

You-Nian Liu

List of Publications by Year in descending order

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294
papers

13,127
citations

23567

58
h-index

38395

95
g-index

297
all docs

297
docs citations

297
times ranked

16661
citing authors

#	ARTICLE	IF	CITATIONS
1	Black Phosphorus Nanosheet-Based Drug Delivery System for Synergistic Photodynamic/Photothermal/Chemotherapy of Cancer. <i>Advanced Materials</i> , 2017, 29, 1603864.	21.0	793
2	Hemin-Graphene Hybrid Nanosheets with Intrinsic Peroxidase-like Activity for Label-free Colorimetric Detection of Single-Nucleotide Polymorphism. <i>ACS Nano</i> , 2011, 5, 1282-1290.	14.6	564
3	Cell Membrane Camouflaged Hollow Prussian Blue Nanoparticles for Synergistic Photothermal/Chemotherapy of Cancer. <i>Advanced Functional Materials</i> , 2017, 27, 1605795.	14.9	285
4	Black Phosphorus Nanosheets as a Neuroprotective Nanomedicine for Neurodegenerative Disorder Therapy. <i>Advanced Materials</i> , 2018, 30, 1703458.	21.0	266
5	In situ sprayed NIR-responsive, analgesic black phosphorus-based gel for diabetic ulcer treatment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 28667-28677.	7.1	244
6	Artificial Enzyme Catalyzed Cascade Reactions: Antitumor Immunotherapy Reinforced by NIR Light. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17425-17432.	13.8	214
7	Ferrocenyl Phenylalanine: A New Strategy Toward Supramolecular Hydrogels with Multistimuli Responsive Properties. <i>Journal of the American Chemical Society</i> , 2013, 135, 13379-13386.	13.7	202
8	Fluorescent silver nanoclusters in hybridized DNA duplexes for the turn-on detection of Hg ²⁺ ions. <i>Chemical Communications</i> , 2011, 47, 11065.	4.1	172
9	Flotation separation of waste plastics for recycling-A review. <i>Waste Management</i> , 2015, 41, 28-38.	7.4	172
10	Gelatin-Based Hydrogels Blended with Gellan as an Injectable Wound Dressing. <i>ACS Omega</i> , 2018, 3, 4766-4775.	3.5	158
11	Flexible Supercapacitor Based on Organohydrogel Electrolyte with Long-Term Anti-Freezing and Anti-Drying Property. <i>Advanced Functional Materials</i> , 2020, 30, 2007291.	14.9	152
12	Preparation and characterization of ZrO ₂ :Eu ³⁺ phosphors. <i>Journal of Alloys and Compounds</i> , 2004, 381, 266-271.	5.5	142
13	MOF-Templated Fabrication of Hollow Co ₄ N@N-Doped Carbon Porous Nanocages with Superior Catalytic Activity. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 7191-7200.	8.0	130
14	Helically Chiral Ferrocene Peptides Containing 1-Aminoferrocene-1-Carboxylic Acid Subunits as Turn Inducers. <i>Chemistry - A European Journal</i> , 2006, 12, 4965-4980.	3.3	127
15	Self-Powered Sensor for Trace Hg ²⁺ Detection. <i>Analytical Chemistry</i> , 2011, 83, 3968-3972.	6.5	121
16	Dual Roles of Protein as a Template and a Sulfur Provider: A General Approach to Metal Sulfides for Efficient Photothermal Therapy of Cancer. <i>Small</i> , 2018, 14, 1702529.	10.0	120
17	An alloy chemistry strategy to tailoring the d-band center of Ni by Cu for efficient and selective catalytic hydrogenation of furfural. <i>Journal of Catalysis</i> , 2020, 383, 172-180.	6.2	119
18	Two dimensional semiconductors for ultrasound-mediated cancer therapy: the case of black phosphorus nanosheets. <i>Chemical Communications</i> , 2018, 54, 2874-2877.	4.1	114

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19	Construction of Bio-Piezoelectric Platforms: From Structures and Synthesis to Applications. <i>Advanced Materials</i> , 2021, 33, e2008452.	21.0	114
20	Mass concentration and health risk assessment of heavy metals in size-segregated airborne particulate matter in Changsha. <i>Science of the Total Environment</i> , 2015, 517, 215-221.	8.0	108
21	A black phosphorus based synergistic antibacterial platform against drug resistant bacteria. <i>Journal of Materials Chemistry B</i> , 2018, 6, 6302-6310.	5.8	105
22	Synthesis of Triazine-Based Porous Organic Polymers Derived N-Enriched Porous Carbons for CO ₂ Capture. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 2856-2865.	3.7	102
23	2D Monoelemental Germanene Quantum Dots: Synthesis as Robust Photothermal Agents for Photonic Cancer Nanomedicine. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13405-13410.	13.8	102
24	Triazine-based hyper-cross-linked polymers derived porous carbons for CO ₂ capture. <i>Chemical Engineering Journal</i> , 2018, 339, 509-518.	12.7	99
25	Surface-Enhanced Raman Detection of Melamine on Silver-Nanoparticle-Decorated Silver/Carbon Nanospheres: Effect of Metal Ions. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 3091-3096.	8.0	97
26	Carbazole-decorated covalent triazine frameworks: Novel nonmetal catalysts for carbon dioxide fixation and oxygen reduction reaction. <i>Journal of Catalysis</i> , 2018, 362, 1-9.	6.2	96
27	Binding of β -synuclein with Fe(III) and with Fe(II) and biological implications of the resultant complexes. <i>Journal of Inorganic Biochemistry</i> , 2010, 104, 365-370.	3.5	94
28	Theory-Guided Regulation of FeN ₄ Spin State by Neighboring Cu Atoms for Enhanced Oxygen Reduction Electrocatalysis in Flexible Metal-Air Batteries. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	93
29	Integrated Self-Powered Microchip Biosensor for Endogenous Biological Cyanide. <i>Analytical Chemistry</i> , 2010, 82, 4283-4287.	6.5	92
30	Development of high performance of Co/Fe/N/CNT nanocatalyst for oxygen reduction in microbial fuel cells. <i>Talanta</i> , 2010, 81, 444-448.	5.5	92
31	Organometallic Gold(III) Complexes Similar to Tetrahydroisoquinoline Induce ER-Stress-Mediated Apoptosis and Pro-Death Autophagy in A549 Cancer Cells. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 3478-3490.	6.4	90
32	Protein hydrogel networks: A unique approach to heteroatom self-doped hierarchically porous carbon structures as an efficient ORR electrocatalyst in both basic and acidic conditions. <i>Applied Catalysis B: Environmental</i> , 2019, 246, 89-99.	20.2	90
33	N-rich porous organic polymers based on Schiff base reaction for CO ₂ capture and mercury(II) adsorption. <i>Journal of Colloid and Interface Science</i> , 2021, 587, 121-130.	9.4	89
34	A Cascade Nanozyme with Amplified Sonodynamic Therapeutic Effects through Comodulation of Hypoxia and Immunosuppression against Cancer. <i>ACS Nano</i> , 2022, 16, 485-501.	14.6	88
35	Molecularly imprinted electrochemical sensor based on a reduced graphene modified carbon electrode for tetrabromobisphenol A detection. <i>Analyst</i> , The, 2013, 138, 2769.	3.5	87
36	Nafion/TiO ₂ hybrid membrane fabricated via hydrothermal method for vanadium redox battery. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 1577-1584.	2.5	85

