Chen Wang

List of Publications by Year
in descending order

197	7,162	73754 38	61322 76
papers	citations	h-index	g-index

208	208	208	9704
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nanoscale metalâ€“organic frameworks as smart nanocarriers for cancer therapy. Journal of Nanostructure in Chemistry, 2024, 14, 1-19.	9.0	7
2	Polyoxometalate-based plasmonic electron sponge membrane for nanofluidic osmotic energy conversion. Nature Communications, 2024, 15, .	12.8	0
3	Recent progress in metal-organic frameworks-based biosensors for pathogen detection. TrAC - Trends in Analytical Chemistry, 2024, 178, 117857.	11.7	0
4	An Alternative Low-Cost Strategy for Simultaneous Sensitive Detection of Adjacent ESR1 Mutations in Single Circulating Tumor Cell. Journal of Analysis and Testing, 2023, 7, 89-100.	5.1	2
5	Implanting of Single Zinc Sites into 2D Metalâ€“Organic Framework Nanozymes for Boosted Antibiofilm Therapy. Advanced Functional Materials, 2023, 33, .	16.0	8
6	Emerging advances in plasmonic nanoassemblies for biosensing and cell imaging. Chinese Chemical Letters, 2023, 34, 108165.	8.9	4
7	Simultaneous Sensing of Multiplex Volatile Organic Compounds by Adsorption and Plasmon Dual-Induced Raman Enhancement Technique. ACS Sensors, 2023, 8, 867-874.	7.9	7
8	Ultrasensitive Multiplex Imaging of Cell Surface Proteins via Core-Shell Surface-Enhanced Raman Scattering Nanoprobes. ACS Sensors, 2023, 8, 1348-1356.	7.9	6
9	Confined Target-Triggered Hot Spots for In Situ SERS Analysis of Intranuclear Genotoxic Markers. Analytical Chemistry, 2023, 95, 6312-6322.	6.6	2
10	Nanozyme-catalyzed cascade reaction enables a highly sensitive detection of live bacteria. Journal of Materials Chemistry B, 2023, 11, 4890-4898.	5.8	4
11	In Situ Growth of Imineâ€Bridged Anionâ€Selective COF/AAO Membrane for Ion Current Rectification and Nanofluidic Osmotic Energy Conversion. Advanced Functional Materials, 2023, 33, .	16.0	21
12	Integrated separation and detection of exosomes via a label-free magnetic SERS platform. Chemical Communications, 2023, 59, 7967-7970.	4.1	6
13	Emerging advances in optical-based analysis of bacterial motility. TrAC - Trends in Analytical Chemistry, 2023, 167, 117218.	11.7	1
14	Asymmetric Nanoporous Alumina Membranes for Nanofluidic Osmotic Energy Conversion. Chemistry - an Asian Journal, 2023, 18, .	3.4	1
15	Recent advances in nanoscale metal-organic frameworks biosensors for detection of biomarkers. Chinese Chemical Letters, 2022, 33, 22-32.	8.9	41
16	Facile fabrication and characterization of high-performance Borax-PVA hydrogel. Journal of Sol-Gel Science and Technology, 2022, 101, 103-113.	2.3	38
17	Plasmonic Nanozymes: Localized Surface Plasmonic Resonance Regulates Reaction Kinetics and Antibacterial Performance. Journal of Physical Chemistry Letters, 2022, 13, 312-323.	4.7	34
18	Shen Shuai â…¡ Recipe attenuates renal fibrosis in chronic kidney disease by improving hypoxia-induced the imbalance of mitochondrial dynamics via PGC-1Î± activation. Phytomedicine, 2022, 98, 153947.	5.3	12

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19	Fabrication of a hierarchical nanoreactor based on COFs for cascade enzyme catalysis. Chemical Communications, 2022, 58, 3933-3936.	4.1	10
20	A Temperature-Controlled Cell-Free Expression System by Dynamic Repressor. ACS Synthetic Biology, 2022, 11, 1408-1416.	3.9	5
21	MicroRNAs Are Key Molecules Involved in the Gene Regulation Network of Colorectal Cancer. Frontiers in Cell and Developmental Biology, 2022, 10, 828128.	3.7	4
