

Chen Wang

List of Publications by Year in descending order

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197
papers

7,162
citations

73754

38
h-index

61322

76
g-index

208
all docs

208
docs citations

208
times ranked

9704
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy Level Engineering of MoS ₂ by Transition-Metal Doping for Accelerating Hydrogen Evolution Reaction. <i>Journal of the American Chemical Society</i> , 2017, 139, 15479-15485.	14.1	751
2	Hot Electron of Au Nanorods Activates the Electrocatalysis of Hydrogen Evolution on MoS ₂ Nanosheets. <i>Journal of the American Chemical Society</i> , 2015, 137, 7365-7370.	14.1	576
3	Recent Development of Thermoelectric Polymers and Composites. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1700727.	4.3	229
4	Direct Plasmon-Accelerated Electrochemical Reaction on Gold Nanoparticles. <i>ACS Nano</i> , 2017, 11, 5897-5905.	14.9	223
5	In situ dynamic tracking of heterogeneous nanocatalytic processes by shell-isolated nanoparticle-enhanced Raman spectroscopy. <i>Nature Communications</i> , 2017, 8, 15447.	12.8	194
6	In Situ Fabrication of Ultrasmall Gold Nanoparticles/2D MOFs Hybrid as Nanozyme for Antibacterial Therapy. <i>Small</i> , 2020, 16, e2000553.	10.9	171
7	Ultrasensitive Detection of Bacteria Using a 2D MOF Nanozyme-Amplified Electrochemical Detector. <i>Analytical Chemistry</i> , 2021, 93, 8544-8552.	6.6	139
8	A Nanochannel Array-Based Electrochemical Device for Quantitative Label-free DNA Analysis. <i>ACS Nano</i> , 2010, 4, 6417-6424.	14.9	136
9	Ultrasensitive Capture, Detection, and Release of Circulating Tumor Cells Using a Nanochannel-Ion Channel Hybrid Coupled with Electrochemical Detection Technique. <i>Analytical Chemistry</i> , 2017, 89, 10957-10964.	6.6	136
10	Boosting Electrocatalytic Hydrogen Evolution over Metal-Organic Frameworks by Plasmon-Induced Hot-Electron Injection. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10713-10717.	14.2	135
11	Revealing the Role of Interfacial Properties on Catalytic Behaviors by <i>in Situ</i> Surface-Enhanced Raman Spectroscopy. <i>Journal of the American Chemical Society</i> , 2017, 139, 10339-10346.	14.1	133
12	A programmable polymer library that enables the construction of stimuli-responsive nanocarriers containing logic gates. <i>Nature Chemistry</i> , 2020, 12, 381-390.	13.7	131
13	Enhancement of Conductivity and Thermoelectric Property of PEDOT:PSS via Acid Doping and Single Post-treatment for Flexible Power Generator. <i>Advanced Sustainable Systems</i> , 2018, 2, 1800085.	5.5	112
14	Engineering the Surface of Smart Nanocarriers Using a pH/Thermal/GSH-Responsive Polymer Zipper for Precise Tumor Targeting Therapy In Vivo. <i>Advanced Materials</i> , 2017, 29, 1702311.	23.6	108
15	O ₂ -Generating Metal-Organic Framework-Based Hydrophobic Photosensitizer Delivery System for Enhanced Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 36347-36358.	8.1	96
16	Direct Plasmon-Enhanced Electrochemistry for Enabling Ultrasensitive and Label-Free Detection of Circulating Tumor Cells in Blood. <i>Analytical Chemistry</i> , 2019, 91, 4413-4420.	6.6	93
17	Low Power Single Laser Activated Synergistic Cancer Phototherapy Using Photosensitizer Functionalized Dual Plasmonic Photothermal Nanoagents. <i>ACS Nano</i> , 2019, 13, 2544-2557.	14.9	90
18	Asymmetric Nanochannel-Ionchannel Hybrid for Ultrasensitive and Label-Free Detection of Copper Ions in Blood. <i>Analytical Chemistry</i> , 2018, 90, 896-902.	6.6	87