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37	Theranostic magnetoliposomes coated by carboxymethyl dextran with controlled release by low-frequency alternating magnetic field. <i>Carbohydrate Polymers</i> , 2015, 118, 209-217.	10.2	85
38	CO ₂ capture by nitrogen-doped porous carbons derived from nitrogen-containing hyper-cross-linked polymers. <i>Journal of Colloid and Interface Science</i> , 2018, 513, 304-313.	9.4	85
39	A sensitive NADH and glucose biosensor tuned by visible light based on thionine bridged carbon nanotubes and gold nanoparticles multilayer. <i>Biosensors and Bioelectronics</i> , 2008, 24, 951-957.	10.1	83
40	SPPEK/TPA composite membrane as a separator of vanadium redox flow battery. <i>Journal of Membrane Science</i> , 2013, 437, 114-121.	8.2	82
41	Fabrication of Biopolymeric Complex Coacervation Core Micelles for Efficient Tea Polyphenol Delivery via a Green Process. <i>Langmuir</i> , 2012, 28, 14553-14561.	3.5	80
42	Separation of polyethylene terephthalate from municipal waste plastics by froth flotation for recycling industry. <i>Waste Management</i> , 2015, 35, 42-47.	7.4	78
43	Fabrication and photocatalytic properties of spheres-in-spheres ZnO/ZnAl ₂ O ₄ composite hollow microspheres. <i>Applied Surface Science</i> , 2013, 268, 237-245.	6.1	76
44	Triazine-based hyper-cross-linked polymers with inorganic-organic hybrid framework derived porous carbons for CO ₂ capture. <i>Chemical Engineering Journal</i> , 2018, 353, 1-14.	12.7	75
45	Biomimetic Mineralization Guided One-Pot Preparation of Gold Clusters Anchored Two-Dimensional MnO ₂ Nanosheets for Fluorometric/Magnetic Bimodal Sensing. <i>Analytical Chemistry</i> , 2018, 90, 2926-2932.	6.5	74
46	Pretreatment of copper anode slime with alkaline pressure oxidative leaching. <i>International Journal of Mineral Processing</i> , 2014, 128, 48-54.	2.6	73
47	Photostable core-shell CdS/ZIF-8 composite for enhanced photocatalytic reduction of CO ₂ . <i>Applied Surface Science</i> , 2019, 498, 143899.	6.1	72
48	Sensitive immunosensor for tumor necrosis factor α based on dual signal amplification of ferrocene modified self-assembled peptide nanowire and glucose oxidase functionalized gold nanorod. <i>Biosensors and Bioelectronics</i> , 2013, 39, 215-219.	10.1	71
49	Phenol-modified hyper-cross-linked resins with almost all micro/mesopores and their adsorption to aniline. <i>Journal of Colloid and Interface Science</i> , 2017, 487, 31-37.	9.4	70
50	Near-infrared light-responsive hydrogels <i>via</i> peroxide-decorated MXene-initiated polymerization. <i>Chemical Science</i> , 2019, 10, 10765-10771.	7.4	70
51	Hydrothermal synthesis and characterization of YVO ₄ -based phosphors doped with Eu ³⁺ ion. <i>Materials Research Bulletin</i> , 2006, 41, 158-166.	5.2	67
52	SPPEK/WO ₃ hybrid membrane fabricated via hydrothermal method for vanadium redox flow battery. <i>Electrochemistry Communications</i> , 2012, 17, 30-33.	4.7	67
53	A biofuel cell with enhanced performance by multilayer biocatalyst immobilized on highly ordered macroporous electrode. <i>Biosensors and Bioelectronics</i> , 2008, 24, 329-333.	10.1	66
54	Combination of biological pretreatment with NaOH/Urea pretreatment at cold temperature to enhance enzymatic hydrolysis of rice straw. <i>Bioresource Technology</i> , 2015, 198, 725-731.	9.6	66

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55	Preparation of Fe ₃ O ₄ nanoparticles with adjustable morphology. <i>Journal of Alloys and Compounds</i> , 2009, 475, 898-902.	5.5	64
56	Coating nanofiber scaffolds with beta cell membrane to promote cell proliferation and function. <i>Nanoscale</i> , 2016, 8, 10364-10370.	5.6	63
57	Recent progress in the development of fluorescent probes for hydrazine. <i>Luminescence</i> , 2018, 33, 816-836.	2.9	63
58	Mitochondria-targeted platinum(II) complexes induce apoptosis-dependent autophagic cell death mediated by ER-stress in A549 cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2018, 155, 639-650.	5.5	61
59	Electrochemiluminescence detection of NADH and ethanol based on partial sulfonation of sol-gel network with gold nanoparticles. <i>Biosensors and Bioelectronics</i> , 2009, 24, 2273-2276.	10.1	59
60	Biomass-derived N-doped porous carbon: an efficient metal-free catalyst for methylation of amines with CO ₂ . <i>Green Chemistry</i> , 2019, 21, 6252-6257.	9.0	59
61	Marriage of artificial catalase and black phosphorus nanosheets for reinforced photodynamic antitumor therapy. <i>Journal of Materials Chemistry B</i> , 2018, 6, 2057-2064.	5.8	58
62	MOFs-derived nitrogen-doped carbon interwoven with carbon nanotubes for high sulfur content lithium-sulfur batteries. <i>Applied Surface Science</i> , 2019, 497, 143773.	6.1	58
63	Porous ZnAl ₂ O ₄ synthesized by a modified citrate technique. <i>Journal of Alloys and Compounds</i> , 2004, 376, 257-261.	5.5	57
64	Biomimetic nanothylakoids for efficient imaging-guided photodynamic therapy for cancer. <i>Chemical Communications</i> , 2018, 54, 3468-3471.	4.1	56
65	Facile synthesis of Bi/BiVO ₄ composite ellipsoids with high photocatalytic activity. <i>Dalton Transactions</i> , 2018, 47, 2602-2609.	3.3	56
66	Flower-like molybdenum disulfide/carbon nanotubes composites for high sulfur utilization and high-performance lithium-sulfur battery cathodes. <i>Applied Surface Science</i> , 2019, 473, 540-547.	6.1	56
67	A novel hydrophilic-hydrophobic magnetic interpenetrating polymer networks (IPNs) and its adsorption towards salicylic acid from aqueous solution. <i>Chemical Engineering Journal</i> , 2015, 279, 250-257.	12.7	55
68	Bi/BiVO ₄ Chainlike Hollow Microstructures: Synthesis, Characterization, and Application as Visible-Light-Active Photocatalysts. <i>ACS Applied Nano Materials</i> , 2018, 1, 2653-2661.	5.0	55
69	Carbon Nanotube-Bilirubin Oxidase Bioconjugate as a New Biofuel Cell Label for Self-Powered Immunosensor. <i>Analytical Chemistry</i> , 2014, 86, 11782-11788.	6.5	54
70	Soil vanadium pollution and microbial response characteristics from stone coal smelting district. <i>Transactions of Nonferrous Metals Society of China</i> , 2015, 25, 1271-1278.	4.2	54
71	The <i>in situ</i> synthesis of Ag/amino acid biopolymer hydrogels as mouldable wound dressings. <i>Chemical Communications</i> , 2015, 51, 15862-15865.	4.1	54
72	Atomically Dispersed Co-S-N Active Sites Anchored on Hierarchically Porous Carbon for Efficient Catalytic Hydrogenation of Nitro Compounds. <i>ACS Catalysis</i> , 2022, 12, 5786-5794.	11.2	54

