

# Jianlong Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

189  
papers

13,047  
citations

20759

60  
h-index

28224

105  
g-index

190  
all docs

190  
docs citations

190  
times ranked

15740  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Extended Transcriptional Network for Pluripotency of Embryonic Stem Cells. <i>Cell</i> , 2008, 132, 1049-1061.	13.5	1,226
2	A protein interaction network for pluripotency of embryonic stem cells. <i>Nature</i> , 2006, 444, 364-368.	13.7	1,003
3	Nickel sulfide microsphere film on Ni foam as an efficient bifunctional electrocatalyst for overall water splitting. <i>Chemical Communications</i> , 2016, 52, 1486-1489.	2.2	499
4	NANOG-dependent function of TET1 and TET2 in establishment of pluripotency. <i>Nature</i> , 2013, 495, 370-374.	13.7	376
5	Competitive adsorption of Pb(II), Cu(II) and Zn(II) onto xanthate-modified magnetic chitosan. <i>Journal of Hazardous Materials</i> , 2012, 221-222, 155-161.	6.5	364
6	The simultaneous detection and removal of organophosphorus pesticides by a novel Zr-MOF based smart adsorbent. <i>Journal of Materials Chemistry A</i> , 2018, 6, 2184-2192.	5.2	214
7	Amino-Functionalized Al <sup>III</sup> -MOF for Fluorescent Detection of Tetracyclines in Milk. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 1277-1283.	2.4	208
8	One-pot synthesis of multifunctional magnetic ferrite@MoS <sub>2</sub> @carbon dot nanohybrid adsorbent for efficient Pb(II) removal. <i>Journal of Materials Chemistry A</i> , 2016, 4, 3893-3900.	5.2	205
9	A self-standing nanoporous MoP <sub>2</sub> nanosheet array: an advanced pH-universal catalytic electrode for the hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2016, 4, 7169-7173.	5.2	204
10	Oxygen-Generating MnO <sub>2</sub> Nanodots@Anchored Versatile Nanoplatfom for Combined Chemo-Photodynamic Therapy in Hypoxic Cancer. <i>Advanced Functional Materials</i> , 2018, 28, 1706375.	7.8	203
11	Interface engineering of metal organic framework on graphene oxide with enhanced adsorption capacity for organophosphorus pesticide. <i>Chemical Engineering Journal</i> , 2017, 313, 19-26.	6.6	190
12	Wet-chemistry topotactic synthesis of bimetallic iron@nickel sulfide nanoarrays: an advanced and versatile catalyst for energy efficient overall water and urea electrolysis. <i>Journal of Materials Chemistry A</i> , 2018, 6, 4346-4353.	5.2	181
13	Mechanism insight into rapid photocatalytic disinfection of Salmonella based on vanadate QDs-interspersed g-C <sub>3</sub> N <sub>4</sub> heterostructures. <i>Applied Catalysis B: Environmental</i> , 2018, 225, 228-237.	10.8	165
14	Traditional NiCo <sub>2</sub> S <sub>4</sub> Phase with Porous Nanosheets Array Topology on Carbon Cloth: A Flexible, Versatile and Fabulous Electrocatalyst for Overall Water and Urea Electrolysis. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 5011-5020.	3.2	164
15	Dynamic epigenomic landscapes during early lineage specification in mouse embryos. <i>Nature Genetics</i> , 2018, 50, 96-105.	9.4	164
16	Internally extended growth of core@shell NH <sub>2</sub> -MIL-101(Al)@ZIF-8 nanoflowers for the simultaneous detection and removal of Cu(II). <i>Journal of Materials Chemistry A</i> , 2018, 6, 21029-21038.	5.2	150
17	High effective adsorption/removal of illegal food dyes from contaminated aqueous solution by Zr-MOFs (UiO-67). <i>Food Chemistry</i> , 2018, 254, 241-248.	4.2	142
18	NH <sub>2</sub> -MIL-53(Al) Metal-Organic Framework as the Smart Platform for Simultaneous High-Performance Detection and Removal of Hg <sup>2+</sup> . <i>Inorganic Chemistry</i> , 2019, 58, 12573-12581.	1.9	128

