

# You-Nian Liu

## List of Publications by Year in descending order

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294  
papers

13,127  
citations

23500

58  
h-index

38300

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.	11.1	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.	7.3	564
3	Cell Membrane Camouflaged Hollow Prussian Blue Nanoparticles for Synergistic Photothermal/Chemotherapy of Cancer. <i>Advanced Functional Materials</i> , 2017, 27, 1605795.	7.8	285
4	Black Phosphorus Nanosheets as a Neuroprotective Nanomedicine for Neurodegenerative Disorder Therapy. <i>Advanced Materials</i> , 2018, 30, 1703458.	11.1	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.	3.3	244
6	Artificial Enzyme Catalyzed Cascade Reactions: Antitumor Immunotherapy Reinforced by NIR Light. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17425-17432.	7.2	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.	6.6	202
8	Fluorescent silver nanoclusters in hybridized DNA duplexes for the turn-on detection of Hg <sup>2+</sup> ions. <i>Chemical Communications</i> , 2011, 47, 11065.	2.2	172
9	Flotation separation of waste plastics for recycling-A review. <i>Waste Management</i> , 2015, 41, 28-38.	3.7	172
10	Gelatin-Based Hydrogels Blended with Gellan as an Injectable Wound Dressing. <i>ACS Omega</i> , 2018, 3, 4766-4775.	1.6	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.	7.8	152
12	Preparation and characterization of ZrO <sub>2</sub> :Eu <sup>3+</sup> phosphors. <i>Journal of Alloys and Compounds</i> , 2004, 381, 266-271.	2.8	142
13	MOF-Templated Fabrication of Hollow Co <sub>4</sub> N-Doped Carbon Porous Nanocages with Superior Catalytic Activity. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 7191-7200.	4.0	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.	1.7	127
15	Self-Powered Sensor for Trace Hg <sup>2+</sup> Detection. <i>Analytical Chemistry</i> , 2011, 83, 3968-3972.	3.2	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.	5.2	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.	3.1	119
18	Two dimensional semiconductors for ultrasound-mediated cancer therapy: the case of black phosphorus nanosheets. <i>Chemical Communications</i> , 2018, 54, 2874-2877.	2.2	114

#	ARTICLE	IF	CITATIONS
19	Construction of Bio-Piezoelectric Platforms: From Structures and Synthesis to Applications. <i>Advanced Materials</i> , 2021, 33, e2008452.	11.1	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.	3.9	108
21	A black phosphorus based synergistic antibacterial platform against drug resistant bacteria. <i>Journal of Materials Chemistry B</i> , 2018, 6, 6302-6310.	2.9	105
22	Synthesis of Triazine-Based Porous Organic Polymers Derived N-Enriched Porous Carbons for CO <sub>2</sub> Capture. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 2856-2865.	1.8	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.	7.2	102
24	Triazine-based hyper-cross-linked polymers derived porous carbons for CO <sub>2</sub> capture. <i>Chemical Engineering Journal</i> , 2018, 339, 509-518.	6.6	99
25	Surface-Enhanced Raman Detection of Melamine on Silver-Nanoparticle-Decorated Silver/Carbon Nanospheres: Effect of Metal Ions. <i>ACS Applied Materials &amp; Interfaces</i> , 2011, 3, 3091-3096.	4.0	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.	3.1	96
27	Binding of $\beta$ -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.	1.5	94
28	Theory-Guided Regulation of FeN <sub>4</sub> Spin State by Neighboring Cu Atoms for Enhanced Oxygen Reduction Electrocatalysis in Flexible Metal-Air Batteries. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	93
29	Integrated Self-Powered Microchip Biosensor for Endogenous Biological Cyanide. <i>Analytical Chemistry</i> , 2010, 82, 4283-4287.	3.2	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.	2.9	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.	2.9	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.	10.8	90
33	N-rich porous organic polymers based on Schiff base reaction for CO <sub>2</sub> capture and mercury(II) adsorption. <i>Journal of Colloid and Interface Science</i> , 2021, 587, 121-130.	5.0	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.	7.3	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.	1.7	87
36	Nafion/TiO <sub>2</sub> hybrid membrane fabricated via hydrothermal method for vanadium redox battery. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 1577-1584.	1.2	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.	5.1	85
38	CO <sub>2</sub> 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.	5.0	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.	5.3	83
40	SPPEK/TPA composite membrane as a separator of vanadium redox flow battery. <i>Journal of Membrane Science</i> , 2013, 437, 114-121.	4.1	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.	1.6	80
42	Separation of polyethylene terephthalate from municipal waste plastics by froth flotation for recycling industry. <i>Waste Management</i> , 2015, 35, 42-47.	3.7	78
43	Fabrication and photocatalytic properties of spheres-in-spheres ZnO/ZnAl <sub>2</sub> O <sub>4</sub> composite hollow microspheres. <i>Applied Surface Science</i> , 2013, 268, 237-245.	3.1	76
44	Triazine-based hyper-cross-linked polymers with inorganic-organic hybrid framework derived porous carbons for CO <sub>2</sub> capture. <i>Chemical Engineering Journal</i> , 2018, 353, 1-14.	6.6	75
45	Biomimetic Mineralization Guided One-Pot Preparation of Gold Clusters Anchored Two-Dimensional MnO <sub>2</sub> Nanosheets for Fluorometric/Magnetic Bimodal Sensing. <i>Analytical Chemistry</i> , 2018, 90, 2926-2932.	3.2	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 <sub>2</sub> . <i>Applied Surface Science</i> , 2019, 498, 143899.	3.1	72
48	Sensitive immunosensor for tumor necrosis factor $\alpha$ 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.	5.3	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.	5.0	70
50	Near-infrared light-responsive hydrogels <i>via</i> peroxide-decorated MXene-initiated polymerization. <i>Chemical Science</i> , 2019, 10, 10765-10771.	3.7	70
51	Hydrothermal synthesis and characterization of YVO <sub>4</sub> -based phosphors doped with Eu <sup>3+</sup> ion. <i>Materials Research Bulletin</i> , 2006, 41, 158-166.	2.7	67
52	SPPEK/WO <sub>3</sub> hybrid membrane fabricated via hydrothermal method for vanadium redox flow battery. <i>Electrochemistry Communications</i> , 2012, 17, 30-33.	2.3	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.	5.3	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.	4.8	66