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73	Hydrothermal synthesis and characterization of ZnGa ₂ O ₄ phosphors. <i>Materials Chemistry and Physics</i> , 2006, 97, 247-251.	4.0	53
74	Construction of highly ordered polyaniline nanowires and their applications in DNA sensing. <i>Biosensors and Bioelectronics</i> , 2014, 52, 422-426.	10.1	53
75	NIR light controlled release of caged hydrogen sulfide based on upconversion nanoparticles. <i>Chemical Communications</i> , 2015, 51, 9193-9196.	4.1	53
76	A membraneless biofuel cell powered by ethanol and alcoholic beverage. <i>Biosensors and Bioelectronics</i> , 2010, 26, 70-73.	10.1	52
77	Hybrid gold nanocube@silica@graphene-quantum-dot superstructures: synthesis and specific cell surface protein imaging applications. <i>Chemical Communications</i> , 2013, 49, 2503.	4.1	52
78	O-containing hyper-cross-linked polymers and porous carbons for CO ₂ capture. <i>Microporous and Mesoporous Materials</i> , 2018, 264, 104-111.	4.4	52
79	One-pot synthesis of an ionic porous organic framework for metal-free catalytic CO ₂ fixation under ambient conditions. <i>Chemical Engineering Journal</i> , 2018, 350, 867-871.	12.7	51
80	Synthesis and biological evaluation of hydroxyl-substituted Schiff-bases containing ferrocenyl moieties. <i>Dalton Transactions</i> , 2013, 42, 15678.	3.3	50
81	Synthesis, characterization and biological evaluation of a cobalt(II) complex with 5- <i>chloro</i> -8-hydroxyquinoline as anticancer agent. <i>Applied Organometallic Chemistry</i> , 2016, 30, 740-747.	3.5	50
82	An aminophosphonate ester ligand-containing platinum(II) complex induces potent immunogenic cell death <i>in vitro</i> and elicits effective anti-tumour immune responses <i>in vivo</i> . <i>Chemical Communications</i> , 2019, 55, 13066-13069.	4.1	50
83	A silk derived carbon fiber mat modified with Au@Pt urchinlike nanoparticles: A new platform as electrochemical microbial biosensor. <i>Biosensors and Bioelectronics</i> , 2010, 25, 2189-2193.	10.1	49
84	Flotation separation of polyvinyl chloride and polyethylene terephthalate plastics combined with surface modification for recycling. <i>Waste Management</i> , 2015, 45, 112-117.	7.4	49
85	Aniline modified hypercrosslinked polystyrene resins and their adsorption equilibriums, kinetics and dynamics towards salicylic acid from aqueous solutions. <i>Chemical Engineering Journal</i> , 2013, 233, 124-131.	12.7	47
86	Magnetic polar post-cross-linked resin and its adsorption towards salicylic acid from aqueous solution. <i>Chemical Engineering Journal</i> , 2015, 273, 240-246.	12.7	47
87	Preparation and characterization of porous MgO and NiO/MgO nanocomposites. <i>Applied Catalysis A: General</i> , 2004, 265, 123-128.	4.3	46
88	Redox-active thionine-graphene oxide hybrid nanosheet: One-pot, rapid synthesis, and application as a sensing platform for uric acid. <i>Analytica Chimica Acta</i> , 2013, 761, 84-91.	5.4	46
89	Advanced aqueous rechargeable lithium battery using nanoparticulate LiTi ₂ (PO ₄) ₃ /C as a superior anode. <i>Scientific Reports</i> , 2015, 5, 10733.	3.3	46
90	A benzothiazole-based fluorescent probe for hypochlorous acid detection and imaging in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 199, 189-193.	3.9	46

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91	Ag@nanoparticle-modified single Ag nanowire for detection of melamine by surface-enhanced Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , 2012, 43, 986-991.	2.5	45
92	Chemical modification of Amberlite XAD-4 by carbonyl groups for phenol adsorption from wastewater. <i>Chemical Engineering Journal</i> , 2013, 229, 20-26.	12.7	45
93	Fabrication of dopamine enveloped WO ₃ x quantum dots as single-NIR laser activated photonic nanodrug for synergistic photothermal/photodynamic therapy against cancer. <i>Chemical Engineering Journal</i> , 2020, 383, 123071.	12.7	45
94	Postfunctionalization of Porous Organic Polymers Based on Friedel-Crafts Acylation for CO ₂ and Hg ²⁺ Capture. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 36652-36659.	8.0	45
95	Flexible Wide-Temperature Zinc-Ion Battery Enabled by an Ethylene Glycol-Based Organohydrogel Electrolyte. <i>ACS Applied Energy Materials</i> , 2021, 4, 12718-12727.	5.1	45
96	Synthesis of redox-active ferrocene pyrazole conjugates and their cytotoxicity in human mammary adenocarcinoma MCF-7 cells. <i>Inorganica Chimica Acta</i> , 2005, 358, 3183-3189.	2.4	44
97	Separation of polycarbonate and acrylonitrile-butadiene-styrene waste plastics by froth flotation combined with ammonia pretreatment. <i>Waste Management</i> , 2014, 34, 2656-2661.	7.4	43
98	Cryogenic Exfoliation of 2D Stanene Nanosheets for Cancer Theranostics. <i>Nano-Micro Letters</i> , 2021, 13, 90.	27.0	43
99	Design of well-defined shell-core covalent organic frameworks/metal sulfide as an efficient Z-scheme heterojunction for photocatalytic water splitting. <i>Chemical Science</i> , 2021, 12, 16065-16073.	7.4	43
100	Bimetallic AgM (M = Pt, Pd, Au) nanostructures: synthesis and applications for surface-enhanced Raman scattering. <i>RSC Advances</i> , 2013, 3, 4391.	3.6	42
101	Low-Cost Compact Circularly Polarized Directional Antenna for Universal UHF RFID Handheld Reader Applications. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2015, 14, 1326-1329.	4.0	42
102	Novel biomass derived hierarchical porous carbon for lithium sulfur batteries. <i>Materials Letters</i> , 2018, 217, 167-170.	2.6	42
103	Shape-controlled synthesis and characterization of InVO ₄ particles. <i>Journal of Colloid and Interface Science</i> , 2006, 295, 440-444.	9.4	41
104	Additive-free solvothermal synthesis of hierarchical flower-like LiFePO ₄ /C mesocrystal and its electrochemical performance. <i>RSC Advances</i> , 2013, 3, 19366.	3.6	41
105	Hierarchical 3D nitrogen and phosphorous codoped graphene/carbon nanotubes-sulfur composite with synergistic effect for high performance of lithium-sulfur batteries. <i>Journal of Materials Science</i> , 2018, 53, 2685-2696.	3.7	41
106	2D Monoelemental Germanene Quantum Dots: Synthesis as Robust Photothermal Agents for Photonic Cancer Nanomedicine. <i>Angewandte Chemie</i> , 2019, 131, 13539-13544.	2.0	41
107	Molecular Wire-Glucose Oxidase in Supramolecular Architecture. <i>Biomacromolecules</i> , 2007, 8, 2063-2071.	5.4	40
108	To boost c-type cytochrome wire efficiency of electrogenic bacteria with Fe ₃ O ₄ /Au nanocomposites. <i>Chemical Communications</i> , 2010, 46, 7172.	4.1	40