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19	A practical-oriented NiFe-based water-oxidation catalyst enabled by ambient redox and hydrolysis co-precipitation strategy. <i>Applied Catalysis B: Environmental</i> , 2019, 244, 844-852.	10.8	125
20	RNA-dependent chromatin targeting of TET2 for endogenous retrovirus control in pluripotent stem cells. <i>Nature Genetics</i> , 2018, 50, 443-451.	9.4	122
21	A colorimetric paper sensor based on the domino reaction of acetylcholinesterase and degradable $\beta$ -MnOOH nanozyme for sensitive detection of organophosphorus pesticides. <i>Sensors and Actuators B: Chemical</i> , 2019, 290, 573-580.	4.0	122
22	Shapeable three-dimensional CMC aerogels decorated with Ni/Co-MOF for rapid and highly efficient tetracycline hydrochloride removal. <i>Chemical Engineering Journal</i> , 2019, 375, 122076.	6.6	118
23	Amorphous Fe/Mn bimetal-organic frameworks: outer and inner structural designs for efficient arsenic removal. <i>Journal of Materials Chemistry A</i> , 2019, 7, 2845-2854.	5.2	118
24	Portable Colorimetric Detection of Mercury(II) Based on a Non-Noble Metal Nanozyme with Tunable Activity. <i>Inorganic Chemistry</i> , 2019, 58, 1638-1646.	1.9	118
25	Versatile molybdenum disulfide based antibacterial composites for in vitro enhanced sterilization and in vivo focal infection therapy. <i>Nanoscale</i> , 2016, 8, 11642-11648.	2.8	117
26	A one-step approach to the large-scale synthesis of functionalized MoS <sub>2</sub> nanosheets by ionic liquid assisted grinding. <i>Nanoscale</i> , 2015, 7, 10210-10217.	2.8	115
27	Template-free preparation of layer-stacked hierarchical porous carbons from coal tar pitch for high performance all-solid-state supercapacitors. <i>Journal of Materials Chemistry A</i> , 2017, 5, 15869-15878.	5.2	107
28	Oxidative Desulfurization of Dibenzothiophene Using Ozone and Hydrogen Peroxide in Ionic Liquid. <i>Energy &amp; Fuels</i> , 2010, 24, 2527-2529.	2.5	106
29	Fluorometric determination of the antibiotic kanamycin by aptamer-induced FRET quenching and recovery between MoS <sub>2</sub> nanosheets and carbon dots. <i>Mikrochimica Acta</i> , 2017, 184, 203-210.	2.5	102
30	Facile fabrication of robust MOF membranes on cloth via a CMC macromolecule bridge for highly efficient Pb(II) removal. <i>Chemical Engineering Journal</i> , 2018, 339, 230-239.	6.6	102
31	Au Promoted Nickel-Iron Layered Double Hydroxide Nanoarrays: A Modular Catalyst Enabling High-Performance Oxygen Evolution. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 19807-19814.	4.0	101
32	Conductive Leaflike Cobalt Metal-Organic Framework Nanoarray on Carbon Cloth as a Flexible and Versatile Anode toward Both Electrocatalytic Glucose and Water Oxidation. <i>Inorganic Chemistry</i> , 2018, 57, 8422-8428.	1.9	99
33	Influence of metal ionic characteristics on their biosorption capacity by <i>Saccharomyces cerevisiae</i> . <i>Applied Microbiology and Biotechnology</i> , 2007, 74, 911-917.	1.7	97
34	Copper metal-organic frameworks loaded on chitosan film for the efficient inhibition of bacteria and local infection therapy. <i>Nanoscale</i> , 2019, 11, 11830-11838.	2.8	97
35	Preparation and electrochemical performance of the layered cobalt oxide (Co <sub>3</sub> O <sub>4</sub> ) as supercapacitor electrode material. <i>Journal of Solid State Electrochemistry</i> , 2013, 17, 55-61.	1.2	96
36	Layered vanadium(IV) disulfide nanosheets as a peroxidase-like nanozyme for colorimetric detection of glucose. <i>Mikrochimica Acta</i> , 2018, 185, 7.	2.5	96