22	A Transformer-Based Method of Multienergy Load Forecasting in Integrated Energy System. IEEE Transactions on Smart Grid, 2022, 13, 2703-2714.	9.6	81
23	Homochiral iron-based Î³-cyclodextrin metal-organic framework for stereoisomer separation in the open tubular capillary electrochromatography. Journal of Pharmaceutical and Biomedical Analysis, 2022, 215, 114777.	2.9	18
24	A Sustainable Strategy for Solid-Phase Extraction of Antiviral Drug from Environmental Waters by Immobilized Hydrogen Bond Acceptor. Nanomaterials, 2022, 12, 1287.	4.1	3
25	Inâ€situ grown metal organic framework synergistic system for the enantioseparation of three drugs in open tubular capillary electrochromatography. Journal of Separation Science, 2022, 45, 2708-2716.	2.8	6
26	Experimental Study on Dynamic Performance of Rock-Concrete Composite with Different Thickness Ratios. Shock and Vibration, 2022, 2022, 1-9.	0.6	0
27	Experimental Study on Dynamic Characteristics of Annular Coal Mine Sandstone after Different Temperatures. Advances in Civil Engineering, 2022, 2022, 1-10.	0.7	1
28	Study on the Dynamic Splitting Mechanical Properties of Annular Sandstone Specimens with Temperatureâ€“Water Coupling in a Coal Mine. Applied Sciences (Switzerland), 2022, 12, 4608.	2.6	6
29	Study on Mechanical Properties and Energy Consumption of Fissured Sandstone with Different Dip Angles under Impact Load. Shock and Vibration, 2022, 2022, 1-9.	0.6	2
30	Source-Load Joint Probability Prediction Based on Transformer Model. , 2022, , .		0
31	Au Nanoparticles in 2D Bimetallic Metalâ€“Organic Frameworks with Enhanced Plasmonic Nanozyme Activity for Antibacterial Therapy. ACS Applied Nano Materials, 2022, 5, 16145-16153.	5.0	12
32	Paeoniflorinâ€6â€²â€oâ€benzene sulfonate (<scp>CP</scp>â€25) improves vasculitis through inhibiting <scp>ILâ€17A</scp>/<scp>JAK</scp>/<scp>STAT3</scp> signaling pathway in endothelial cells of <scp>HFD CIA</scp> rats. Phytotherapy Research, 2021, 35, 1033-1047.	5.9	4
33	Response of ammoniaâ€oxidizing archaea and bacteria to streptomycin sulfate and penicillin in coastal wetlands along the Bohai Rim. Land Degradation and Development, 2021, 32, 1917-1926.	3.9	3
34	Enzymatic characterization, molecular dynamics simulation, and application of a novel Bacillus licheniformis laccase. International Journal of Biological Macromolecules, 2021, 167, 1393-1405.	7.6	21
35	Enhancing the functional characteristics of soy protein isolate via crossâ€linking catalyzed by Bacillus subtilis transglutaminase. Journal of the Science of Food and Agriculture, 2021, 101, 4154-4160.	3.5	19
36	Conformational Stability of Poly (N-Isopropylacrylamide) Anchored on the Surface of Gold Nanoparticles. Materials, 2021, 14, 443.	2.9	6

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37	Asymmetric organocatalytic vinylogous Michael addition triggered triple-cascade reactions of 2-hydroxycinnamaldehydes and vinylogous nucleophiles: construction of benzofused oxabicyclo[3.3.1]nonane scaffolds. Chemical Communications, 2021, 57, 1762-1765.	4.1	18
38	Multiplex Visualized Closed-Tube PCR with Hamming Distance 2 Code for 15 HPV Subtype Typing. Analytical Chemistry, 2021, 93, 5529-5536.	6.6	13
39	Sulfated glycosaminoglycans in decellularized placenta matrix as critical regulators for cutaneous wound healing. Acta Biomaterialia, 2021, 122, 199-210.	8.5	41