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109	Synthesis and evaluation of ferrocenoyl pentapeptide (Fc-KLVFF) as an inhibitor of Alzheimer's A β 21-42 fibril formation in vitro. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 5818-5821.	2.2	40
110	Coordination Nanosheets of Phthalocyanine as Multifunctional Platform for Imaging-Guided Synergistic Therapy of Cancer. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 6840-6849.	8.0	40
111	Preparation and photoluminescence properties of Eu-doped - and - Ga ₂ O ₃ phosphors. <i>Solid State Communications</i> , 2007, 141, 12-16.	1.9	39
112	Self-Reporting Liposomes for Intracellular Drug Release. <i>Small</i> , 2014, 10, 1261-1265.	10.0	39
113	Tunable porosity and polarity of polar post-cross-linked resins and selective adsorption. <i>Journal of Colloid and Interface Science</i> , 2017, 487, 231-238.	9.4	39
114	Nanoparticle Li ₂ FeSiO ₄ as anode material for lithium-ion batteries. <i>Journal of Power Sources</i> , 2012, 220, 103-107.	7.8	38
115	Dynamic Protein-Metal Ion Networks: A Unique Approach to Injectable and Self-Healable Metal Sulfide/Protein Hybrid Hydrogels with High Photothermal Efficiency. <i>Chemistry - A European Journal</i> , 2018, 24, 6557-6563.	3.3	38
116	Co,N-Codoped Porous Carbon-Supported Co ₃ ZnS with Superior Activity for Nitroarene Hydrogenation. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 6118-6126.	6.7	38
117	A naphthalimide-based azo colorimetric and ratiometric probe: synthesis and its application in rapid detection of cyanide anions. <i>Analytical Methods</i> , 2014, 6, 2478.	2.7	37
118	A retrievable, water-soluble and biocompatible fluorescent probe for recognition of Cu(II) and sulfide based on a peptide receptor. <i>Talanta</i> , 2015, 143, 307-314.	5.5	37
119	Optimization of surface treatment for flotation separation of polyvinyl chloride and polyethylene terephthalate waste plastics using response surface methodology. <i>Journal of Cleaner Production</i> , 2016, 139, 866-872.	9.3	37
120	Palladium crystals of various morphologies for SERS enhancement. <i>CrystEngComm</i> , 2011, 13, 6481.	2.6	36
121	Additive-free solvothermal synthesis and Li-ion intercalation properties of dumbbell-shaped LiFePO ₄ /C mesocrystals. <i>Journal of Power Sources</i> , 2013, 239, 103-110.	7.8	36
122	Synthesis and electrochemical properties of NaV ₃ O ₈ nanoflakes as high-performance cathode for Li-ion battery. <i>RSC Advances</i> , 2014, 4, 8328.	3.6	36
123	Integrated Hydrogel Platform for Programmed Antitumor Therapy Based on Near Infrared-Triggered Hyperthermia and Vascular Disruption. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 21381-21390.	8.0	36
124	Electrochemical reaction of sulfur cathodes with Ni foam current collector in Li-S batteries. <i>Journal of Power Sources</i> , 2016, 325, 301-305.	7.8	35
125	A NIR-II light responsive hydrogel based on 2D engineered tungsten nitride nanosheets for multimode chemo/photothermal therapy. <i>Chemical Communications</i> , 2019, 55, 9471-9474.	4.1	35
126	Mixed Monolayers of Ferrocenylalkanethiol and Encapsulated Horseradish Peroxidase for Sensitive and Durable Electrochemical Detection of Hydrogen Peroxide. <i>Analytical Chemistry</i> , 2009, 81, 9985-9992.	6.5	34

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127	A novel post-cross-linked polystyrene/polyacryldiethylenetriamine (PST _{pc} /PADETA) interpenetrating polymer networks (IPNs) and its adsorption towards salicylic acid from aqueous solutions. <i>Chemical Engineering Journal</i> , 2014, 248, 216-222.	12.7	34
128	In Situ Assembly of Au Nanoclusters within Protein Hydrogel Networks. <i>Chemistry - an Asian Journal</i> , 2017, 12, 2374-2378.	3.3	34
129	Cobalt(II) 8-hydroxyquinoline complexes: structure, cytotoxicity and action mechanism. <i>MedChemComm</i> , 2016, 7, 806-812.	3.4	33
130	Hydrophobic/hydrophilic post-cross-linked polystyrene/poly (methyl acryloyl diethylenetriamine) interpenetrating polymer networks and its adsorption properties. <i>Journal of Colloid and Interface Science</i> , 2016, 463, 61-68.	9.4	33
131	A robust hybrid nanozyme@hydrogel platform as a biomimetic cascade bioreactor for combination antitumor therapy. <i>Biomaterials Science</i> , 2020, 8, 1830-1839.	5.4	33
132	A reversible competition colorimetric assay for the detection of biothiols based on ruthenium-containing complex. <i>Talanta</i> , 2013, 115, 253-257.	5.5	32
133	Fabrication of injectable CuS nanocomposite hydrogels based on UCST-type polysaccharides for NIR-triggered chemo-photothermal therapy. <i>Chemical Communications</i> , 2018, 54, 13805-13808.	4.1	32
134	Nanomessenger-Mediated Signaling Cascade for Antitumor Immunotherapy. <i>ACS Nano</i> , 2021, 15, 13188-13199.	14.6	32
135	Synthesis and luminescence properties of YVO ₄ :Dy ³⁺ nanorods. <i>Journal of Materials Processing Technology</i> , 2008, 198, 129-133.	6.3	31
136	Investigation of competitive binding of ibuprofen and salicylic acid with serum albumin by affinity capillary electrophoresis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 1934-1938.	2.3	31
137	Sulfonated poly(phthalazinone ether sulfone) membrane as a separator of vanadium redox flow battery. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 2169-2177.	2.5	31
138	Platinum nanostructures via self-assembly of an amyloid-like peptide: a novel electrocatalyst for the oxygen reduction. <i>Nanoscale</i> , 2013, 5, 2669.	5.6	31
139	Timely Inhibition of Notch Signaling by DAPT Promotes Cardiac Differentiation of Murine Pluripotent Stem Cells. <i>PLoS ONE</i> , 2014, 9, e109588.	2.5	31
140	A highly selective and ratiometric fluorescent probe for cyanide by rationally altering the susceptible H-atom. <i>Talanta</i> , 2018, 176, 234-241.	5.5	31
141	Imprinted-like biopolymeric micelles as efficient nanovehicles for curcumin delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 123, 15-22.	5.0	30
142	Hierarchical hybrid film of MnO ₂ nanoparticles/multi-walled fullerene nanotubes/graphene for highly selective sensing of hydrogen peroxide. <i>Talanta</i> , 2015, 141, 86-91.	5.5	30
143	Synthesis and highly efficient photocatalytic activity of mixed oxides derived from ZnNiAl layered double hydroxides. <i>Transactions of Nonferrous Metals Society of China</i> , 2016, 26, 2380-2389.	4.2	30
144	Kinetic studies of inhibition of the amyloid beta (1-42) aggregation using a ferrocene-tagged β -sheet breaker peptide. <i>Analytical Biochemistry</i> , 2013, 434, 292-299.	2.4	29