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19	Exploring the characteristics of dissolved organic matter and succession of bacterial community during composting. <i>Bioresource Technology</i> , 2019, 292, 121942.	9.6	85
20	A Transformer-Based Method of Multienergy Load Forecasting in Integrated Energy System. <i>IEEE Transactions on Smart Grid</i> , 2022, 13, 2703-2714.	9.6	81
21	Dendrimer-Au Nanoparticle Network Covered Alumina Membrane for Ion Rectification and Enhanced Bioanalysis. <i>Nano Letters</i> , 2020, 20, 1846-1854.	9.2	78
22	Fabrication of Bio-Inspired 2D MOFs/PAA Hybrid Membrane for Asymmetric Ion Transport. <i>Advanced Functional Materials</i> , 2020, 30, 1908804.	16.0	76
23	Facile, Smart, and Degradable Metal-Organic Framework Nanopesticides Gated with Fe ^{III} -Tannic Acid Networks in Response to Seven Biological and Environmental Stimuli. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 19507-19520.	8.1	76
24	Enhanced Peroxidase-Like Performance of Gold Nanoparticles by Hot Electrons. <i>Chemistry - A European Journal</i> , 2017, 23, 6717-6723.	3.8	71
25	Biomimetic Nanochannel-Ionchannel Hybrid for Ultrasensitive and Label-Free Detection of MicroRNA in Cells. <i>Analytical Chemistry</i> , 2019, 91, 3582-3589.	6.6	70
26	Study on the kinetics of homogeneous enzyme reactions in a micro/nanofluidics device. <i>Lab on A Chip</i> , 2010, 10, 639-646.	5.9	61
27	Nanochannel-Ion Channel Hybrid Device for Ultrasensitive Monitoring of Biomolecular Recognition Events. <i>Analytical Chemistry</i> , 2019, 91, 1185-1193.	6.6	60
28	Enhanced piezo-photocatalytic performance by piezoelectric and visible light photoexcitation coupling through piezoelectric Na _{0.5} Bi _{0.5} TiO ₃ micron crystals. <i>RSC Advances</i> , 2020, 10, 7443-7451.	3.7	60
29	Plasmonic hot charge carriers activated Ni centres of metal-organic frameworks for the oxygen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2019, 7, 10601-10609.	10.3	58
30	Morpholino-Functionalized Nanochannel Array for Label-Free Single Nucleotide Polymorphisms Detection. <i>Analytical Chemistry</i> , 2015, 87, 3936-3941.	6.6	55
31	Cyclodextrin polymer-valved MoS ₂ -embedded mesoporous silica nanopesticides toward hierarchical targets via multidimensional stimuli of biological and natural environments. <i>Journal of Hazardous Materials</i> , 2021, 419, 126404.	12.4	51
32	Triarylboranes with a 2-Dimesitylboryl-2-dimethylamino)biphenyl Core Unit: Structure-Property Correlations and Sensing Abilities to Discriminate Between F ⁺ and CN ⁺ Ions. <i>Chemistry - A European Journal</i> , 2014, 20, 16590-16601.	3.8	46
33	Autophagy is induced by anti-neutrophil cytoplasmic Abs and promotes neutrophil extracellular traps formation. <i>Innate Immunity</i> , 2016, 22, 658-665.	2.4	45
34	Real-time detection of single-molecule reaction by plasmon-enhanced spectroscopy. <i>Science Advances</i> , 2020, 6, eaba6012.	10.7	45
35	A novel core-shell structured upconversion nanorod as a multimodal bioimaging and photothermal ablation agent for cancer theranostics. <i>Journal of Materials Chemistry B</i> , 2018, 6, 2597-2607.	5.8	43
36	Influence of sodium dodecyl sulfate coating on adsorption of methylene blue by biochar from aqueous solution. <i>Journal of Environmental Sciences</i> , 2018, 70, 166-174.	6.2	43

