly(A) RNA by Metal TMPyP Complexes. <i>Inorganic Chemistry</i> , 2014, 53, 10015-10017.	4.0	11
128	Graphene oxide-stimulated acoustic attenuating performance of tungsten based epoxy films. <i>Journal of Materials Chemistry C</i> , 2015, 3, 10848-10855.	5.5	11
129	Fast Symmetrical Component Extraction From Unbalanced Three-Phase Signals Using Non-Nominal α -Transformation. <i>IEEE Transactions on Power Electronics</i> , 2018, 33, 9134-9141.	7.9	11
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