#	ARTICLE	IF	CITATIONS
145	An ethylenediamine-modified hypercrosslinked polystyrene resin: Synthesis, adsorption and separation properties. <i>Chemical Engineering Journal</i> , 2014, 242, 19-26.	12.7	29
146	Melamine-Based Metal-Chelating Porous Organic Polymers for Efficient CO ₂ Capture and Conversion. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 4175-4180.	2.0	29
147	A label-free sensitive method for membrane protein detection based on aptamer and AgNCs transfer. <i>Talanta</i> , 2017, 175, 470-476.	5.5	28
148	Recent progress in porous organic polymers and their application for CO ₂ capture. <i>Chinese Journal of Chemical Engineering</i> , 2022, 42, 91-103.	3.5	28
149	Carboxymethyl dextran-coated liposomes: Toward a robust drug delivery platform. <i>Soft Matter</i> , 2011, 7, 9394.	2.7	27
150	High colour purity single-phased full colour emitting white LED phosphor Sr ₂ V ₂ O ₇ ·xH ₂ O. <i>Journal Physics D: Applied Physics</i> , 2013, 46, 035104.	2.8	27
151	Lithium deficient mesoporous Li _{2-x} MnSiO ₄ with significantly improved electrochemical performance. <i>Journal of Power Sources</i> , 2014, 247, 497-502.	7.8	27
152	Separation of aluminum and plastic by metallurgy method for recycling waste pharmaceutical blisters. <i>Journal of Cleaner Production</i> , 2015, 102, 378-383.	9.3	27
153	Cytotoxicity, DNA binding and cell apoptosis induction of a zinc(II) complex of HBrQ. <i>MedChemComm</i> , 2015, 6, 2224-2231.	3.4	27
154	Fabrication of Surface Protein-Imprinted Biofuel Cell for Sensitive Self-Powered Glycoprotein Detection. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 35004-35011.	8.0	27
155	Carboxymethylated Dextran-Coated Magnetic Iron Oxide Nanoparticles for Regenerable Bioseparation. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 10187-10192.	0.9	26
156	Phenol adsorption on 1,4-dichloro-p-xylene (DCX) and 4,4'-bis(chloromethyl)-1,1'-biphenyl (BCMBP) modified XAD-4 resins from aqueous solutions. <i>Chemical Engineering Journal</i> , 2013, 222, 1-8.	12.7	26
157	Coating of carboxymethyl dextran on liposomal curcumin to improve the anticancer activity. <i>RSC Advances</i> , 2014, 4, 59211-59217.	3.6	26
158	A novel graphene oxide-wrapped sulfur composites cathode with ultra-high sulfur content for lithium-sulfur battery. <i>Applied Surface Science</i> , 2019, 493, 533-540.	6.1	26
159	Creating Coordination Mismatch in MOFs: Tuning from Pore Structure of the Derived Supported Catalysts to Their Catalytic Performance. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 5543-5551.	3.7	26
160	Multifunctional two dimensional Bi ₂ Se ₃ nanodiscs for combined antibacterial and anti-inflammatory therapy for bacterial infections. <i>Chemical Communications</i> , 2019, 55, 4877-4880.	4.1	26
161	Sensitive photoluminescent detection of Cu ²⁺ in real samples using CdS quantum dots in combination with a Cu ²⁺ -reducing reaction. <i>Biosensors and Bioelectronics</i> , 2013, 41, 723-729.	10.1	25
162	Photocatalytic degradation and inactivation of Escherichia coli by ZnO/ZnAl ₂ O ₄ with heteronanostructures. <i>Transactions of Nonferrous Metals Society of China</i> , 2014, 24, 743-749.	4.2	24

#	ARTICLE	IF	CITATIONS
163	Interfacial interactions between plastic particles in plastics flotation. <i>Waste Management</i> , 2015, 46, 56-61.	7.4	24
164	Carbon dots self-decorated heteroatom-doped porous carbon with superior electrocatalytic activity for oxygen reduction. <i>Electrochimica Acta</i> , 2020, 335, 135666.	5.2	24
165	NIR-Responsive Hydrogel as an Angiogenesis Inhibition Agent for Tumor Microenvironment Reprogramming. <i>Small</i> , 2021, 17, e2103003.	10.0	24
166	Rational Tuning of the Electrocatalytic Nanobiointerface for a Turn-Off Biofuel-Cell-Based Self-Powered Biosensor for p53 Protein. <i>Chemistry - A European Journal</i> , 2015, 21, 13045-13051.	3.3	23
167	Microspheric flower-like Co ₄ S ₃ @Co foam synthesized by in situ sulfidization for electrocatalytic hydrogen evolution reaction. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 19336-19343.	2.2	23
168	Flower-like Co ₃ O ₄ microstrips embedded in Co foam as a binder-free electrocatalyst for oxygen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 24209-24217.	7.1	23
169	ZIF-8 derived ZnO/Zn ₆ Al ₂ O ₉ /Al ₂ O ₃ nanocomposite with excellent photocatalytic performance under simulated sunlight irradiation. <i>New Journal of Chemistry</i> , 2019, 43, 2990-2999.	2.8	23
170	Simple approach for the preparation of nitrogen and sulfur codoped carbon dots/reduced graphene oxide as host for high-rate lithium sulfur batteries. <i>Materials Chemistry and Physics</i> , 2019, 229, 226-231.	4.0	23
171	Syntheses and in vitro antitumor activities of ferrocene-conjugated Arg-Gly-Asp peptides. <i>Journal of Inorganic Biochemistry</i> , 2012, 116, 19-25.	3.5	22
172	Resorcinol modified hypercrosslinked poly(styrene-co-divinylbenzene) resin and its adsorption equilibriums, kinetics and dynamics towards p-hydroxylbenzaldehyde from aqueous solution. <i>Chemical Engineering Journal</i> , 2013, 219, 238-244.	12.7	22
173	Artificial Enzyme Catalyzed Cascade Reactions: Antitumor Immunotherapy Reinforced by NIR Light. <i>Angewandte Chemie</i> , 2019, 131, 17586-17593.	2.0	22
174	Synthesis and characterization of dendritic and porous Ag-Pd alloy nanostructures. <i>Journal of Colloid and Interface Science</i> , 2011, 364, 100-106.	9.4	21
175	A ratiometric fluorescent probe with excited-state intramolecular proton transfer for benzoyl peroxide. <i>RSC Advances</i> , 2013, 3, 8674.	3.6	21
176	Synthesis of Ag nanoclusters by a pH-dependent etching method in aqueous solution. <i>Nanoscale</i> , 2013, 5, 6261.	5.6	21
177	Polar modified post-cross-linked resin and its adsorption toward salicylic acid from aqueous solution: Equilibrium, kinetics and breakthrough studies. <i>Journal of Colloid and Interface Science</i> , 2015, 451, 1-6.	9.4	21
178	Studies on the structures, cytotoxicity and apoptosis mechanism of 8-hydroxylquinoline rhodium(III) complexes in T-24 cells. <i>New Journal of Chemistry</i> , 2016, 40, 6005-6014.	2.8	21
179	Tunable Porosity and Polarity of the Polar Hyper-Cross-Linked Resins and the Enhanced Adsorption toward Phenol. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 12213-12221.	3.7	21
180	Synthesis of Three-Dimensional Nitrogen and Sulfur Dual-Doped Graphene Aerogels as an Efficient Metal-Free Electrocatalyst for the Oxygen Reduction Reaction. <i>ChemElectroChem</i> , 2017, 4, 1885-1890.	3.4	21