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37	Importance of denitrification driven by the relative abundances of microbial communities in coastal wetlands. <i>Environmental Pollution</i> , 2019, 244, 47-54.	7.6	42
38	Highly sensitive rapid chemiluminescent immunoassay using the DNAzyme label for signal amplification. <i>Analyst</i> , The, 2011, 136, 4295.	3.5	41
39	Direct electrochemical and AFM detection of amyloid- β^2 peptide aggregation on basal plane HOPG. <i>Nanoscale</i> , 2014, 6, 7853-7857.	5.6	41
40	Sulfated glycosaminoglycans in decellularized placenta matrix as critical regulators for cutaneous wound healing. <i>Acta Biomaterialia</i> , 2021, 122, 199-210.	8.5	41
41	Recent advances in nanoscale metal-organic frameworks biosensors for detection of biomarkers. <i>Chinese Chemical Letters</i> , 2022, 33, 22-32.	8.9	41
42	Catechol-metal coordination-mediated nanocomposite hydrogels for on-demand drug delivery and efficacious combination therapy. <i>Acta Biomaterialia</i> , 2021, 129, 84-95.	8.5	41
43	Coagulation and Fibrinolysis Index Profile in Patients with ANCA-Associated Vasculitis. <i>PLoS ONE</i> , 2014, 9, e97843.	2.5	39
44	Importance of Hot Spots in Gold Nanostructures on Direct Plasmon-Enhanced Electrochemistry. <i>ACS Applied Nano Materials</i> , 2018, 1, 5805-5811.	5.0	39
45	Real-Time Monitoring of Mass Transport-Related Enzymatic Reaction Kinetics in a Nanochannel Array Reactor. <i>Chemistry - A European Journal</i> , 2010, 16, 10186-10194.	3.8	38
46	Fine-Tuning Ho-Based Red-Upconversion Luminescence by Altering NaHoF ₄ Core Size and NaYbF ₄ Shell Thickness. <i>Chemistry of Materials</i> , 2019, 31, 7898-7909.	6.8	38
47	Facile fabrication and characterization of high-performance Borax-PVA hydrogel. <i>Journal of Sol-Gel Science and Technology</i> , 2022, 101, 103-113.	2.3	38
48	Preparation and properties of a novel waterborne fluorinated polyurethane-acrylate hybrid emulsion. <i>Colloid and Polymer Science</i> , 2014, 292, 579-587.	2.1	36
49	The abundance and community structure of active ammonia-oxidizing archaea and ammonia-oxidizing bacteria shape their activities and contributions in coastal wetlands. <i>Water Research</i> , 2020, 171, 115464.	11.2	36
50	Combining plasmonics and electrochemistry at the nanoscale. <i>Current Opinion in Electrochemistry</i> , 2018, 7, 95-102.	5.1	35
51	Rapid protein concentration, efficient fluorescence labeling and purification on a micro/nanofluidics chip. <i>Lab on A Chip</i> , 2012, 12, 2664.	5.9	34
52	Insights into the "free state" enzyme reaction kinetics in nanoconfinement. <i>Lab on A Chip</i> , 2013, 13, 1546.	5.9	34
53	Genome-Wide Analysis of DNA Methylation in Five Tissues of Zhikong Scallop, <i>Chlamys farreri</i> . <i>PLoS ONE</i> , 2014, 9, e86232.	2.5	34
54	Plasmonic Nanozymes: Localized Surface Plasmonic Resonance Regulates Reaction Kinetics and Antibacterial Performance. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 312-323.	4.7	34