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55	Preparation of Fe <sub>3</sub> O <sub>4</sub> nanoparticles with adjustable morphology. <i>Journal of Alloys and Compounds</i> , 2009, 475, 898-902.	2.8	64
56	Coating nanofiber scaffolds with beta cell membrane to promote cell proliferation and function. <i>Nanoscale</i> , 2016, 8, 10364-10370.	2.8	63
57	Recent progress in the development of fluorescent probes for hydrazine. <i>Luminescence</i> , 2018, 33, 816-836.	1.5	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.	2.6	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.	5.3	59
60	Biomass-derived N-doped porous carbon: an efficient metal-free catalyst for methylation of amines with CO <sub>2</sub> . <i>Green Chemistry</i> , 2019, 21, 6252-6257.	4.6	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.	2.9	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.	3.1	58
63	Porous ZnAl <sub>2</sub> O <sub>4</sub> synthesized by a modified citrate technique. <i>Journal of Alloys and Compounds</i> , 2004, 376, 257-261.	2.8	57
64	Biomimetic nanothylakoids for efficient imaging-guided photodynamic therapy for cancer. <i>Chemical Communications</i> , 2018, 54, 3468-3471.	2.2	56
65	Facile synthesis of Bi/BiVO <sub>4</sub> composite ellipsoids with high photocatalytic activity. <i>Dalton Transactions</i> , 2018, 47, 2602-2609.	1.6	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.	3.1	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.	6.6	55
68	Bi/BiVO <sub>4</sub> Chainlike Hollow Microstructures: Synthesis, Characterization, and Application as Visible-Light-Active Photocatalysts. <i>ACS Applied Nano Materials</i> , 2018, 1, 2653-2661.	2.4	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.	3.2	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.	1.7	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.	2.2	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.	5.5	54

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73	Hydrothermal synthesis and characterization of ZnGa <sub>2</sub> O <sub>4</sub> phosphors. <i>Materials Chemistry and Physics</i> , 2006, 97, 247-251.	2.0	53
74	Construction of highly ordered polyaniline nanowires and their applications in DNA sensing. <i>Biosensors and Bioelectronics</i> , 2014, 52, 422-426.	5.3	53
75	NIR light controlled release of caged hydrogen sulfide based on upconversion nanoparticles. <i>Chemical Communications</i> , 2015, 51, 9193-9196.	2.2	53
76	A membraneless biofuel cell powered by ethanol and alcoholic beverage. <i>Biosensors and Bioelectronics</i> , 2010, 26, 70-73.	5.3	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.	2.2	52
78	O-containing hyper-cross-linked polymers and porous carbons for CO <sub>2</sub> capture. <i>Microporous and Mesoporous Materials</i> , 2018, 264, 104-111.	2.2	52
79	One-pot synthesis of an ionic porous organic framework for metal-free catalytic CO <sub>2</sub> fixation under ambient conditions. <i>Chemical Engineering Journal</i> , 2018, 350, 867-871.	6.6	51
80	Synthesis and biological evaluation of hydroxyl-substituted Schiff-bases containing ferrocenyl moieties. <i>Dalton Transactions</i> , 2013, 42, 15678.	1.6	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.	1.7	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.	2.2	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.	5.3	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.	3.7	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.	6.6	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.	6.6	47
87	Preparation and characterization of porous MgO and NiO/MgO nanocomposites. <i>Applied Catalysis A: General</i> , 2004, 265, 123-128.	2.2	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.	2.6	46
89	Advanced aqueous rechargeable lithium battery using nanoparticulate LiTi <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> /C as a superior anode. <i>Scientific Reports</i> , 2015, 5, 10733.	1.6	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.	2.0	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.	1.2	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.	6.6	45
93	Fabrication of dopamine enveloped WO <sub>3</sub> 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.	6.6	45
94	Postfunctionalization of Porous Organic Polymers Based on Friedel-Crafts Acylation for CO <sub>2</sub> and Hg <sup>2+</sup> Capture. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 36652-36659.	4.0	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.	2.5	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.	1.2	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.	3.7	43
98	Cryogenic Exfoliation of 2D Stanene Nanosheets for Cancer Theranostics. <i>Nano-Micro Letters</i> , 2021, 13, 90.	14.4	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.	3.7	43
100	Bimetallic AgM (M = Pt, Pd, Au) nanostructures: synthesis and applications for surface-enhanced Raman scattering. <i>RSC Advances</i> , 2013, 3, 4391.	1.7	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.	2.4	42
102	Novel biomass derived hierarchical porous carbon for lithium sulfur batteries. <i>Materials Letters</i> , 2018, 217, 167-170.	1.3	42
103	Shape-controlled synthesis and characterization of InVO <sub>4</sub> particles. <i>Journal of Colloid and Interface Science</i> , 2006, 295, 440-444.	5.0	41
104	Additive-free solvothermal synthesis of hierarchical flower-like LiFePO <sub>4</sub> /C mesocrystal and its electrochemical performance. <i>RSC Advances</i> , 2013, 3, 19366.	1.7	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.	1.7	41
106	2D Monoelemental Germanene Quantum Dots: Synthesis as Robust Photothermal Agents for Photonic Cancer Nanomedicine. <i>Angewandte Chemie</i> , 2019, 131, 13539-13544.	1.6	41
107	Molecular Wire-Glucose Oxidase in Supramolecular Architecture. <i>Biomacromolecules</i> , 2007, 8, 2063-2071.	2.6	40
108	To boost c-type cytochrome wire efficiency of electrogenic bacteria with Fe <sub>3</sub> O <sub>4</sub> /Au nanocomposites. <i>Chemical Communications</i> , 2010, 46, 7172.	2.2	40