#	ARTICLE	IF	CITATIONS
181	A reaction-based long-wavelength fluorescent probe for Cu ²⁺ detection and imaging in living cells. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 358, 201-206.	3.9	21
182	Biomass-Derived N, O, and S-Tridoped Hierarchically Porous Carbon as a Cathode for Lithium-Sulfur Batteries. <i>ChemNanoMat</i> , 2019, 5, 612-618.	2.8	21
183	Bright and photostable fluorescent probe with aggregation-induced emission characteristics for specific lysosome imaging and tracking. <i>Talanta</i> , 2016, 159, 255-261.	5.5	20
184	A Bi ₂ S ₃ -embedded gellan gum hydrogel for localized tumor photothermal/antiangiogenic therapy. <i>Journal of Materials Chemistry B</i> , 2021, 9, 3224-3234.	5.8	20
185	A facile way to achieve all-photonic logic functions and photo-printing based on a donor-acceptor Stenhouse adduct. <i>New Journal of Chemistry</i> , 2017, 41, 6071-6075.	2.8	20
186	Spectrofluorimetric determination of total free thiols based on formation of complexes of Ce(III) with disulfide bonds. <i>Analytica Chimica Acta</i> , 2010, 659, 238-242.	5.4	19
187	Macroporous crosslinked polydivinylbenzene/polyacryldiethylenetriamine (PDVB/PADETA) interpenetrating polymer networks (IPNs) and their efficient adsorption to o-aminobenzoic acid from aqueous solutions. <i>Journal of Colloid and Interface Science</i> , 2014, 429, 83-87.	9.4	19
188	Synthesis of Hollow BiVO ₄ /Ag Composite Microspheres and Their Photocatalytic and Surface-Enhanced Raman Scattering Properties. <i>ChemPlusChem</i> , 2015, 80, 871-877.	2.8	19
189	Flexible Ketone-bridged organic porous nanospheres: Promoting porosity utilizing intramolecular hydrogen-bonding effects for effective gas separation. <i>Chemical Engineering Journal</i> , 2019, 358, 1383-1389.	12.7	19
190	Topotactic synthesis of Co ₃ O ₄ nanoboxes from Co(OH) ₂ nanoflakes. <i>Journal of Solid State Chemistry</i> , 2011, 184, 2961-2965.	2.9	18
191	On the Use of Carbon Nanotubes to Promote the Electricity Generation During Sulfate Removal. <i>Electroanalysis</i> , 2013, 25, 833-837.	2.9	18
192	Ferrocene tripeptide Gly-Pro-Arg conjugates: Synthesis and inhibitory effects on Alzheimer's A β 1-42 fibrillogenesis and A β ² -induced cytotoxicity in vitro. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 395-402.	3.0	18
193	New Platinum(II) agent induces bimodal death of apoptosis and autophagy against A549 cancer cell. <i>Free Radical Biology and Medicine</i> , 2018, 129, 418-429.	2.9	18
194	Highly sensitive fluorescent detection of p53 protein based on DNA functionalized Fe ₃ O ₄ nanoparticles. <i>Talanta</i> , 2018, 187, 142-147.	5.5	18
195	Alkali-Driven Assembly of Protein-Rich Biomass Boosts the Electrocatalytic Activity of the Derived Carbon Materials for Oxygen Reduction. <i>ChemCatChem</i> , 2019, 11, 4822-4829.	3.7	18
196	Minimally Invasive Antitumor Therapy Using Biodegradable Nanocomposite Micellar Hydrogel with Functionalities of NIR-II Photothermal Ablation and Vascular Disruption. <i>ACS Applied Bio Materials</i> , 2020, 3, 4531-4542.	4.6	18
197	Polymerization inspired synthesis of MnO@carbon nanowires with long cycling stability for lithium ion battery anodes: growth mechanism and electrochemical performance. <i>Dalton Transactions</i> , 2021, 50, 535-545.	3.3	18
198	Improving photocatalytic hydrogen evolution over CuO/Al ₂ O ₃ by platinum-depositing and CuS-loading. <i>Applied Surface Science</i> , 2013, 282, 531-537.	6.1	17

#	ARTICLE	IF	CITATIONS
199	Incorporation of Fmoc-Y nanofibers into Ca-alginate hydrogels for improving their mechanical properties and the controlled release of small molecules. <i>New Journal of Chemistry</i> , 2018, 42, 9651-9657.	2.8	17
200	Boosting carbon dioxide electroreduction to C1 feedstocks via theory-guided tailoring oxygen defects in porous tin-oxide nanocubes. <i>Journal of Catalysis</i> , 2020, 385, 246-254.	6.2	17
201	3-Ferrocenylamido-5-methylpyrazole: synthesis and metal coordination. <i>Inorganica Chimica Acta</i> , 2005, 358, 1151-1161.	2.4	16
202	Synthesis and adsorption property of hydrophilic-hydrophobic macroporous crosslinked poly(methyl acryloyl diethylenetriamine)/poly(divinylbenzene) (PMADETA/PDVB) interpenetrating polymer networks (IPNs). <i>RSC Advances</i> , 2015, 5, 26616-26624.	3.6	16
203	Purification of Pb (II) ions from aqueous solution by camphor leaf modified with succinic anhydride. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 509, 80-85.	4.7	16
204	Nafion coating the ferrocenylalkanethiol and encapsulated glucose oxidase electrode for amperometric glucose detection. <i>Analyst</i> , 2011, 136, 4003.	3.5	15
205	Differential effects of Cu(II) and Fe(III) on the binding of omeprazole and pantoprazole to bovine serum albumin: Toxic effect of metal ions on drugs. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 56, 1064-1068.	2.8	15
206	Silver nanocrystals of various morphologies deposited on silicon wafer and their applications in ultrasensitive surface-enhanced Raman scattering. <i>Materials Characterization</i> , 2013, 85, 48-56.	4.4	15
207	Utilization of Microcapsule Technology in Foods. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 9330-9340.	0.9	15
208	An ELISA for the determination of human IgG based on the formation of a colored iron(II) complex and photometric or visual read-out. <i>Mikrochimica Acta</i> , 2017, 184, 2791-2796.	5.0	15
209	Furan- and Thiophene-Modified Hyper-Crosslinked Polymers and Their Adsorption of Phenol from Aqueous Solution. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 931-938.	3.7	15
210	Multi-layered Al ₂ O ₃ /Li _x V ₂ O ₅ /LiV ₃ O ₈ nanoflakes with superior cycling stability as cathode material for Li-ion battery. <i>Electrochimica Acta</i> , 2015, 157, 211-217.	5.2	14
211	3D well-interconnected NiO-graphene-carbon nanotube nanohybrids as high-performance anode materials for Li-ion batteries. <i>Journal of Nanoparticle Research</i> , 2016, 18, 1.	1.9	14
212	Soft approach hydrothermal synthesis of a 3D sulfur/graphene/ multiwalled carbon nanotube cathode for lithium-sulfur batteries. <i>RSC Advances</i> , 2016, 6, 78994-78998.	3.6	14
213	Synthesis, Structure Characterization and Antitumor Activity Study of a New Iron(III) Complex of 5-Nitro-8-hydroxyquinoline (HNOQ). <i>Chemical and Pharmaceutical Bulletin</i> , 2016, 64, 1208-1217.	1.3	14
214	Protein-Zn(II) networks derived N-doped porous carbon-supported ZnS for photothermally catalytic CO ₂ conversion. <i>Journal of CO₂ Utilization</i> , 2021, 45, 101431.	6.8	14
215	Reversible K ^{0.54} V ₂ O ₅ Nanorods for High-Performance Aqueous Zinc-Ion Batteries. <i>ACS Applied Energy Materials</i> , 2022, 5, 1656-1661.	5.1	14
216	Cold-catalytic antitumor immunity with pyroelectric black phosphorus nanosheets. <i>Chemical Science</i> , 2022, 13, 6842-6851.	7.4	14