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55	Simultaneous Enzyme-Free Detection of Multiple Long Noncoding RNAs in Cancer Cells at Single-Molecule/Particle Level. <i>Nano Letters</i> , 2021, 21, 4193-4201.	9.2	33
56	A rapid and sensitive method for hydroxyl radical detection on a microfluidic chip using an N-doped porous carbon nanofiber modified pencil graphite electrode. <i>Analyst, The</i> , 2014, 139, 3416.	3.5	32
57	Sensitive Assay of Protease Activity on a Micro/Nanofluidics Preconcentrator Fused with the Fluorescence Resonance Energy Transfer Detection Technique. <i>Analytical Chemistry</i> , 2014, 86, 3216-3221.	6.6	32
58	Surface Changes of LiNi _x Mn _y Co _{1-x-y} O ₂ in Li-Ion Batteries Using in Situ Surface-Enhanced Raman Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2020, 124, 4024-4031.	3.2	32
59	Core-Shell Ag@SiO ₂ Nanoparticles Concentrated on a Micro/Nanofluidic Device for Surface Plasmon Resonance-Enhanced Fluorescent Detection of Highly Reactive Oxygen Species. <i>Analytical Chemistry</i> , 2014, 86, 3013-3019.	6.6	31
60	Charge-Transfer Emission in Organoboron-Based Biphenyls: Effect of Substitution Position and Conformation. <i>Journal of Organic Chemistry</i> , 2015, 80, 10914-10924.	3.2	31
61	Plasmon-Enhanced Ultrasensitive Surface Analysis Using Ag Nanoantenna. <i>Analytical Chemistry</i> , 2018, 90, 2018-2022.	6.6	31
62	Insights into direct plasmon-activated electrocatalysis on gold nanostar via efficient photothermal effect and reduced activation energy. <i>Electrochimica Acta</i> , 2019, 301, 359-365.	5.3	30
63	Paeoniflorin-6-O-benzene sulfonate alleviates collagen-induced arthritis in mice by downregulating BAFF-TRAF2-NF- κ B signaling: comparison with biological agents. <i>Acta Pharmacologica Sinica</i> , 2019, 40, 801-813.	6.0	30
64	Ultrasensitive and Label-Free Detection of Cell Surface Glycan Using Nanochannel-Ionchannel Hybrid Coupled with Electrochemical Detector. <i>Analytical Chemistry</i> , 2020, 92, 5509-5516.	6.6	29
65	Nanoconfinement Effects: Glucose Oxidase Reaction Kinetics in Nanofluidics. <i>ChemPhysChem</i> , 2012, 13, 762-768.	2.3	28
66	High-performance bioanalysis based on ion concentration polarization of micro-/nanofluidic devices. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 4007-4016.	3.8	28
67	Near-infrared light induced cationic polymerization based on upconversion and ferrocenium photochemistry. <i>Polymer Chemistry</i> , 2019, 10, 5574-5577.	3.9	28
68	Label-free monitoring of the thrombin aptamer recognition reaction using an array of nanochannels coupled with electrochemical detection. <i>Electrochemistry Communications</i> , 2017, 81, 5-9.	4.6	27
69	Micro/nanofluidic technologies for efficient isolation and detection of circulating tumor cells. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 117, 101-115.	11.7	27
70	On the formation of galactic black hole low-mass X-ray binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 1015-1027.	4.5	26
71	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. <i>Frontiers in Pharmacology</i> , 2017, 8, 933.	3.6	26
72	Rheological and fracturing characteristics of a novel sulfonated hydroxypropyl guar gum. <i>International Journal of Biological Macromolecules</i> , 2018, 117, 974-982.	7.6	26