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109	Synthesis and evaluation of ferrocenoyl pentapeptide (Fc-KLVFF) as an inhibitor of Alzheimer's A $\beta$ 21-42 fibril formation in vitro. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 5818-5821.	1.0	40
110	Coordination Nanosheets of Phthalocyanine as Multifunctional Platform for Imaging-Guided Synergistic Therapy of Cancer. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 6840-6849.	4.0	40
111	Preparation and photoluminescence properties of Eu-doped - and - Ga <sub>2</sub> O <sub>3</sub> phosphors. <i>Solid State Communications</i> , 2007, 141, 12-16.	0.9	39
112	Self-Reporting Liposomes for Intracellular Drug Release. <i>Small</i> , 2014, 10, 1261-1265.	5.2	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.	5.0	39
114	Nanoparticle Li <sub>2</sub> FeSiO <sub>4</sub> as anode material for lithium-ion batteries. <i>Journal of Power Sources</i> , 2012, 220, 103-107.	4.0	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.	1.7	38
116	Co,N-Codoped Porous Carbon-Supported Co <sub>3</sub> ZnS with Superior Activity for Nitroarene Hydrogenation. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 6118-6126.	3.2	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.	1.3	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.	2.9	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.	4.6	37
120	Palladium crystals of various morphologies for SERS enhancement. <i>CrystEngComm</i> , 2011, 13, 6481.	1.3	36
121	Additive-free solvothermal synthesis and Li-ion intercalation properties of dumbbell-shaped LiFePO <sub>4</sub> /C mesocrystals. <i>Journal of Power Sources</i> , 2013, 239, 103-110.	4.0	36
122	Synthesis and electrochemical properties of NaV <sub>3</sub> O <sub>8</sub> nanoflakes as high-performance cathode for Li-ion battery. <i>RSC Advances</i> , 2014, 4, 8328.	1.7	36
123	Integrated Hydrogel Platform for Programmed Antitumor Therapy Based on Near Infrared-Triggered Hyperthermia and Vascular Disruption. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 21381-21390.	4.0	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.	4.0	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.	2.2	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.	3.2	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.	6.6	34
128	In Situ Assembly of Au Nanoclusters within Protein Hydrogel Networks. <i>Chemistry - an Asian Journal</i> , 2017, 12, 2374-2378.	1.7	34
129	Cobalt(II) 8-hydroxyquinoline complexes: structure, cytotoxicity and action mechanism. <i>MedChemComm</i> , 2016, 7, 806-812.	3.5	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.	5.0	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.	2.6	33
132	A reversible competition colorimetric assay for the detection of biothiols based on ruthenium-containing complex. <i>Talanta</i> , 2013, 115, 253-257.	2.9	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.	2.2	32
134	Nanomessenger-Mediated Signaling Cascade for Antitumor Immunotherapy. <i>ACS Nano</i> , 2021, 15, 13188-13199.	7.3	32
135	Synthesis and luminescence properties of YVO <sub>4</sub> :Dy <sup>3+</sup> nanorods. <i>Journal of Materials Processing Technology</i> , 2008, 198, 129-133.	3.1	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.	1.2	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.	1.2	31
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