

Chen Wang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

174
papers

4,269
citations

32
h-index

59
g-index

189
ext. papers

5,402
ext. citations

6.6
avg, IF

5.94
L-index

#	Paper	IF	Citations
174	Plasmonic Nanozymes: Localized Surface Plasmonic Resonance Regulates Reaction Kinetics and Antibacterial Performance.. <i>Journal of Physical Chemistry Letters</i> , 2022 , 312-323	6.4	4
173	Shen Shuai II Recipe attenuates renal fibrosis in chronic kidney disease by improving hypoxia-induced the imbalance of mitochondrial dynamics via PGC-1 β activation.. <i>Phytomedicine</i> , 2022 , 98, 153947	6.5	0
172	MicroRNAs Are Key Molecules Involved in the Gene Regulation Network of Colorectal Cancer.. <i>Frontiers in Cell and Developmental Biology</i> , 2022 , 10, 828128	5.7	0
171	A Transformer-Based Method of Multi-energy Load Forecasting in Integrated Energy System. <i>IEEE Transactions on Smart Grid</i> , 2022 , 1-1	10.7	2
170	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	3.5	0
169	Experimental Study on Dynamic Performance of Rock-Concrete Composite with Different Thickness Ratios. <i>Shock and Vibration</i> , 2022 , 2022, 1-9	1.1	0
168	Experimental Study on Dynamic Characteristics of Annular Coal Mine Sandstone after Different Temperatures. <i>Advances in Civil Engineering</i> , 2022 , 2022, 1-10	1.3	0
167	Study on the Dynamic Splitting Mechanical Properties of Annular Sandstone Specimens with Temperature-Water Coupling in a Coal Mine. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 4608	2.6	0
166	Study on Mechanical Properties and Energy Consumption of Fissured Sandstone with Different Dip Angles under Impact Load. <i>Shock and Vibration</i> , 2022 , 2022, 1-9	1.1	0
165	Modularize and Unite: Toward Creating a Functional Artificial Cell.. <i>Frontiers in Molecular Biosciences</i> , 2021 , 8, 781986	5.6	0
164	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	7.3	1
163	Multiplex Visualized Closed-Tube PCR with Hamming Distance 2 Code for 15 HPV Subtype Typing. <i>Analytical Chemistry</i> , 2021 , 93, 5529-5536	7.8	4
162	Sulfated glycosaminoglycans in decellularized placenta matrix as critical regulators for cutaneous wound healing. <i>Acta Biomaterialia</i> , 2021 , 122, 199-210	10.8	9
161	Facile, Smart, and Degradable Metal-Organic Framework Nanopesticides Gated with Fe-Tannic Acid Networks in Response to Seven Biological and Environmental Stimuli. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 19507-19520	9.5	9
160	Biochemical characterization of a tyrosinase from <i>Bacillus aryabhatai</i> and its application. <i>International Journal of Biological Macromolecules</i> , 2021 , 176, 37-46	7.9	7
159	Sensitive quantitation of ESR1 mutations in cell-free DNA from breast cancer patients using base-specific invasive reaction assisted qPCR. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021 , 197, 113959	3.5	1
158	Ultrasensitive plasmon enhanced Raman scattering detection of nucleolin using nanochannels of 3D hybrid plasmonic metamaterial. <i>Biosensors and Bioelectronics</i> , 2021 , 178, 113040	11.8	4