40	Facile, Smart, and Degradable Metalâ€“Organic Framework Nanopesticides Gated with Fe^{III}-Tannic Acid Networks in Response to Seven Biological and Environmental Stimuli. ACS Applied Materials & Interfaces, 2021, 13, 19507-19520.	8.1	76
41	Biochemical characterization of a tyrosinase from Bacillus aryabhattai and its application. International Journal of Biological Macromolecules, 2021, 176, 37-46.	7.6	16
42	Sensitive quantitation of ESR1 mutations in cell-free DNA from breast cancer patients using base-specific invasive reaction assisted qPCR. Journal of Pharmaceutical and Biomedical Analysis, 2021, 197, 113959.	2.9	2
43	Ultrasensitive plasmon enhanced Raman scattering detection of nucleolin using nanochannels of 3D hybrid plasmonic metamaterial. Biosensors and Bioelectronics, 2021, 178, 113040.	10.2	12
44	Simultaneous Enzyme-Free Detection of Multiple Long Noncoding RNAs in Cancer Cells at Single-Molecule/Particle Level. Nano Letters, 2021, 21, 4193-4201.	9.2	33
45	Ultrasensitive Detection of Bacteria Using a 2D MOF Nanozyme-Amplified Electrochemical Detector. Analytical Chemistry, 2021, 93, 8544-8552.	6.6	139
46	Catecholâ€“metal coordination-mediated nanocomposite hydrogels for on-demand drug delivery and efficacious combination therapy. Acta Biomaterialia, 2021, 129, 84-95.	8.5	41
47	Targeted metabolomic analysis of plasma fatty acids in acute myocardial infarction in young adults. Nutrition, Metabolism and Cardiovascular Diseases, 2021, 31, 3131-3141.	2.6	16
48	Study on the Mechanism of the Reversible Color Change of Polyacrylic Acid Modified Gold Nanoparticles Responding to pH. Materials, 2021, 14, 3679.	2.9	3
49	Comparison of Different Labeling Techniques for the LC-MS Profiling of Human Milk Oligosaccharides. Frontiers in Chemistry, 2021, 9, 691299.	3.6	6
50	Cyclodextrin polymer-valved MoS2-embedded mesoporous silica nanopesticides toward hierarchical targets via multidimensional stimuli of biological and natural environments. Journal of Hazardous Materials, 2021, 419, 126404.	12.4	51
51	Scanning Electron Microscopy Investigation for Monitoring the Emulsion Deteriorative Process and Its Applications in Site-Directed Reaction with Paper Fabric. Molecules, 2021, 26, 6471.	3.8	2
52	Plasmon induced dual excited synergistic effect in Au/metalâ€“organic frameworks composite for enhanced antibacterial therapy. Journal of Materials Chemistry B, 2021, 9, 9606-9614.	5.8	15
53	Modularize and Unite: Toward Creating a Functional Artificial Cell. Frontiers in Molecular Biosciences, 2021, 8, 781986.	3.5	15
54	Preparation and properties of a novel waterborne fluorinated polyurethaneâ€“acrylate hybrid emulsion modified by long aliphatic chains. Polymer Bulletin, 2020, 77, 2249-2267.	3.2	16

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55	Inâ€situ SHINERS Study of the Size and Composition Effect of Ptâ€based Nanocatalysts in Catalytic Hydrogenation. ChemCatChem, 2020, 12, 75-79.	3.7	25
56	Fabrication of Bioâ€Inspired 2D MOFs/PAA Hybrid Membrane for Asymmetric Ion Transport. Advanced Functional Materials, 2020, 30, 1908804.	16.0	76
57	The abundance and community structure of active ammonia-oxidizing archaea and ammonia-oxidizing bacteria shape their activities and contributions in coastal wetlands. Water Research, 2020, 171, 115464.	11.2	36
58	Non-linear mass transport in confined nanofluidic devices for label-free bioanalysis/sensors. TrAC - Trends in Analytical Chemistry, 2020, 123, 115760.	11.7	14