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37	One-pot synthesis of NiFe <sub>2</sub> O <sub>4</sub> integrated with EDTA-derived carbon dots for enhanced removal of tetracycline. <i>Chemical Engineering Journal</i> , 2017, 310, 187-196.	6.6	92
38	Zfp281 Coordinates Opposing Functions of Tet1 and Tet2 in Pluripotent States. <i>Cell Stem Cell</i> , 2016, 19, 355-369.	5.2	89
39	Mixed-Valence Ce-BPyDC Metal-Organic Framework with Dual Enzyme-like Activities for Colorimetric Biosensing. <i>Inorganic Chemistry</i> , 2019, 58, 11382-11388.	1.9	89
40	Ultra technically-simple and sensitive detection for Salmonella Enteritidis by immunochromatographic assay based on gold growth. <i>Food Control</i> , 2018, 84, 536-543.	2.8	87
41	Highly sensitive furazolidone monitoring in milk by a signal amplified lateral flow assay based on magnetite nanoparticles labeled dual-probe. <i>Food Chemistry</i> , 2018, 261, 131-138.	4.2	82
42	Bioinspired foam with large 3D macropores for efficient solar steam generation. <i>Journal of Materials Chemistry A</i> , 2018, 6, 16220-16227.	5.2	81
43	ssDNA-tailorable oxidase-mimicking activity of spinel MnCo <sub>2</sub> O <sub>4</sub> for sensitive biomolecular detection in food sample. <i>Sensors and Actuators B: Chemical</i> , 2018, 269, 79-87.	4.0	75
44	Rational construction of a robust metal-organic framework nanozyme with dual-metal active sites for colorimetric detection of organophosphorus pesticides. <i>Journal of Hazardous Materials</i> , 2022, 423, 127253.	6.5	75
45	Prussian blue nanoparticles based lateral flow assay for high sensitive determination of clenbuterol. <i>Sensors and Actuators B: Chemical</i> , 2018, 275, 223-229.	4.0	74
46	Label-free strip sensor based on surface positively charged nitrogen-rich carbon nanoparticles for rapid detection of Salmonella enteritidis. <i>Biosensors and Bioelectronics</i> , 2019, 132, 360-367.	5.3	74
47	The highly efficient elimination of intracellular bacteria via a metal organic framework (MOF)-based three-in-one delivery system. <i>Nanoscale</i> , 2019, 11, 9468-9477.	2.8	71
48	Patulin removal from apple juice using a novel cysteine-functionalized metal-organic framework adsorbent. <i>Food Chemistry</i> , 2019, 270, 1-9.	4.2	70
49	Highly Sensitive Colorimetric/Surface-Enhanced Raman Spectroscopy Immunoassay Relying on a Metallic Core-Shell Au/Au Nanostar with Clenbuterol as a Target Analyte. <i>Analytical Chemistry</i> , 2021, 93, 8362-8369.	3.2	70
50	Facet-selective response of trigger molecule to CeO <sub>2</sub> {1 1 0} for up-regulating oxidase-like activity. <i>Chemical Engineering Journal</i> , 2017, 330, 746-752.	6.6	69
51	One-pot bottom-up fabrication of a 2D/2D heterojuncted nanozyme towards optimized peroxidase-like activity for sulfide ions sensing. <i>Sensors and Actuators B: Chemical</i> , 2020, 306, 127565.	4.0	69
52	Rapid fabrication of wearable carbon nanotube/graphite strain sensor for real-time monitoring of plant growth. <i>Carbon</i> , 2019, 147, 295-302.	5.4	68
53	CO <sub>2</sub> Capture with Activated Carbon Grafted by Nitrogenous Functional Groups. <i>Energy &amp; Fuels</i> , 2013, 27, 4818-4823.	2.5	67
54	Tet Enzymes Regulate Telomere Maintenance and Chromosomal Stability of Mouse ESCs. <i>Cell Reports</i> , 2016, 15, 1809-1821.	2.9	67