157	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	11.5	6
156	Recent advances in nanoscale metal-organic frameworks biosensors for detection of biomarkers. <i>Chinese Chemical Letters</i> , 2021 ,	8.1	5
155	Ultrasensitive Detection of Bacteria Using a 2D MOF Nanozyme-Amplified Electrochemical Detector. <i>Analytical Chemistry</i> , 2021 , 93, 8544-8552	7.8	17
154	Catechol-metal coordination-mediated nanocomposite hydrogels for on-demand drug delivery and efficacious combination therapy. <i>Acta Biomaterialia</i> , 2021 , 129, 84-95	10.8	11
153	Paeoniflorin-6Ro-benzene sulfonate (CP-25) improves vasculitis through inhibiting IL-17A/JAK/STAT3 signaling pathway in endothelial cells of HFD CIA rats. <i>Phytotherapy Research</i> , 2021 , 35, 1033-1047	6.7	2
152	Response of ammonia-oxidizing archaea and bacteria to streptomycin sulfate and penicillin in coastal wetlands along the Bohai Rim. <i>Land Degradation and Development</i> , 2021 , 32, 1917-1926	4.4	2
151	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	7.9	3
150	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	4.3	2
149	Asymmetric organocatalytic vinyllogous Michael addition triggered triple-cascade reactions of 2-hydroxycinnamaldehydes and vinyllogous nucleophiles: construction of benzofused oxabicyclo[3.3.1]nonane scaffolds. <i>Chemical Communications</i> , 2021 , 57, 1762-1765	5.8	4
148	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	4.5	1
147	Comparison of Different Labeling Techniques for the LC-MS Profiling of Human Milk Oligosaccharides. <i>Frontiers in Chemistry</i> , 2021 , 9, 691299	5	0
146	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	12.8	4
145	WY195, a New Inducible Promoter From the Rubber Powdery Mildew Pathogen, Can Be Used as an Excellent Tool for Genetic Engineering. <i>Frontiers in Microbiology</i> , 2020 , 11, 610252	5.7	
144	Energy Storage Economic Analysis of Multi-Application Scenarios in an Electricity Market: A Case Study of China. <i>Sustainability</i> , 2020 , 12, 8703	3.6	2
143	In Situ Fabrication of Ultrasmall Gold Nanoparticles/2D MOFs Hybrid as Nanozyme for Antibacterial Therapy. <i>Small</i> , 2020 , 16, e2000553	11	65
142	Etanercept Inhibits B Cell Differentiation by Regulating TNFR1/2/TRAFF2/NF- κ B Signaling Pathway in Rheumatoid Arthritis. <i>Frontiers in Pharmacology</i> , 2020 , 11, 676	5.6	3
141	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	3.7	2
140	Ionic current rectification in asymmetric nanofluidic devices. <i>Chinese Chemical Letters</i> , 2020 , 31, 2414-2482		7

139	Real-time detection of single-molecule reaction by plasmon-enhanced spectroscopy. <i>Science Advances</i> , 2020 , 6, eaba6012	14.3	17
138	Antibacterial Therapy: In Situ Fabrication of Ultrasmall Gold Nanoparticles/2D MOFs Hybrid as Nanozyme for Antibacterial Therapy (Small 23/2020). <i>Small</i> , 2020 , 16, 2070130	11	3
137	In situ synthesis of a MOFs/PAA hybrid with ultrahigh ionic current rectification. <i>Nanoscale</i> , 2020 , 12, 11899-11907	7.7	8
136	Use of Biosensors for Mycotoxins Analysis in Food Stuff 2020 , 171-201		3
135	A programmable polymer library that enables the construction of stimuli-responsive nanocarriers containing logic gates. <i>Nature Chemistry</i> , 2020 , 12, 381-390	17.6	62
134	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	7.8	18
133	Dendrimer-Au Nanoparticle Network Covered Alumina Membrane for Ion Rectification and Enhanced Bioanalysis. <i>Nano Letters</i> , 2020 , 20, 1846-1854	11.5	32
132	Synthesis of gemini ammonium sulfobetaine and its proppant suspension and gel-breaking mechanisms.. <i>RSC Advances</i> , 2020 , 10, 7879-7886	3.7	3
131	Smartphone-Based Biosensors 2020 , 357-387		3
130	Surface Changes of LiNi _x MnyCo _{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	3.8	13
129	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	4	6
128	A hydrophilic two-dimensional titanium-based metal-organic framework nanosheets for specific enrichment of glycopeptides. <i>Analytica Chimica Acta</i> , 2020 , 1119, 60-67	6.6	15
127	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,	1.7	3
126	PalmBoard: Leveraging Implicit Touch Pressure in Statistical Decoding for Indirect Text Entry 2020 ,		2
125	Forelimb joints contribute to locomotor performance in reindeer () by maintaining stability and storing energy. <i>PeerJ</i> , 2020 , 8, e10278	3.1	2
124	In-situ SHINERS Study of the Size and Composition Effect of Pt-based Nanocatalysts in Catalytic Hydrogenation. <i>ChemCatChem</i> , 2020 , 12, 75-79	5.2	15
123	Fabrication of Bio-Inspired 2D MOFs/PAA Hybrid Membrane for Asymmetric Ion Transport. <i>Advanced Functional Materials</i> , 2020 , 30, 1908804	15.6	37
122	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	12.5	12