59	Enhancing the thermostability of phospholipase D from Streptomyces halstedii by directed evolution and elucidating the mechanism of a key amino acid residue using molecular dynamics simulation. International Journal of Biological Macromolecules, 2020, 164, 3065-3074.	7.6	14
60	3D Printing of Well Dispersed Electrospun PLGA Fiber Toughened Calcium Phosphate Scaffolds for Osteoanagenesis. Journal of Bionic Engineering, 2020, 17, 652-668.	5.0	15
61	A Sustainable and Efficient Artificial Microgel System: Toward Creating a Configurable Synthetic Cell. Small, 2020, 16, e2002313.	10.9	11
62	The determination of a novel inducible WY172 promoter derived from Oidium heveae HO-73. Plant Cell, Tissue and Organ Culture, 2020, 143, 377-387.	2.4	0
63	WY195, a New Inducible Promoter From the Rubber Powdery Mildew Pathogen, Can Be Used as an Excellent Tool for Genetic Engineering. Frontiers in Microbiology, 2020, 11, 610252.	3.5	1
64	Energy Storage Economic Analysis of Multi-Application Scenarios in an Electricity Market: A Case Study of China. Sustainability, 2020, 12, 8703.	3.3	8
65	In Situ Fabrication of Ultrasmall Gold Nanoparticles/2D MOFs Hybrid as Nanozyme for Antibacterial Therapy. Small, 2020, 16, e2000553.	10.9	171
66	Etanercept Inhibits B Cell Differentiation by Regulating TNFRII/TRAF2/NF-ÎºB Signaling Pathway in Rheumatoid Arthritis. Frontiers in Pharmacology, 2020, 11, 676.	3.6	5
67	WY7 is a newly identified promoter from the rubber powdery mildew pathogen that regulates exogenous gene expression in both monocots and dicots. PLoS ONE, 2020, 15, e0233911.	2.5	8
68	Ionic current rectification in asymmetric nanofluidic devices. Chinese Chemical Letters, 2020, 31, 2414-2422.	8.9	16
69	Real-time detection of single-molecule reaction by plasmon-enhanced spectroscopy. Science Advances, 2020, 6, eaba6012.	10.7	45
70	In situsynthesis of a MOFs/PAA hybrid with ultrahigh ionic current rectification. Nanoscale, 2020, 12, 11899-11907.	5.6	13
71	Use of Biosensors for Mycotoxins Analysis in Food Stuff. , 2020, , 171-201.		5
72	A programmable polymer library that enables the construction of stimuli-responsive nanocarriers containing logic gates. Nature Chemistry, 2020, 12, 381-390.	13.7	131

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73	Ultrasensitive and Label-Free Detection of Cell Surface Glycan Using Nanochannel-Ionchannel Hybrid Coupled with Electrochemical Detector. Analytical Chemistry, 2020, 92, 5509-5516.	6.6	29
74	Dendrimer-Au Nanoparticle Network Covered Alumina Membrane for Ion Rectification and Enhanced Bioanalysis. Nano Letters, 2020, 20, 1846-1854.	9.2	78
75	Synthesis of gemini ammonium sulfobetaine and its proppant suspension and gel-breaking mechanisms. RSC Advances, 2020, 10, 7879-7886.	3.7	8
76	One-pot copper-catalyzed three-component reaction: a modular approach to functionalized 2-quinolones. RSC Advances, 2020, 10, 7855-7866.	3.7	5
77	Enhanced piezo-photocatalytic performance by piezoelectric and visible light photoexcitation coupling through piezoelectric Na_{0.5}Bi_{0.5}TiO₃ micron crystals. RSC Advances, 2020, 10, 7443-7451.	3.7	60
78	Smartphoneâ€Based Biosensors. , 2020, , 357-387.		5
79	Surface Changes of LiNi_xMn_yCo_{1â€“xâ€“y}O₂ in Li-Ion Batteries Using in Situ Surface-Enhanced Raman Spectroscopy. Journal of Physical Chemistry C, 2020, 124, 4024-4031.	3.2	32
80	Thermoresponsivity, Micelle Structure, and Thermal-Induced Structural Transition of an Amphiphilic Block Copolymer Tuned by Terminal Multiple H-Bonding Units. Langmuir, 2020, 36, 956-965.	3.6	15