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73	A hydrophilic two-dimensional titanium-based metal-organic framework nanosheets for specific enrichment of glycopeptides. <i>Analytica Chimica Acta</i> , 2020, 1119, 60-67.	5.4	26
74	Electrochemical Characteristics of Nickel Hexacyanoferrate Monolayer Anchoring to Bi-(2-aminoethyl)-aminodithiocarboxyl Acid Self-assembled Film Modified Electrode.. <i>Analytical Sciences</i> , 2000, 16, 231-234.	1.6	25
75	Associating and rheological behaviors of fluorinated cationic guar gum in aqueous solutions. <i>Carbohydrate Polymers</i> , 2013, 95, 637-643.	10.3	25
76	Ultrasensitive Protein Concentration Detection on a Micro/Nanofluidic Enrichment Chip Using Fluorescence Quenching. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 6835-6841.	8.1	25
77	<i>In Situ</i> SHINERS Study of the Size and Composition Effect of Pt-based Nanocatalysts in Catalytic Hydrogenation. <i>ChemCatChem</i> , 2020, 12, 75-79.	3.7	25
78	Chirality Relay in 2,2'-Substituted 1,1'-Binaphthyl: Access to Propeller Chirality of the Tricoordinate Boron Center. <i>Chemistry - A European Journal</i> , 2016, 22, 16750-16754.	3.8	24
79	UV-ablation nanochannels in micro/nanofluidics devices for biochemical analysis. <i>Talanta</i> , 2011, 85, 298-303.	5.6	23
80	Multimodal imaging and photothermal therapy were simultaneously achieved in the core-shell UCNR structure by using single near-infrared light. <i>Dalton Transactions</i> , 2017, 46, 12147-12157.	3.3	23
81	AgBiS ₂ -TPP nanocomposite for mitochondrial targeting photodynamic therapy, photothermal therapy and bio-imaging under 808 nm NIR laser irradiation. <i>Biomaterials Science</i> , 2019, 7, 4769-4781.	5.4	23
82	The top-down synthesis of sequentially controlled architectures for honeycomb-layered Na ₃ Ni ₂ BiO ₆ towards high-voltage and superior performance cathodes for sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 1797-1809.	10.3	23
83	Boosting Electrocatalytic Hydrogen Evolution over Metal-Organic Frameworks by Plasmon-Induced Hot-Electron Injection. <i>Angewandte Chemie</i> , 2019, 131, 10823-10827.	2.1	23
84	Mass transport in nanofluidic devices. <i>Science China Chemistry</i> , 2012, 55, 453-468.	8.5	22
85	Poly(lactic acid)/poly(ethylene glycol) stereocomplexed physical hydrogels showing thermally-induced gel-sol-gel multiple phase transitions. <i>Materials Chemistry Frontiers</i> , 2018, 2, 313-322.	5.8	22
86	Urine macrophages reflect kidney macrophage content during acute tubular interstitial and glomerular injury. <i>Clinical Immunology</i> , 2019, 205, 65-74.	3.2	22
87	Plasmon Coupling Effect-Enhanced Imaging of Metal Ions in Living Cells Using DNAzyme Assembled Core-Satellite Structures. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 33966-33975.	8.1	21
88	Enhancing the Performance of Motive Power Lead-Acid Batteries by High Surface Area Carbon Black Additives. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 186.	2.6	21
89	Enzymatic characterization, molecular dynamics simulation, and application of a novel <i>Bacillus licheniformis</i> laccase. <i>International Journal of Biological Macromolecules</i> , 2021, 167, 1393-1405.	7.6	21
90	In Situ Growth of Imine-Bridged Anion-Selective COF/AO Membrane for Ion Current Rectification and Nanofluidic Osmotic Energy Conversion. <i>Advanced Functional Materials</i> , 2023, 33, .	16.0	21

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91	Dynamin-related protein 1 is involved in micheliolide-induced breast cancer cell death. <i>OncoTargets and Therapy</i> , 2015, 8, 3371.	2.1	20
92	A highly twisted triarylborane-based biphenyl as an efficient host for blue and green phosphorescent OLEDs. <i>Journal of Materials Chemistry C</i> , 2016, 4, 7607-7613.	5.4	19
93	Enhancing the functional characteristics of soy protein isolate via cross-linking catalyzed by <i>Bacillus subtilis</i> transglutaminase. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 4154-4160.	3.5	19
94	Influence of Nitrogen, Phosphorus, and Potassium Fertilization on Flowering and Expression of Flowering-Associated Genes in White Birch (<i>Betula platyphylla</i> Suk.). <i>Plant Molecular Biology Reporter</i> , 2011, 29, 794-801.	1.7	18
95	Involvement of high mobility group box 1 in the activation of C5a-primed neutrophils induced by ANCA. <i>Clinical Immunology</i> , 2015, 159, 47-57.	3.2	18
96	Asymmetric organocatalytic vinylogous Michael addition triggered triple-cascade reactions of 2-hydroxycinnamaldehydes and vinylogous nucleophiles: construction of benzofused oxabicyclo[3.3.1]nonane scaffolds. <i>Chemical Communications</i> , 2021, 57, 1762-1765.	4.1	18
97	Homochiral iron-based β -cyclodextrin metal-organic framework for stereoisomer separation in the open tubular capillary electrochromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 215, 114777.	2.9	18
98	Thermo and pH Dual Actuating Smart Porous Anodic Aluminum for Controllable Drug Release. <i>Advanced Materials Interfaces</i> , 2018, 5, 1800185.	4.0	17
99	Sphingosine-1-phosphate and its receptors in anti-neutrophil cytoplasmic antibody-associated vasculitis. <i>Nephrology Dialysis Transplantation</i> , 2017, 32, 1313-1322.	0.7	16
100	Carboxymethyl fenugreek gum: Rheological characterization and as a novel binder for silicon anode of lithium-ion batteries. <i>International Journal of Biological Macromolecules</i> , 2018, 115, 672-679.	7.6	16
101	Preparation and properties of a novel waterborne fluorinated polyurethane-acrylate hybrid emulsion modified by long aliphatic chains. <i>Polymer Bulletin</i> , 2020, 77, 2249-2267.	3.2	16
102	Ionic current rectification in asymmetric nanofluidic devices. <i>Chinese Chemical Letters</i> , 2020, 31, 2414-2422.	8.9	16
103	Biochemical characterization of a tyrosinase from <i>Bacillus aryabhattai</i> and its application. <i>International Journal of Biological Macromolecules</i> , 2021, 176, 37-46.	7.6	16
104	Targeted metabolomic analysis of plasma fatty acids in acute myocardial infarction in young adults. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 3131-3141.	2.6	16
105	Interconnected ordered nanoporous networks of colloidal crystals integrated on a microfluidic chip for highly efficient protein concentration. <i>Electrophoresis</i> , 2011, 32, 3424-3430.	2.8	15
106	The effect of PETA/PETTA composite system on the performance of UV curable waterborne polyurethane acrylate. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	15
107	A novel device of array nanochannels integrated electrochemical detector for detection of amyloid β aggregation and inhibitor screening. <i>Electrochemistry Communications</i> , 2016, 66, 25-28.	4.6	15
108	3D Printing of Well Dispersed Electrospun PLGA Fiber Toughened Calcium Phosphate Scaffolds for Osteoanagenesis. <i>Journal of Bionic Engineering</i> , 2020, 17, 652-668.	5.0	15