121	Non-linear mass transport in confined nanofluidic devices for label-free bioanalysis/sensors. <i>TrAC - Trends in Analytical Chemistry</i> , 2020 , 123, 115760	14.6	6
120	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	7.9	3
119	3D Printing of Well Dispersed Electrospun PLGA Fiber Toughened Calcium Phosphate Scaffolds for Osteoanagenesis. <i>Journal of Bionic Engineering</i> , 2020 , 17, 652-668	2.7	7
118	A Sustainable and Efficient Artificial Microgel System: Toward Creating a Configurable Synthetic Cell. <i>Small</i> , 2020 , 16, e2002313	11	4
117	Renal asymmetric dimethylarginine inhibits fibrosis. <i>FEBS Open Bio</i> , 2020 , 10, 2003-2009	2.7	1
116	The determination of a novel inducible WY172 promoter derived from <i>Oidium heveae</i> HO-73. <i>Plant Cell, Tissue and Organ Culture</i> , 2020 , 143, 377-387	2.7	
115	Preparation and properties of a novel waterborne fluorinated polyurethaneacrylate hybrid emulsion modified by long aliphatic chains. <i>Polymer Bulletin</i> , 2020 , 77, 2249-2267	2.4	6
114	AgBiS-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	7.4	11
113	O-Generating Metal-Organic Framework-Based Hydrophobic Photosensitizer Delivery System for Enhanced Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 36347-36358	9.5	54
112	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	13	16
111	Growth of U-Shaped Graphene Domains on Copper Foil by Chemical Vapor Deposition. <i>Materials</i> , 2019 , 12,	3.5	2
110	Urine macrophages reflect kidney macrophage content during acute tubular interstitial and glomerular injury. <i>Clinical Immunology</i> , 2019 , 205, 65-74	9	12
109	Micro/nanofluidic technologies for efficient isolation and detection of circulating tumor cells. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 117, 101-115	14.6	18
108	Controllable synthesis of N-doped aligned carbon nanotubes from melamine-based carbon by water-assisted chemical vapor deposition. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2019 , 27, 729-735	1.8	1
107	Boosting Electrocatalytic Hydrogen Evolution over Metal-Organic Frameworks by Plasmon-Induced Hot-Electron Injection. <i>Angewandte Chemie</i> , 2019 , 131, 10823-10827	3.6	15
106	Boosting Electrocatalytic Hydrogen Evolution over Metal-Organic Frameworks by Plasmon-Induced Hot-Electron Injection. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 10713-10717	16.4	96
105	Recent applications of metal-organic frameworks in matrix-assisted laser desorption/ionization mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 4509-4522	4.4	7
104	Specific cell capture and noninvasive release via moderate electrochemical oxidation of boronic ester linkage. <i>Biosensors and Bioelectronics</i> , 2019 , 138, 111316	11.8	6

103	High-performance bioanalysis based on ion concentration polarization of micro-/nanofluidic devices. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 4007-4016	4.4	17
102	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	13	35
101	Profiling and Structural Characterization of High Neu5Gc or Sulfate-containing O-glycans from Hyla Rabbit Intestinal Mucin. <i>Molecules</i> , 2019 , 24,	4.8	3
100	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	4.3	6
99	Facile Preparation and Properties of Ionic-Bonded Hydrophobically Associating Anionic Sesbania Gum. <i>Journal of Polymers and the Environment</i> , 2019 , 27, 767-773	4.5	1
98	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	6.7	20
97	Low Power Single Laser Activated Synergistic Cancer Phototherapy Using Photosensitizer Functionalized Dual Plasmonic Photothermal Nanoagents. <i>ACS Nano</i> , 2019 , 13, 2544-2557	16.7	66
96	Magnesium lithospermate B attenuates renal injury in 5/6 renal ablation/infarction rats by mitochondrial pathway of apoptosis. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 118, 109316	7.5	6
95	Self-supporting three-dimensional carboxymethyl cellulose conductive sponges used as electrodes for lithium-ion batteries. <i>Cellulose</i> , 2019 , 26, 8025-8036	5.5	5
94	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	9.6	17
93	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	7.8	56
92	Biomimetic Nanochannel-Ionchannel Hybrid for Ultrasensitive and Label-Free Detection of MicroRNA in Cells. <i>Analytical Chemistry</i> , 2019 , 91, 3582-3589	7.8	47
91	Near-infrared light induced cationic polymerization based on upconversion and ferrocenium photochemistry. <i>Polymer Chemistry</i> , 2019 , 10, 5574-5577	4.9	22
90	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	4.3	7
89	Paeoniflorin-6RO-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	8	20
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	11
87	Importance of denitrification driven by the relative abundances of microbial communities in coastal wetlands. <i>Environmental Pollution</i> , 2019 , 244, 47-54	9.3	26
86	Nanochannel-Ion Channel Hybrid Device for Ultrasensitive Monitoring of Biomolecular Recognition Events. <i>Analytical Chemistry</i> , 2019 , 91, 1185-1193	7.8	44