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55	Surface engineering of hierarchical Ni(OH) <sub>2</sub> nanosheet@nanowire configuration toward superior urea electrolysis. <i>Electrochimica Acta</i> , 2018, 268, 211-217.	2.6	67
56	Insights into rapid photodynamic inactivation mechanism of <i>Staphylococcus aureus</i> via rational design of multifunctional nitrogen-rich carbon-coated bismuth/cobalt nanoparticles. <i>Applied Catalysis B: Environmental</i> , 2019, 241, 167-177.	10.8	67
57	Nanozyme amplification mediated on-demand multiplex lateral flow immunoassay with dual-readout and broadened detection range. <i>Biosensors and Bioelectronics</i> , 2020, 169, 112610.	5.3	67
58	Enhanced visible-light-driven photocatalytic sterilization of tungsten trioxide by surface-engineering oxygen vacancy and carbon matrix. <i>Chemical Engineering Journal</i> , 2018, 348, 292-300.	6.6	66
59	In-Situ Fixation of All-Inorganic MoS <sub>2</sub> /FeS Clusters for the Highly Selective Removal of Lead(II). <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 32720-32726.	4.0	65
60	Surface Engineering of Carbon Fiber Paper toward Exceptionally High-Performance and Stable Electrochemical Nitrite Sensing. <i>ACS Sensors</i> , 2019, 4, 2980-2987.	4.0	63
61	Functional nanozyme mediated multi-readout and label-free lateral flow immunoassay for rapid detection of <i>Escherichia coli</i> O157:H7. <i>Food Chemistry</i> , 2020, 329, 127224.	4.2	63
62	Dual recognition strategy and magnetic enrichment based lateral flow assay toward <i>Salmonella enteritidis</i> detection. <i>Talanta</i> , 2020, 206, 120204.	2.9	62
63	Graphitic carbon nitride (g-C <sub>3</sub> N <sub>4</sub> )-based nanostructured materials for photodynamic inactivation: Synthesis, efficacy and mechanism. <i>Chemical Engineering Journal</i> , 2021, 404, 126528.	6.6	61
64	Agar Aerogel Containing Small-Sized Zeolitic Imidazolate Framework Loaded Carbon Nitride: A Solar-Triggered Regenerable Decontaminant for Convenient and Enhanced Water Purification. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 9347-9354.	3.2	60
65	Rational Surface Tailoring Oxygen Functional Groups on Carbon Spheres for Capacitive Mechanistic Study. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 13214-13224.	4.0	58
66	A hybrid monolithic column based on layered double hydroxide-alginate hydrogel for selective solid phase extraction of lead ions in food and water samples. <i>Food Chemistry</i> , 2018, 257, 155-162.	4.2	57
67	Nitrogen and sulfur Co-doped microporous activated carbon macro-spheres for CO <sub>2</sub> capture. <i>Journal of Colloid and Interface Science</i> , 2018, 526, 174-183.	5.0	56
68	Deep Catalytic Oxidative Desulfurization of Model Fuel Based on Modified Iron Porphyrins in Ionic Liquids: Anionic Ligand Effect. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 2050-2055.	3.2	55
69	Polydopamine nanospheres as high-affinity signal tag towards lateral flow immunoassay for sensitive furazolidone detection. <i>Food Chemistry</i> , 2020, 315, 126310.	4.2	54
70	Bacterial capture efficiency in fluid bloodstream improved by bendable nanowires. <i>Nature Communications</i> , 2018, 9, 444.	5.8	53
71	An innovative immunochromatography assay for highly sensitive detection of 17 $\beta$ -estradiol based on an indirect probe strategy. <i>Sensors and Actuators B: Chemical</i> , 2019, 289, 48-55.	4.0	53
72	Surface Engineering of a Nickel Oxide@Nickel Hybrid Nanoarray as a Versatile Catalyst for Both Superior Water and Urea Oxidation. <i>Inorganic Chemistry</i> , 2018, 57, 4693-4698.	1.9	51