#	ARTICLE	IF	CITATIONS
217	Fluorescence properties and application of doping complexes Eu ³⁺ x L x (TTA) ₃ Phen as light conversion agents. Central South University, 2003, 10, 342-346.	0.5	13
218	Conversion of natively unstructured Î±-synuclein to its Î±-helical conformation significantly attenuates production of reactive oxygen species. Journal of Inorganic Biochemistry, 2013, 118, 68-73.	3.5	13
219	Synthesis, characterization and adsorption properties of an amide-modified hyper-cross-linked resin. RSC Advances, 2014, 4, 41172-41178.	3.6	13
220	Kinetics and leaching behaviors of aluminum from pharmaceutical blisters in sodium hydroxide solution. Journal of Central South University, 2015, 22, 4545-4550.	3.0	13
221	When protein-based biomineralization meets hydrothermal synthesis: the nanostructures of the as-prepared materials are independent of the protein types. Chemical Communications, 2015, 51, 17076-17079.	4.1	13
222	Dual function hollow structured mesoporous Prussian blue mesocrystals for glucose biosensors. Analytical Methods, 2018, 10, 3951-3957.	2.7	13
223	Voltammetric Studies of the Interactions Between Ferrocene-Labelled Glutathione and Proteins in Solution or Immobilized onto Surface. Electroanalysis, 2009, 21, 1848-1854.	2.9	12
224	On-line removal of redox-active interferents by a porous electrode before amperometric blood glucose determination. Analytica Chimica Acta, 2012, 719, 52-56.	5.4	12
225	An ultrasensitive colorimetric aptasensor for ATP based on peptide/Au nanocomposites and hemin-G-quadruplex DNAzyme. RSC Advances, 2014, 4, 23185-23190.	3.6	12
226	From supramolecular hydrogels to functional aerogels: a facile strategy to fabricate Fe ₃ O ₄ /N-doped graphene composites. RSC Advances, 2015, 5, 77296-77302.	3.6	12
227	A vasculatural hydrogel combined with Prussian blue for solar-driven vapor generation. Journal of Materials Chemistry A, 2022, 10, 12608-12615.	10.3	12
228	(Carboxymethyl-Dextran)-Modified Magnetic Nanoparticles Conjugated to Octreotide for MRI Applications. European Journal of Inorganic Chemistry, 2010, 2010, 5455-5461.	2.0	11
229	Synthesis, characterization and fluorescent properties of cerium(III) glutathione complex. Luminescence, 2010, 25, 389-393.	2.9	11
230	Acetamide-modified hyper-cross-linked resin: Synthesis, characterization, and adsorption performance to phenol from aqueous solution. Journal of Applied Polymer Science, 2015, 132, .	2.6	11
231	Comparison of hyper-cross-linked polystyrene/polyacryldiethylenetriamine (HCP/PADETA) interpenetrating polymer networks (IPNs) with hyper-cross-linked polystyrene (HCP): structure, adsorption and separation properties. RSC Advances, 2016, 6, 32340-32348.	3.6	11
232	Promoting H ₂ Activation over Molybdenum Carbide by Modulation of Metal-Support Interaction for Efficient Catalytic Hydrogenation. ChemCatChem, 2021, 13, 3283-3289.	3.7	11
233	Visible-light-driven Cr(VI) reduction by ferrocene-integrated conjugated porous polymers via dual catalytic routes. Chemical Communications, 2021, 57, 4886-4889.	4.1	11
234	Enhanced Voltammetric Detection of Epinephrine at a Carbon Nanotube/Nafion Composite Electrode in the Presence of Ascorbic Acid. Journal of Nanoscience and Nanotechnology, 2009, 9, 6614-6619.	0.9	10

#	ARTICLE	IF	CITATIONS
235	A high selective disposable biosensor based on screen-printed technique with two working electrodes for eliminating interference signals. <i>Sensors and Actuators B: Chemical</i> , 2013, 183, 589-593.	7.8	10
236	Green and large-scale one-pot synthesis of small-sized graphene-bridged manganese dioxide nanowire network as new electrode material for electrochemical sensing. <i>Journal of Sol-Gel Science and Technology</i> , 2015, 76, 341-348.	2.4	10
237	Hierarchical architecture of nanographene-coated rice-like manganese dioxide nanorods/graphene for enhanced electrocatalytic activity toward hydrogen peroxide reduction. <i>Materials Science in Semiconductor Processing</i> , 2015, 40, 176-182.	4.0	10
238	Unraveling the Hydrolysis of Merocyanine-Based Probes in Biological Assay. <i>Analytical Chemistry</i> , 2016, 88, 9136-9142.	6.5	10
239	Protein-Metal Ion Networks: A Unique Approach toward Metal Sulfide Nanoparticles Embedded In Situ in Nanocomposites. <i>Chemistry - A European Journal</i> , 2019, 25, 904-912.	3.3	10
240	Sorption of Cd(II) ion by lignocellulose biomass from leaves of camphor tree. , 0, 68, 211-219.		10
241	Pressure oxidation of sodium thioantimonite solution to prepare sodium pyroantimonate. <i>Hydrometallurgy</i> , 2015, 151, 91-97.	4.3	9
242	Acid leaching decarbonization and following pressure oxidation of carbonic refractory gold ore. <i>Journal of Central South University</i> , 2016, 23, 1584-1590.	3.0	9
243	Facile Fabrication of Sulfur/Graphene Composite for High-Rate Lithium-Sulfur Batteries. <i>ChemistrySelect</i> , 2017, 2, 11035-11039.	1.5	9
244	Cobalt-doped Hollow Carbon Framework as Sulfur Host for the Cathode of Lithium Sulfur Battery. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2021, 36, 203.	1.3	9
245	Biocomputation with MnTiO ₃ Piezoelectric Enzymes for Programed Catalysis of Tumor Death. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 28199-28210.	8.0	9
246	Estimation of Binding Constants for Diclofenac Sodium and Bovine Serum Albumin by Affinity Capillary Electrophoresis and Fluorescence Spectroscopy. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2008, 31, 2077-2088.	1.0	8
247	Coordination of Bi ³⁺ to metal-free metallothionein: Spectroscopy and density functional calculation of structure, coordination, and electronic excitations. <i>Journal of Inorganic Biochemistry</i> , 2012, 113, 9-14.	3.5	8
248	Effect of alcohol chain length on the enzymatic resolution of racemic mandelic acid and kinetic study. <i>Biotechnology and Applied Biochemistry</i> , 2014, 61, 274-279.	3.1	8
249	New platinum(II)-based DNA intercalator: Synthesis, characterization and anticancer activity. <i>Inorganic Chemistry Communication</i> , 2019, 105, 182-187.	3.9	8
250	Confine sulfur in double-hollow carbon sphere integrated with carbon nanotubes for advanced lithium-sulfur batteries. <i>Materials for Renewable and Sustainable Energy</i> , 2021, 10, 1.	3.6	8
251	Theory-Guided Regulation of FeN ₄ Spin State by Neighboring Cu Atoms for Enhanced Oxygen Reduction Electrocatalysis in Flexible Metal-Air Batteries. <i>Angewandte Chemie</i> , 0, , .	2.0	8
252	Soft template synthesis of acetylene black/manganese dioxide nanosheets composites as efficient sulfur hosts for lithium-sulfur batteries. <i>Journal of Materials Science</i> , 2018, 53, 14608-14618.	3.7	7