81	A hydrophilic two-dimensional titanium-based metal-organic framework nanosheets for specific enrichment of glycopeptides. Analytica Chimica Acta, 2020, 1119, 60-67.	5.4	26
82	A Modal Parameter Identification Method Based on Improved Covariance-Driven Stochastic Subspace Identification. Journal of Engineering for Gas Turbines and Power, 2020, 142, .	1.2	8
83	PalmBoard: Leveraging Implicit Touch Pressure in Statistical Decoding for Indirect Text Entry. , 2020, , .		8
84	Forelimb joints contribute to locomotor performance in reindeer (Rangifer tarandus) by maintaining stability and storing energy. PeerJ, 2020, 8, e10278.	2.0	9
85	Exploring the characteristics of dissolved organic matter and succession of bacterial community during composting. Bioresource Technology, 2019, 292, 121942.	9.6	85
86	Self-supporting three-dimensional carboxymethyl cellulose conductive sponges used as electrodes for lithium-ion batteries. Cellulose, 2019, 26, 8025-8036.	5.0	7
87	Fine-Tuning Ho-Based Red-Upconversion Luminescence by Altering NaHoF₄ Core Size and NaYbF₄ Shell Thickness. Chemistry of Materials, 2019, 31, 7898-7909.	6.8	38
88	FALEC exerts oncogenic properties to regulate cell proliferation and cell-cycle in endometrial cancer. Biomedicine and Pharmacotherapy, 2019, 118, 109212.	5.7	6
89	AgBiS₂-TPP nanocomposite for mitochondrial targeting photodynamic therapy, photothermal therapy and bio-imaging under 808 nm NIR laser irradiation. Biomaterials Science, 2019, 7, 4769-4781.	5.4	23
90	O₂-Generating Metalâ€“Organic Framework-Based Hydrophobic Photosensitizer Delivery System for Enhanced Photodynamic Therapy. ACS Applied Materials & Interfaces, 2019, 11, 36347-36358.	8.1	96

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91	The top-down synthesis of sequentially controlled architectures for honeycomb-layered Na₃Ni₂BiO₆ towards high-voltage and superior performance cathodes for sodium-ion batteries. Journal of Materials Chemistry A, 2019, 7, 1797-1809.	10.3	23
92	Growth of U-Shaped Graphene Domains on Copper Foil by Chemical Vapor Deposition. Materials, 2019, 12, 1887.	2.9	2
93	Urine macrophages reflect kidney macrophage content during acute tubular interstitial and glomerular injury. Clinical Immunology, 2019, 205, 65-74.	3.2	22
94	Micro/nanofluidic technologies for efficient isolation and detection of circulating tumor cells. TrAC - Trends in Analytical Chemistry, 2019, 117, 101-115.	11.7	27
95	Controllable synthesis of N-doped aligned carbon nanotubes from melamine-based carbon by water-assisted chemical vapor deposition. Fullerenes Nanotubes and Carbon Nanostructures, 2019, 27, 729-735.	2.1	2
96	Boosting Electrocatalytic Hydrogen Evolution over Metalâ€“Organic Frameworks by Plasmonâ€Induced Hotâ€Electron Injection. Angewandte Chemie, 2019, 131, 10823-10827.	2.1	23
97	Boosting Electrocatalytic Hydrogen Evolution over Metalâ€“Organic Frameworks by Plasmonâ€Induced Hotâ€Electron Injection. Angewandte Chemie - International Edition, 2019, 58, 10713-10717.	14.2	135
98	Recent applications of metalâ€“organic frameworks in matrix-assisted laser desorption/ionization mass spectrometry. Analytical and Bioanalytical Chemistry, 2019, 411, 4509-4522.	3.8	14
99	Specific cell capture and noninvasive release via moderate electrochemical oxidation of boronic ester linkage. Biosensors and Bioelectronics, 2019, 138, 111316.	10.2	6