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109	Thermoresponsivity, Micelle Structure, and Thermal-Induced Structural Transition of an Amphiphilic Block Copolymer Tuned by Terminal Multiple H-Bonding Units. <i>Langmuir</i> , 2020, 36, 956-965.	3.6	15
110	Plasmon induced dual excited synergistic effect in Au/metal-organic frameworks composite for enhanced antibacterial therapy. <i>Journal of Materials Chemistry B</i> , 2021, 9, 9606-9614.	5.8	15
111	Modularize and Unite: Toward Creating a Functional Artificial Cell. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 781986.	3.5	15
112	Exploring the temperature-dependent kinetics and thermodynamics of immobilized glucose oxidase in microchip. <i>Analytical Methods</i> , 2012, 4, 2831.	2.7	14
113	Recent applications of metal-organic frameworks in matrix-assisted laser desorption/ionization mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 4509-4522.	3.8	14
114	Non-linear mass transport in confined nanofluidic devices for label-free bioanalysis/sensors. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 123, 115760.	11.7	14
115	Enhancing the thermostability of phospholipase D from <i>Streptomyces halstedii</i> by directed evolution and elucidating the mechanism of a key amino acid residue using molecular dynamics simulation. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 3065-3074.	7.6	14
116	<i>In situ</i> synthesis of a MOFs/PAA hybrid with ultrahigh ionic current rectification. <i>Nanoscale</i> , 2020, 12, 11899-11907.	5.6	13
117	Multiplex Visualized Closed-Tube PCR with Hamming Distance 2 Code for 15 HPV Subtype Typing. <i>Analytical Chemistry</i> , 2021, 93, 5529-5536.	6.6	13
118	Interactions between fluorinated cationic guar gum and surfactants in the dilute and semi-dilute solutions. <i>Carbohydrate Polymers</i> , 2014, 99, 638-645.	10.3	12
119	Synthesis and luminescence properties of NaGdF ₄ : Yb ³⁺ , Ce ³⁺ , and Ho ³⁺ upconversion nanoparticles doped with Zn ²⁺ . <i>CrystEngComm</i> , 2018, 20, 2663-2668.	2.3	12
120	Glycosaminoglycanomic profiling of human milk in different stages of lactation by liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2018, 258, 231-236.	8.2	12
121	Ultrasensitive plasmon enhanced Raman scattering detection of nucleolin using nanochannels of 3D hybrid plasmonic metamaterial. <i>Biosensors and Bioelectronics</i> , 2021, 178, 113040.	10.2	12
122	Shen Shuai et al. Recipe attenuates renal fibrosis in chronic kidney disease by improving hypoxia-induced the imbalance of mitochondrial dynamics via PGC-1 α activation. <i>Phytomedicine</i> , 2022, 98, 153947.	5.3	12
123	Au Nanoparticles in 2D Bimetallic Metal-Organic Frameworks with Enhanced Plasmonic Nanozyme Activity for Antibacterial Therapy. <i>ACS Applied Nano Materials</i> , 2022, 5, 16145-16153.	5.0	12
124	Enhanced Electrocatalysis via Boosted Separation of Hot Charge Carriers of Plasmonic Gold Nanoparticles Deposited on Reduced Graphene Oxide. <i>ChemElectroChem</i> , 2019, 6, 1419-1426.	3.4	11
125	A Sustainable and Efficient Artificial Microgel System: Toward Creating a Configurable Synthetic Cell. <i>Small</i> , 2020, 16, e2002313.	10.9	11
126	Study on preparation and solution properties of hydrophobically associating polyacrylamide by emulsifier-free ultrasonic assisted radical polymerization. <i>Journal of Polymer Research</i> , 2012, 19, 1.	2.4	10