85	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	7.9	7
84	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	7.3	34
83	Recent Development of Thermoelectric Polymers and Composites. <i>Macromolecular Rapid Communications</i> , 2018 , 39, e1700727	4.8	169
82	Plasmon-Enhanced Ultrasensitive Surface Analysis Using Ag Nanoantenna. <i>Analytical Chemistry</i> , 2018 , 90, 2018-2022	7.8	25
81	Poly(lactic acid)/poly(ethylene glycol) stereocomplexed physical hydrogels showing thermally-induced gel-to-gel multiple phase transitions. <i>Materials Chemistry Frontiers</i> , 2018 , 2, 313-322	7.8	14
80	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	7
79	Thermosensitive behavior of hydrophobically associating anionic guar gum solutions and gels. <i>International Journal of Biological Macromolecules</i> , 2018 , 111, 169-177	7.9	7
78	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	3.3	7
77	Glycosaminoglycanomic profiling of human milk in different stages of lactation by liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2018 , 258, 231-236	8.5	7
76	On-chip microfluidic generation of monodisperse bubbles for liquid interfacial tension measurement. <i>Talanta</i> , 2018 , 176, 646-651	6.2	3
75	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	9.5	15
74	Rheological and fracturing characteristics of a novel sulfonated hydroxypropyl guar gum. <i>International Journal of Biological Macromolecules</i> , 2018 , 117, 974-982	7.9	16
73	Asymmetric Nanochannel-Ionchannel Hybrid for Ultrasensitive and Label-Free Detection of Copper Ions in Blood. <i>Analytical Chemistry</i> , 2018 , 90, 896-902	7.8	58
72	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	6.4	31
71	Combining plasmonics and electrochemistry at the nanoscale. <i>Current Opinion in Electrochemistry</i> , 2018 , 7, 95-102	7.2	27
70	Importance of Hot Spots in Gold Nanostructures on Direct Plasmon-Enhanced Electrochemistry. <i>ACS Applied Nano Materials</i> , 2018 , 1, 5805-5811	5.6	23
69	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	5.9	55
68	Fluorinated anionic fenugreek gum: their self-assembly behaviors and use as a novel thickening agent in fracturing gel.. <i>RSC Advances</i> , 2018 , 8, 18734-18744	3.7	1