100	High-performance bioanalysis based on ion concentration polarization of micro-/nanofluidic devices. Analytical and Bioanalytical Chemistry, 2019, 411, 4007-4016.	3.8	28
101	Plasmonic hot charge carriers activated Ni centres of metalâ€“organic frameworks for the oxygen evolution reaction. Journal of Materials Chemistry A, 2019, 7, 10601-10609.	10.3	58
102	Switchable up-conversion luminescence bioimaging and targeted photothermal ablation in one coreâ€“shell-structured nanohybrid by alternating near-infrared light. Dalton Transactions, 2019, 48, 5817-5830.	3.3	8
103	Facile Preparation and Properties of Ionic-Bonded Hydrophobically Associating Anionic Sesbania Gum. Journal of Polymers and the Environment, 2019, 27, 767-773.	5.0	1
104	Insights into direct plasmon-activated eletrocatalysis on gold nanostar via efficient photothermal effect and reduced activation energy. Electrochimica Acta, 2019, 301, 359-365.	5.3	30
105	Low Power Single Laser Activated Synergistic Cancer Phototherapy Using Photosensitizer Functionalized Dual Plasmonic Photothermal Nanoagents. ACS Nano, 2019, 13, 2544-2557.	14.9	90
106	Direct Plasmon-Enhanced Electrochemistry for Enabling Ultrasensitive and Label-Free Detection of Circulating Tumor Cells in Blood. Analytical Chemistry, 2019, 91, 4413-4420.	6.6	93
107	Biomimetic Nanochannel-Ionchannel Hybrid for Ultrasensitive and Label-Free Detection of MicroRNA in Cells. Analytical Chemistry, 2019, 91, 3582-3589.	6.6	70
108	Near-infrared light induced cationic polymerization based on upconversion and ferrocenium photochemistry. Polymer Chemistry, 2019, 10, 5574-5577.	3.9	28

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109	Enhanced Electrocatalysis via Boosted Separation of Hot Charge Carriers of Plasmonic Gold Nanoparticles Deposited on Reduced Graphene Oxide. ChemElectroChem, 2019, 6, 1419-1426.	3.4	11
110	Paeoniflorin-6â€²-O-benzene sulfonate alleviates collagen-induced arthritis in mice by downregulating BAFF-TRAF2-NF-ÎºB signaling: comparison with biological agents. Acta Pharmacologica Sinica, 2019, 40, 801-813.	6.0	30
111	Enhancing the Performance of Motive Power Lead-Acid Batteries by High Surface Area Carbon Black Additives. Applied Sciences (Switzerland), 2019, 9, 186.	2.6	21
112	Importance of denitrification driven by the relative abundances of microbial communities in coastal wetlands. Environmental Pollution, 2019, 244, 47-54.	7.6	42
113	Nanochannelâ€“Ion Channel Hybrid Device for Ultrasensitive Monitoring of Biomolecular Recognition Events. Analytical Chemistry, 2019, 91, 1185-1193.	6.6	60
114	Carboxymethyl fenugreek gum: Rheological characterization and as a novel binder for silicon anode of lithium-ion batteries. International Journal of Biological Macromolecules, 2018, 115, 672-679.	7.6	16
115	A novel coreâ€“shell structured upconversion nanorod as a multimodal bioimaging and photothermal ablation agent for cancer theranostics. Journal of Materials Chemistry B, 2018, 6, 2597-2607.	5.8	43
116	Recent Development of Thermoelectric Polymers and Composites. Macromolecular Rapid Communications, 2018, 39, e1700727.	4.3	229
117	Plasmon-Enhanced Ultrasensitive Surface Analysis Using Ag Nanoantenna. Analytical Chemistry, 2018, 90, 2018-2022.	6.6	31
118	Poly(lactic acid)/poly(ethylene glycol) stereocomplexed physical hydrogels showing thermally-induced gelâ€“solâ€“gel multiple phase transitions. Materials Chemistry Frontiers, 2018, 2, 313-322.	5.8	22
119	Self-assembly and rheological behaviors of intermacromolecular complexes consisting of oppositely charged fluorinated guar gums. Carbohydrate Polymers, 2018, 184, 333-341.	10.3	9