#	ARTICLE	IF	CITATIONS
253	Inside-mode indium oxide/carbon nanotubes for efficient carbon dioxide electroreduction by suppressing hydrogen evolution. <i>Chemical Communications</i> , 2021, 57, 1234-1237.	4.1	7
254	Dual-active sites design of Sn _x Sb _y O-GO nanosheets for enhancing electrochemical CO ₂ reduction via Sb-accelerating water activation. <i>Applied Catalysis B: Environmental</i> , 2022, 307, 121171.	20.2	7
255	Synthesis and luminescent properties of ternary complexes of terbium with thenoyltrifluoroacetone and reactive ligand. <i>Central South University</i> , 2004, 11, 304-308.	0.5	6
256	Estimation of surface tension of organic compounds using quantitative structure-property relationship. <i>Journal of Central South University</i> , 2012, 19, 93-100.	3.0	6
257	One-Step Hydrothermal Preparation and Electrochemical Performance of Graphene/Sulfur Cathode Composites. <i>Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica</i> , 2014, 30, 1474-1480.	4.9	6
258	A 1 ² -naphthol-modified hyper-cross-linked resin for adsorption of p-aminobenzoic acid from aqueous solutions. <i>Desalination and Water Treatment</i> , 2015, 54, 1893-1902.	1.0	6
259	Gallium/gold composite microspheres fixed on a silicon substrate for surface enhanced Raman scattering. <i>RSC Advances</i> , 2015, 5, 67134-67140.	3.6	6
260	Preparation and photocatalytic performance of ZnO/ZnGa ₂ O ₄ composite microspheres. <i>Journal of Central South University</i> , 2016, 23, 3092-3099.	3.0	6
261	Ferrocene-integrated conjugated microporous polymer nanosheets: Active and regenerative catalysts for photomediated controlled radical polymerization. <i>Applied Materials Today</i> , 2020, 18, 100507.	4.3	6
262	Tin nanoparticle/3D framework carbon composite derived from sodium citrate as the stable anode of lithium-ion batteries. <i>Ionics</i> , 2021, 27, 1003-1011.	2.4	6
263	Hollow porous N-doped carbon-based Co ₄ N with peroxidase-like activity for detection of H ₂ O ₂ under non-physiologic conditions. <i>Microchemical Journal</i> , 2021, 166, 106206.	4.5	6
264	Oxygen-deficient tungsten oxide perovskite nanosheets-based photonic nanomedicine for cancer theranostics. <i>Chemical Engineering Journal</i> , 2022, 431, 133273.	12.7	6
265	Synthesis of Y ₃ Al ₅ O ₁₂ :Ce ³⁺ phosphors by a modified impinging stream method: a crystal growth and luminescent properties study. <i>Journal Physics D: Applied Physics</i> , 2012, 45, 195105.	2.8	5
266	Influence of acetate-based and bromide-based ionic liquids treatment on wool dyeing with acid blue 7. <i>Journal of Applied Polymer Science</i> , 2012, 123, 3283-3291.	2.6	5
267	Liquefaction of metal-contaminated giant reed biomass in acidified ethylene glycol system: Batch experiments. <i>Journal of Central South University</i> , 2014, 21, 1756-1762.	3.0	5
268	Estimation of half-wave potential of anabolic androgenic steroids by means of QSER approach. <i>Journal of Central South University</i> , 2016, 23, 1906-1914.	3.0	5
269	Functionalized dextran-coated liposomes for doxorubicin loading. <i>Journal of Controlled Release</i> , 2011, 152, e49-e51.	9.9	4
270	Grinding "sol-gel" synthesis and electrochemical performance of mesoporous Li ₃ V ₂ (PO ₄) ₃ cathode materials. <i>Transactions of Nonferrous Metals Society of China</i> , 2013, 23, 439-444.	4.2	4

#	ARTICLE	IF	CITATIONS
271	Potential single phased full colour white light Sr ₂ CeO ₄ TiSm ³⁺ phosphor for UV light emitting diodes. Materials Research Innovations, 2013, 17, 453-457.	2.3	4
272	Ethylbenzotriazolium Bromide Ionic Liquid: A New Water Soluble Inhibitor for Corrosion of Mild Steel in Acid Media. Asian Journal of Chemistry, 2013, 25, 954-956.	0.3	4
273	A new group contribution-based method for estimation of flash point temperature of alkanes. Journal of Central South University, 2015, 22, 30-36.	3.0	4
274	ZIF-67 derived CoS _x /NC catalysts for selective reduction of nitro compounds. Journal of Central South University, 2021, 28, 1279-1290.	3.0	4
275	Bio-Piezoelectric Platforms: Construction of Bio-Piezoelectric Platforms: From Structures and Synthesis to Applications (Adv. Mater. 27/2021). Advanced Materials, 2021, 33, 2170206.	21.0	4
276	Nanoarchitectonics with Two-Dimensional Black Phosphorus and MnO ₂ for Synergistic Photodynamic Radiotherapy Against Cancer through Enhanced Reactive Oxygen Species Activity. Advanced Therapeutics, 2022, 5, .	3.2	4
277	Study on the method of recovering and separating indium from residue containing indium. Central South University, 2002, 9, 104-106.	0.5	3
278	Synthesis and application of antimony pent(isooctyl thioglycollate). Central South University, 2005, 12, 64-67.	0.5	3
279	Preparation, Characterization, and Enhanced Photocatalytic Hydrogen Evolution Activity of Y ₂ Cu ₂ O ₅ -Based Compounds under Simulated Sunlight Irradiation. Journal of Nanomaterials, 2013, 2013, 1-8.	2.7	3
280	Post-Crosslinked Poly(<i>meta</i> -divinylbenzene) and Its Adsorption to Phenol from Aqueous Solutions. Journal of Nanoscience and Nanotechnology, 2016, 16, 6810-6815.	0.9	3
281	Synthesis, characterization and antitumor activity of novel gold (III) compounds with cisplatin-like structure. Inorganic Chemistry Communication, 2019, 105, 55-58.	3.9	3
282	Ru Nanoclusters Supported on Ti ₃ C ₂ T _x Nanosheets for Catalytic Hydrogenation of Quinolines. ACS Applied Nano Materials, 2022, 5, 6213-6220.	5.0	3
283	Synthesis, property and heat stability for polyvinyl chlorids of antimony tris (mercaptoacid ester). Central South University, 1994, 1, 45-50.	0.5	2
284	Synthesis of lanthanum tris (mono- <i>i</i> -octyl phthalate) and its thermal stability for polyvinyl chloride. Central South University, 2001, 8, 161-163.	0.5	2
285	Synthesis of Bundle- and Flake-Like CeO ₂ Powders Via a Precursor-Pyrolysis Approach. Journal of the American Ceramic Society, 2007, 90, 1232-1236.	3.8	2
286	Fabrication of ferrocenyl glutathione modified electrode and its application for detection of cadmium ions. Central South University, 2008, 15, 44-48.	0.5	2
287	Preparation and characterization of noble metal (Pt, Ag, Ru) loaded ZnGa ₂ O ₄ and its photocatalytic and photoelectric performance. Journal of Materials Science: Materials in Electronics, 2017, 28, 17917-17924.	2.2	2
288	Luminescent properties of BaO-La ₂ O ₃ -B ₂ O ₃ glasses with dopant. Central South University, 2004, 11, 156-160.	0.5	1

#	ARTICLE	IF	CITATIONS
289	Synthesis and structure of <i>N</i> -ferrocenoyl-labeled tripeptide: <i>N</i> -Fc- <i>L</i> -Pro- <i>L</i> -Leu-Gly-OMe. Zeitschrift für Kristallographie, 2009, 224, 551-555.	1.1	1
290	Sol-Gel Synthesis and Electrochemical Performance of $\text{Li}_3\text{V}_2\text{O}_7\text{Mn}_x(\text{PO}_4)_3$ Cathode Material for Lithium-ion Batteries. Wuji Cailiao Xuebao/Journal of Inorganic Materials, 2013, 27, 1017-1022.	1.3	1
291	Synthesis and thermal stability of antimony tris (thioethyl stearate) for PVC. Central South University, 2000, 7, 146-148.	0.5	0
292	Porous ZnAl_2O_4 Synthesized by a Modified Citrate Technique.. ChemInform, 2004, 35, no.	0.0	0
293	Using sensitive surface plasmon resonance to detect binding of peptide molecules and immobilized vancomycin. Central South University, 2011, 18, 1024-1028.	0.5	0
294	A study of preparation and optical properties of the white OLEDs stacked with YAG and $\text{Sr}_2\text{Si}_5\text{N}_8$:Eu phosphors based color conversion layers. , 2013, .		0