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73	Energy-efficient 1.67 V single- and 0.90 V dual-electrolyte based overall water-electrolysis devices enabled by a ZIF-L derived acid-base bifunctional cobalt phosphide nanoarray. <i>Journal of Materials Chemistry A</i> , 2018, 6, 24277-24284.	5.2	51
74	Template-Free Synthesis of Honeycomblike Porous Carbon Rich in Specific 2–5 nm Mesopores from a Pitch-Based Polymer for a High-Performance Supercapacitor. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 2116-2126.	3.2	51
75	Enhanced functional properties of chitosan films incorporated with curcumin-loaded hollow graphitic carbon nitride nanoparticles for bananas preservation. <i>Food Chemistry</i> , 2022, 366, 130539.	4.2	51
76	Fluorometric determination of dopamine by using molybdenum disulfide quantum dots. <i>Mikrochimica Acta</i> , 2018, 185, 234.	2.5	50
77	Polybenzoxazine-based nitrogen-containing porous carbons for high-performance supercapacitor electrodes and carbon dioxide capture. <i>RSC Advances</i> , 2015, 5, 5331-5342.	1.7	49
78	An improved clenbuterol detection by immunochromatographic assay with bacteria@Au composite as signal amplifier. <i>Food Chemistry</i> , 2018, 262, 48-55.	4.2	49
79	Development of a specific nanobody and its application in rapid and selective determination of <i>Salmonella enteritidis</i> in milk. <i>Food Chemistry</i> , 2020, 310, 125942.	4.2	48
80	The roles of TET family proteins in development and stem cells. <i>Development (Cambridge)</i> , 2020, 147, .	1.2	48
81	An Integrating Platform of Ratiometric Fluorescent Adsorbent for Unconventional Real-Time Removing and Monitoring of Copper Ions. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 13189-13199.	4.0	46
82	Highly Sensitive and Selective Determination of Tertiary Butylhydroquinone in Edible Oils by Competitive Reaction Induced "Off-On" Fluorescent Switch. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 706-713.	2.4	45
83	Adsorptive catalysis of hierarchical porous heteroatom-doped biomass: from recovered heavy metal to efficient pollutant decontamination. <i>Journal of Materials Chemistry A</i> , 2018, 6, 16690-16698.	5.2	45
84	Ionic silver-infused peroxidase-like metal-organic frameworks as versatile "antibiotic" for enhanced bacterial elimination. <i>Nanoscale</i> , 2020, 12, 16330-16338.	2.8	45
85	Monolithic copper selenide submicron particulate film/copper foam anode catalyst for ultrasensitive electrochemical glucose sensing in human blood serum. <i>Journal of Materials Chemistry B</i> , 2018, 6, 718-724.	2.9	44
86	A photothermal and self-induced Fenton dual-modal antibacterial platform for synergistic enhanced bacterial elimination. <i>Applied Catalysis B: Environmental</i> , 2021, 295, 120315.	10.8	43
87	In-situ synthesis of self-standing cobalt-doped nickel sulfide nanoarray as a recyclable and integrated catalyst for peroxydisulfate activation. <i>Applied Catalysis B: Environmental</i> , 2022, 307, 121184.	10.8	43
88	Self-ZIF template-directed synthesis of a CoS nanoflake array as a Janus electrocatalyst for overall water splitting. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 2090-2095.	3.0	42
89	Applicability of biological dye tracer in strip biosensor for ultrasensitive detection of pathogenic bacteria. <i>Food Chemistry</i> , 2019, 274, 816-821.	4.2	42
90	Selective removal of heavy metal ions in aqueous solutions by sulfide-selector intercalated layered double hydroxide adsorbent. <i>Journal of Materials Science and Technology</i> , 2019, 35, 1809-1816.	5.6	41