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127	Fabrication of a hierarchical nanoreactor based on COFs for cascade enzyme catalysis. <i>Chemical Communications</i> , 2022, 58, 3933-3936.	4.1	10
128	Study on self-assembly properties of thermosensitive fluorinated hydrophobically associating polyacrylamide. <i>Journal of Polymer Research</i> , 2014, 21, 1.	2.4	9
129	Self-assembly and rheological behaviors of intermacromolecular complexes consisting of oppositely charged fluorinated guar gums. <i>Carbohydrate Polymers</i> , 2018, 184, 333-341.	10.3	9
130	Forelimb joints contribute to locomotor performance in reindeer (<i>Rangifer tarandus</i>) by maintaining stability and storing energy. <i>PeerJ</i> , 2020, 8, e10278.	2.0	9
131	Switchable up-conversion luminescence bioimaging and targeted photothermal ablation in one core-shell-structured nanohybrid by alternating near-infrared light. <i>Dalton Transactions</i> , 2019, 48, 5817-5830.	3.3	8
132	Energy Storage Economic Analysis of Multi-Application Scenarios in an Electricity Market: A Case Study of China. <i>Sustainability</i> , 2020, 12, 8703.	3.3	8
133	WY7 is a newly identified promoter from the rubber powdery mildew pathogen that regulates exogenous gene expression in both monocots and dicots. <i>PLoS ONE</i> , 2020, 15, e0233911.	2.5	8
134	Synthesis of gemini ammonium sulfobetaine and its proppant suspension and gel-breaking mechanisms. <i>RSC Advances</i> , 2020, 10, 7879-7886.	3.7	8
135	A Modal Parameter Identification Method Based on Improved Covariance-Driven Stochastic Subspace Identification. <i>Journal of Engineering for Gas Turbines and Power</i> , 2020, 142, .	1.2	8
136	PalmBoard: Leveraging Implicit Touch Pressure in Statistical Decoding for Indirect Text Entry. , 2020, , .		8
137	Implanting of Single Zinc Sites into 2D Metal-Organic Framework Nanozymes for Boosted Antibiofilm Therapy. <i>Advanced Functional Materials</i> , 2023, 33, .	16.0	8
138	Effect of cationic monomer on properties of cationic fluorocarbon emulsifier-free emulsion. <i>Journal of Polymer Research</i> , 2013, 20, 1.	2.4	7
139	Synthesis and properties of the cationic fluorocarbon emulsifier-free latex in a new micellar system. <i>Colloid and Polymer Science</i> , 2014, 292, 123-131.	2.1	7
140	Finite Element Analysis of Multipoint Counter Electrode Sensor in Steel Corrosion Rate Measurement. <i>IEEE Sensors Journal</i> , 2014, 14, 790-792.	4.7	7
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