120	Thermosensitive behavior of hydrophobically associating anionic guar gum solutions and gels. International Journal of Biological Macromolecules, 2018, 111, 169-177.	7.6	7
121	Synthesis and luminescence properties of NaGdF₄: Yb³⁺, Ce³⁺, and Ho³⁺ upconversion nanoparticles doped with Zn²⁺. CrystEngComm, 2018, 20, 2663-2668.	2.3	12
122	Morphological traits of a distylous taxon, Persicaria odorata subsp. conspicua (Polygonaceae). Flora: Morphology, Distribution, Functional Ecology of Plants, 2018, 243, 58-66.	1.3	2
123	Glycosaminoglycanomic profiling of human milk in different stages of lactation by liquid chromatography-tandem mass spectrometry. Food Chemistry, 2018, 258, 231-236.	8.2	12
124	On-chip microfluidic generation of monodisperse bubbles for liquid interfacial tension measurement. Talanta, 2018, 176, 646-651.	5.6	4
125	Asymmetric Nanochannelâ€“Ionchannel Hybrid for Ultrasensitive and Label-Free Detection of Copper Ions in Blood. Analytical Chemistry, 2018, 90, 896-902.	6.6	87
126	Influence of sodium dodecyl sulfate coating on adsorption of methylene blue by biochar from aqueous solution. Journal of Environmental Sciences, 2018, 70, 166-174.	6.2	43

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127	Combining plasmonics and electrochemistry at the nanoscale. Current Opinion in Electrochemistry, 2018, 7, 95-102.	5.1	35
128	A convolution neural network for dolphin species identification using echolocation clicks signal. , 2018, , .		3
129	Importance of Hot Spots in Gold Nanostructures on Direct Plasmon-Enhanced Electrochemistry. ACS Applied Nano Materials, 2018, 1, 5805-5811.	5.0	39
130	Enhancement of Conductivity and Thermoelectric Property of PEDOT:PSS via Acid Doping and Single Postâ€Treatment for Flexible Power Generator. Advanced Sustainable Systems, 2018, 2, 1800085.	5.5	112
131	Fluorinated anionic fenugreek gum: their self-assembly behaviors and use as a novel thickening agent in fracturing gel. RSC Advances, 2018, 8, 18734-18744.	3.7	1
132	Thermo and pH Dual â€“ Actuating Smart Porous Anodic Aluminum for Controllable Drug Release. Advanced Materials Interfaces, 2018, 5, 1800185.	4.0	17
133	Plasmon Coupling Effect-Enhanced Imaging of Metal Ions in Living Cells Using DNAzyme Assembled Coreâ€“Satellite Structures. ACS Applied Materials & Interfaces, 2018, 10, 33966-33975.	8.1	21
134	Rheological and fracturing characteristics of a novel sulfonated hydroxypropyl guar gum. International Journal of Biological Macromolecules, 2018, 117, 974-982.	7.6	26
135	Enhanced Peroxidaseâ€Like Performance of Gold Nanoparticles by Hot Electrons. Chemistry - A European Journal, 2017, 23, 6717-6723.	3.8	71
136	Direct Plasmon-Accelerated Electrochemical Reaction on Gold Nanoparticles. ACS Nano, 2017, 11, 5897-5905.	14.9	223
137	Sphingosine-1-phosphate and its receptors in anti-neutrophil cytoplasmic antibody-associated vasculitis. Nephrology Dialysis Transplantation, 2017, 32, 1313-1322.	0.7	16
138	In situ dynamic tracking of heterogeneous nanocatalytic processes by shell-isolated nanoparticle-enhanced Raman spectroscopy. Nature Communications, 2017, 8, 15447.	12.8	194
139	Label-free monitoring of the thrombinâ€“aptamer recognition reaction using an array of nanochannels coupled with electrochemical detection. Electrochemistry Communications, 2017, 81, 5-9.	4.6	27