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91	Surface engineering of nickel selenide nanosheets array on nickel foam: An integrated anode for glucose sensing. <i>Sensors and Actuators B: Chemical</i> , 2019, 278, 110-116.	4.0	41
92	Oxygen-rich hierarchically porous carbons derived from pitch-based oxidized spheres for boosting the supercapacitive performance. <i>Journal of Colloid and Interface Science</i> , 2019, 540, 439-447.	5.0	39
93	A signal-on fluorescent sensor for ultra-trace detection of Hg <sup>2+</sup> via Ag <sup>+</sup> mediated sulfhydryl functionalized carbon dots. <i>Carbon</i> , 2019, 149, 355-363.	5.4	39
94	Dual-signal based immunoassay for colorimetric and photothermal detection of furazolidone. <i>Sensors and Actuators B: Chemical</i> , 2021, 331, 129431.	4.0	39
95	Luminescent metal-organic frameworks (LMOFs): An emerging sensing platform for food quality and safety control. <i>Trends in Food Science and Technology</i> , 2021, 111, 716-730.	7.8	39
96	Rational design of smart adsorbent equipped with a sensitive indicator via ligand exchange: A hierarchical porous mixed-ligand MOF for simultaneous removal and detection of Hg <sup>2+</sup> . <i>Nano Research</i> , 2021, 14, 1523-1532.	5.8	38
97	Photothermal-boosted effect of binary Cu Fe bimetallic magnetic MOF heterojunction for high-performance photo-Fenton degradation of organic pollutants. <i>Science of the Total Environment</i> , 2021, 795, 148883.	3.9	38
98	DNA-mediated gold nanoparticle signal transducers for combinatorial logic operations and heavy metal ions sensing. <i>Biosensors and Bioelectronics</i> , 2015, 72, 218-224.	5.3	37
99	Thiocholine-triggered reaction in personal glucose meters for portable quantitative detection of organophosphorus pesticide. <i>Analytica Chimica Acta</i> , 2019, 1060, 97-102.	2.6	37
100	In Situ Cascade Derivation toward a Hierarchical Layered Double Hydroxide Magnetic Absorbent for High-Performance Protein Separation. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 4966-4974.	3.2	37
101	New Functional Tracerâ€”Two-Dimensional Nanosheet-Based Immunochromatographic Assay for <i>Salmonella enteritidis</i> Detection. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 6642-6649.	2.4	36
102	Copper-Sensitized Turn On Peroxidase-Like Activity of MMoO <sub>4</sub> (M = Co, Ni) Flowers for Selective Detection of Aquatic Copper Ions. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 12568-12576.	3.2	36
103	Dextran-stabilized Fe-Mn bimetallic oxidase-like nanozyme for total antioxidant capacity assay of fruit and vegetable food. <i>Food Chemistry</i> , 2022, 371, 131115.	4.2	36
104	Ultrasensitive label-free immunochromatographic strip sensor for Salmonella determination based on salt-induced aggregated gold nanoparticles. <i>Food Chemistry</i> , 2021, 343, 128518.	4.2	35
105	Antibiotic-loaded MoS <sub>2</sub> nanosheets to combat bacterial resistance via biofilm inhibition. <i>Nanotechnology</i> , 2017, 28, 225101.	1.3	34
106	Chemical-staining based lateral flow immunoassay: A nanomaterials-free and ultra-simple tool for a small molecule detection. <i>Sensors and Actuators B: Chemical</i> , 2019, 279, 427-432.	4.0	34
107	Antibiotic and mammal IgG based lateral flow assay for simple and sensitive detection of <i>Staphylococcus aureus</i> . <i>Food Chemistry</i> , 2021, 339, 127955.	4.2	34
108	Engineering multi-stage nickel oxide rod-on-sheet nanoarrays on Ni foam: A superior catalytic electrode for ultrahigh-performance electrochemical sensing of glucos. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 416-423.	4.0	33