67	Thermo and pH Dual-Actuating Smart Porous Anodic Aluminum for Controllable Drug Release. <i>Advanced Materials Interfaces</i> , 2018 , 5, 1800185	4.6	12
66	Enhanced Peroxidase-Like Performance of Gold Nanoparticles by Hot Electrons. <i>Chemistry - A European Journal</i> , 2017 , 23, 6717-6723	4.8	45
65	Direct Plasmon-Accelerated Electrochemical Reaction on Gold Nanoparticles. <i>ACS Nano</i> , 2017 , 11, 5897-5905	5.0	144
64	Sphingosine-1-phosphate and its receptors in anti-neutrophil cytoplasmic antibody-associated vasculitis. <i>Nephrology Dialysis Transplantation</i> , 2017 , 32, 1313-1322	4.3	9
63	In situ dynamic tracking of heterogeneous nanocatalytic processes by shell-isolated nanoparticle-enhanced Raman spectroscopy. <i>Nature Communications</i> , 2017 , 8, 15447	17.4	132
62	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	5.1	18
61	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	16.4	516
60	Drug Delivery: Engineering the Surface of Smart Nanocarriers Using a pH-/Thermal-/GSH-Responsive Polymer Zipper for Precise Tumor Targeting Therapy In Vivo (Adv. Mater. 36/2017). <i>Advanced Materials</i> , 2017 , 29,	24	9
59	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	7.8	101
58	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	24	77
57	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	4.3	14
56	Revealing the Role of Interfacial Properties on Catalytic Behaviors by in Situ Surface-Enhanced Raman Spectroscopy. <i>Journal of the American Chemical Society</i> , 2017 , 139, 10339-10346	16.4	89
55	HPLC-MS/MS targeted metabolic profiling reveals distinct metabolic profiles from <i>Staphylococcus aureus</i> small-colony variants. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017 , 1060, 340-346	3.2	4
54	CP-25, a Novel Anti-inflammatory and Immunomodulatory Drug, Inhibits the Functions of Activated Human B Cells through Regulating BAFF and TNF- α Signaling and Comparative Efficacy with Biological Agents. <i>Frontiers in Pharmacology</i> , 2017 , 8, 933	5.6	20
53	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	7.1	17
52	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	4.3	21
51	A novel device of array nanochannels integrated electrochemical detector for detection of amyloid aggregation and inhibitor screening. <i>Electrochemistry Communications</i> , 2016 , 66, 25-28	5.1	14
50	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	4.8	16

49	Autophagy is induced by anti-neutrophil cytoplasmic Abs and promotes neutrophil extracellular traps formation. <i>Innate Immunity</i> , 2016 , 22, 658-665	2.7	27
48	Ultrasensitive protein concentration detection on a micro/nanofluidic enrichment chip using fluorescence quenching. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 6835-41	9.5	25
47	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	9	13
46	Charge-Transfer Emission in Organoboron-Based Biphenyls: Effect of Substitution Position and Conformation. <i>Journal of Organic Chemistry</i> , 2015 , 80, 10914-24	4.2	27
45	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,	2.9	5
44	Dynamin-related protein 1 is involved in micheliolide-induced breast cancer cell death. <i>OncoTargets and Therapy</i> , 2015 , 8, 3371-81	4.4	15
43	Morpholino-functionalized nanochannel array for label-free single nucleotide polymorphisms detection. <i>Analytical Chemistry</i> , 2015 , 87, 3936-41	7.8	48
42	Hot electron of Au nanorods activates the electrocatalysis of hydrogen evolution on MoS2 nanosheets. <i>Journal of the American Chemical Society</i> , 2015 , 137, 7365-70	16.4	44 ^o
41	Fast and sensitive detection of protein concentration in mild environments. <i>Talanta</i> , 2015 , 135, 102-7	6.2	3
40	The comparison of maintenance treatment with capecitabine (CMT) and non-maintenance treatment with capecitabine (non-CMT) in patients with metastatic breast cancer. <i>International Journal of Clinical and Experimental Medicine</i> , 2015 , 8, 8283-7		1
39	miR-429 mediates Etoctrienol-induced apoptosis in triple-negative breast cancer cells by targeting XIAP. <i>International Journal of Clinical and Experimental Medicine</i> , 2015 , 8, 15648-56		20
38	Preparation and properties of a novel waterborne fluorinated polyurethaneacrylate hybrid emulsion. <i>Colloid and Polymer Science</i> , 2014 , 292, 579-587	2.4	25
37	A One-Dimensional Heat Transfer Model Analysis of Heat Sinks. <i>Heat Transfer Engineering</i> , 2014 , 35, 764-769	17.69	1
36	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	2.4	6
35	Finite Element Analysis of Multipoint Counter Electrode Sensor in Steel Corrosion Rate Measurement. <i>IEEE Sensors Journal</i> , 2014 , 14, 790-792	4	5
34	Direct electrochemical and AFM detection of amyloid- β peptide aggregation on basal plane HOPG. <i>Nanoscale</i> , 2014 , 6, 7853-7	7.7	34
33	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, 3013-9	7.8	28
32	Study on self-assembly properties of thermosensitive fluorinated hydrophobically associating polyacrylamide. <i>Journal of Polymer Research</i> , 2014 , 21, 1	2.7	7

31	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, 3416-22	5	28
30	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, 3216-21	7.8	31
29	Coagulation and fibrinolysis index profile in patients with ANCA-associated vasculitis. <i>PLoS ONE</i> , 2014 , 9, e97843	3.7	28
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