140	Energy Level Engineering of MoS₂ by Transition-Metal Doping for Accelerating Hydrogen Evolution Reaction. Journal of the American Chemical Society, 2017, 139, 15479-15485.	14.1	751
141	Ultrasensitive Capture, Detection, and Release of Circulating Tumor Cells Using a Nanochannelâ€“Ion Channel Hybrid Coupled with Electrochemical Detection Technique. Analytical Chemistry, 2017, 89, 10957-10964.	6.6	136
142	Engineering the Surface of Smart Nanocarriers Using a pHâ€/Thermalâ€/GSHâ€Responsive Polymer Zipper for Precise Tumor Targeting Therapy In Vivo. Advanced Materials, 2017, 29, 1702311.	23.6	108
143	Multimodal imaging and photothermal therapy were simultaneously achieved in the coreâ€“shell UCNR structure by using single near-infrared light. Dalton Transactions, 2017, 46, 12147-12157.	3.3	23
144	Revealing the Role of Interfacial Properties on Catalytic Behaviors by in Situ Surface-Enhanced Raman Spectroscopy. Journal of the American Chemical Society, 2017, 139, 10339-10346.	14.1	133

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145	HPLCâ€“MS/MS targeted metabolic profiling reveals distinct metabolic profiles from Staphylococcus aureus small-colony variants. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1060, 340-346.	2.4	6
146	CP-25, a Novel Anti-inflammatory and Immunomodulatory Drug, Inhibits the Functions of Activated Human B Cells through Regulating BAFF and TNF-alpha Signaling and Comparative Efficacy with Biological Agents. Frontiers in Pharmacology, 2017, 8, 933.	3.6	26
147	Chirality Relay in 2,2â€²â€Substituted 1,1â€²â€Binaphthyl: Access to Propeller Chirality of the Tricoordinate Boron Center. Chemistry - A European Journal, 2016, 22, 16750-16754.	3.8	24
148	Autophagy is induced by anti-neutrophil cytoplasmic Abs and promotes neutrophil extracellular traps formation. Innate Immunity, 2016, 22, 658-665.	2.4	45
149	A highly twisted triarylborane-based biphenyl as an efficient host for blue and green phosphorescent OLEDs. Journal of Materials Chemistry C, 2016, 4, 7607-7613.	5.4	19
150	On the formation of galactic black hole low-mass X-ray binaries. Monthly Notices of the Royal Astronomical Society, 2016, 457, 1015-1027.	4.5	26
151	A novel device of array nanochannels integrated electrochemical detector for detection of amyloid Î² aggregation and inhibitor screening. Electrochemistry Communications, 2016, 66, 25-28.	4.6	15
152	Dynamin-related protein 1 is involved in micheliolide-induced breast cancer cell death. OncoTargets and Therapy, 2015, 8, 3371.	2.1	20
153	Morpholino-Functionalized Nanochannel Array for Label-Free Single Nucleotide Polymorphisms Detection. Analytical Chemistry, 2015, 87, 3936-3941.	6.6	55
154	Hot Electron of Au Nanorods Activates the Electrocatalysis of Hydrogen Evolution on MoS₂ Nanosheets. Journal of the American Chemical Society, 2015, 137, 7365-7370.	14.1	576
155	Fast and sensitive detection of protein concentration in mild environments. Talanta, 2015, 135, 102-107.	5.6	6
156	Ultrasensitive Protein Concentration Detection on a Micro/Nanofluidic Enrichment Chip Using Fluorescence Quenching. ACS Applied Materials & Interfaces, 2015, 7, 6835-6841.	8.1	25
157	Involvement of high mobility group box 1 in the activation of C5a-primed neutrophils induced by ANCA. Clinical Immunology, 2015, 159, 47-57.	3.2	18
158	Charge-Transfer Emission in Organoboron-Based Biphenyls: Effect of Substitution Position and Conformation. Journal of Organic Chemistry, 2015, 80, 10914-10924.	3.2	31
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