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109	Visible light responsive, self-activated bionanocomposite films with sustained antimicrobial activity for food packaging. <i>Food Chemistry</i> , 2021, 362, 130201.	4.2	33
110	Conductive polyaniline-graphene oxide sorbent for electrochemically assisted solid-phase extraction of lead ions in aqueous food samples. <i>Analytica Chimica Acta</i> , 2020, 1100, 57-65.	2.6	32
111	Nanobodies Based on a Sandwich Immunoassay for the Detection of Staphylococcal Enterotoxin B Free from Interference by Protein A. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 5959-5968.	2.4	32
112	Highly specific and sensitive determination of propyl gallate in food by a novel fluorescence sensor. <i>Food Chemistry</i> , 2018, 256, 45-52.	4.2	31
113	Microphase Separation Engineering toward 3D Porous Carbon Assembled from Nanosheets for Flexible All-Solid-State Supercapacitors. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 13250-13260.	4.0	31
114	Mussel-inspired Fe-based Tannic acid Nanozyme: A renewable bioresource-derived high-affinity signal tag for dual-readout multiplex lateral flow immunoassay. <i>Chemical Engineering Journal</i> , 2022, 446, 137382.	6.6	29
115	Ambient self-derivation of nickel-cobalt hydroxysulfide multistage nanoarray for high-performance electrochemical glucose sensing. <i>Applied Surface Science</i> , 2020, 505, 144636.	3.1	28
116	A portable dual-mode colorimetric platform for sensitive detection of Hg <sup>2+</sup> based on NiSe <sub>2</sub> with Hg <sup>2+</sup> -Activated oxidase-like activity. <i>Biosensors and Bioelectronics</i> , 2022, 215, 114519.	5.3	28
117	An advanced and universal method to high-efficiently deproteinize plant polysaccharides by dual-functional tannic acid-Fe <sup>III</sup> complex. <i>Carbohydrate Polymers</i> , 2019, 226, 115283.	5.1	27
118	Facile synthesis of hierarchical mesopore-rich activated carbon with excellent capacitive performance. <i>Journal of Colloid and Interface Science</i> , 2019, 546, 101-112.	5.0	27
119	Rapid and selective fluorometric determination of tannic acid using MoO <sub>3-x</sub> quantum dots. <i>Mikrochimica Acta</i> , 2019, 186, 247.	2.5	27
120	Nature-inspired nanozymes as signal markers for in-situ signal amplification strategy: A portable dual-colorimetric immunochromatographic analysis based on smartphone. <i>Biosensors and Bioelectronics</i> , 2022, 210, 114289.	5.3	27
121	From lamellar to hierarchical: overcoming the diffusion barriers of sulfide-intercalated layered double hydroxides for highly efficient water treatment. <i>Journal of Materials Chemistry A</i> , 2017, 5, 22506-22511.	5.2	26
122	Highly sensitive detection of a small molecule by a paired labels recognition system based lateral flow assay. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 3161-3170.	1.9	26
123	Nanostructured morphology control and phase transition of zeolitic imidazolate frameworks as an ultra-high performance adsorbent for water purification. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 2667-2674.	3.0	26
124	An ultrasensitive sandwich chemiluminescent enzyme immunoassay based on phage-mediated double-nanobody for detection of <i>Salmonella Typhimurium</i> in food. <i>Sensors and Actuators B: Chemical</i> , 2022, 352, 131058.	4.0	26
125	Surface Oxygen Functionalization of Carbon Cloth toward Enhanced Electrochemical Dopamine Sensing. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 16063-16072.	3.2	26
126	Missing-linker engineering of Eu (III)-doped UiO-MOF for enhanced detection of heavy metal ions. <i>Chemical Engineering Journal</i> , 2022, 431, 134050.	6.6	26



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127	Interfacial growth of nitrogen-doped carbon with multi-functional groups on the MoS <sub>2</sub> skeleton for efficient Pb(II) removal. <i>Science of the Total Environment</i> , 2018, 631-632, 912-920.	3.9	25
128	Oxidase-like Fe-Mn bimetallic nanozymes for colorimetric detection of ascorbic acid in kiwi fruit. <i>LWT - Food Science and Technology</i> , 2022, 154, 112821.	2.5	25
129	Development of a streptavidin-bridged enhanced sandwich ELISA based on self-paired nanobodies for monitoring multiplex Salmonella serogroups. <i>Analytica Chimica Acta</i> , 2022, 1203, 339705.	2.6	25
130	Enhanced Exfoliation Effect of Solid Auxiliary Agent On the Synthesis of Biofunctionalized MoS <sub>2</sub> Using Grindstone Chemistry. <i>Particle and Particle Systems Characterization</i> , 2016, 33, 825-832.	1.2	24
131	Strong coordination ability of sulfur with cobalt for facilitating scale-up synthesis of Co <sub>9</sub> S <sub>8</sub> encapsulated S, N co-doped carbon as a trifunctional electrocatalyst for oxygen reduction reaction, oxygen and hydrogen evolution reaction. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 2623-2632.	5.0	24
132	Mechanical penetration of Î <sup>2</sup> -lactam-resistant Gram-negative bacteria by programmable nanowires. <i>Science Advances</i> , 2020, 6, .	4.7	23
133	Graphite-like carbon nitride-laden gold nanoparticles as signal amplification label for highly sensitive lateral flow immunoassay of 17Î <sup>2</sup> -estradiol. <i>Food Chemistry</i> , 2021, 347, 129001.	4.2	23
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