

Xiaojun Han

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.

209
papers

4,034
citations

33
h-index

48
g-index

223
ext. papers

4,850
ext. citations

6.3
avg, IF

5.97
L-index

#	Paper	IF	Citations
209	Non-viral nanocarriers for CRISPR-Cas9 gene editing system delivery. <i>Chemical Engineering Journal</i> , 2022 , 435, 135116	14.7	2
208	Rational fabrication of Bi ₂ WO ₆ decorated TiO ₂ nanotube arrays for photocatalytic degradation of organic pollutants. <i>Materials Research Bulletin</i> , 2022 , 145, 111563	5.1	6
207	High-throughput production of functional prototissues capable of producing NO for vasodilation.. <i>Nature Communications</i> , 2022 , 13, 2148	17.4	0
206	Direct Z-scheme charge transfer of Bi ₂ WO ₆ /InVO ₄ interface for efficient photocatalytic CO ₂ reduction. <i>Chemical Engineering Journal</i> , 2022 , 446, 137129	14.7	0
205	Progress on Crowding Effect in Cell-like Structures. <i>Membranes</i> , 2022 , 12, 593	3.8	1
204	Red blood cell membrane-coated biomimetic upconversion nanoarchitectures for synergistic chemo-photodynamic therapy. <i>New Journal of Chemistry</i> , 2021 , 45, 22269-22279	3.6	0
203	Anti-adipogenesis and metabolism-regulating effects of heat-inactivated <i>Streptococcus thermophilus</i> MN-ZLW-002. <i>Letters in Applied Microbiology</i> , 2021 , 72, 677-687	2.9	7
202	Fe doped InVO ₄ nanosheets with rich surface oxygen vacancies for enhanced electrochemical nitrogen fixation. <i>Chemical Engineering Journal</i> , 2021 , 431, 133383	14.7	4
201	Uniform octahedral ZrO ₂ @C from carbonized UiO-66 for electrocatalytic nitrogen reduction. <i>Materials Today Energy</i> , 2021 , 100884	7	0
200	Recent Progress of Lung Cancer Diagnosis Using Nanomaterials. <i>Crystals</i> , 2021 , 11, 24	2.3	1
199	Research Progress of Electrochemical Detection of Heavy Metal Ions. <i>Chinese Journal of Analytical Chemistry</i> , 2021 , 49, 330-340	1.6	7
198	Breast milk flora plays an important role in infantile eczema: cohort study in Northeast China. <i>Journal of Applied Microbiology</i> , 2021 , 131, 2981-2993	4.7	0
197	3D Electrospun Synthetic Extracellular Matrix for Tissue Regeneration. <i>Small Science</i> , 2021 , 1, 2100003		19
196	Recoverable peroxidase-like FeO@MoS-Ag nanozyme with enhanced antibacterial ability. <i>Chemical Engineering Journal</i> , 2021 , 408, 127240	14.7	67
195	Biomimetic light-activatable graphene-based nanoarchitecture for synergistic chemophotothermal therapy. <i>Chemical Engineering Journal</i> , 2021 , 420, 127710	14.7	4
194	Versatile Phospholipid Assemblies for Functional Synthetic Cells and Artificial Tissues. <i>Advanced Materials</i> , 2021 , 33, e2002635	24	16
193	Melt Electrospinning Writing of Magnetic Microrobots. <i>Advanced Science</i> , 2021 , 8, 2003177	13.6	12

192	Magnetic-responsive Pickering emulsion and its catalytic application at the water/oil interface. <i>New Journal of Chemistry</i> , 2021 , 45, 3974-3980	3.6	3
191	Principles and Applications of Single Particle Tracking in Cell Research. <i>Small</i> , 2021 , 17, e2005133	11	2
190	Bacterial Behavior in Confined Spaces. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 629820	5.7	0
189	Recent progress of inorganic metal-based catalysts in electrocatalytic synthesis of ammonia. <i>Materials Today Energy</i> , 2021 , 21, 100766	7	11
188	UiO-66 based electrochemical sensor for simultaneous detection of Cd(II) and Pb(II). <i>Inorganic Chemistry Communication</i> , 2021 , 131, 108785	3.1	6
187	SiO ₂ /MXene/Poly(tetrafluoroethylene)-Based Janus Membranes as Solar Absorbers for Solar Steam Generation. <i>ACS Applied Nano Materials</i> , 2021 , 4, 14274-14284	5.6	1
186	A biocompatible artificial tendril with a spontaneous 3D Janus multi-helix-perversion configuration. <i>Materials Chemistry Frontiers</i> , 2020 , 4, 2149-2156	7.8	5
185	Phospholipid Self-Assemblies Shaped Like Ancient Chinese Coins for Artificial Organelles. <i>Analytical Chemistry</i> , 2020 , 92, 6060-6064	7.8	2
184	Profiles of gut microbiota in children with obesity from Harbin, China and screening of strains with anti-obesity ability in vitro and in vivo. <i>Journal of Applied Microbiology</i> , 2020 , 129, 728-737	4.7	4
183	Chemical Information Exchange in Organized Protocells and Natural Cell Assemblies with Controllable Spatial Positions. <i>Small</i> , 2020 , 16, e1906394	11	28
182	A Z-scheme ZnFe ₂ O ₄ /RGO/In ₂ O ₃ hierarchical photocatalyst for efficient CO ₂ reduction enhancement. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 6524-6531	13	26
181	Rational Construction of MnCo ₂ O _{4.5} Deposited TiO ₂ Nanotube Array Heterostructures with Enhanced Photocatalytic Degradation of Tetracycline. <i>ChemPhotoChem</i> , 2020 , 4, 366-372	3.3	4
180	Programmed magnetic manipulation of vesicles into spatially coded prototissue architectures arrays. <i>Nature Communications</i> , 2020 , 11, 232	17.4	31
179	Enhanced antibacterial performance of gelatin/chitosan film containing capsaicin loaded MOFs for food packaging. <i>Applied Surface Science</i> , 2020 , 510, 145418	6.7	56
178	In situ Surface Charge Density Visualization of Self-assembled DNA Nanostructures after Ion Exchange. <i>ChemPhysChem</i> , 2020 , 21, 1474-1482	3.2	10
177	Phototherapy ablation of rabbit orthotopic tumors by non-stoichiometric BiPO ₄ nanoparticles. <i>Chemical Engineering Journal</i> , 2020 , 386, 123961	14.7	9
176	Flexible amorphous MoS ₂ nanoflakes/N-doped carbon microtubes/reduced graphite oxide composite paper as binder free anode for full cell lithium ion batteries. <i>Electrochimica Acta</i> , 2020 , 333, 135568	6.7	24
175	Plasmonic Ag decorated graphitic carbon nitride sheets with enhanced visible-light response for photocatalytic water disinfection and organic pollutant removal. <i>Chemosphere</i> , 2020 , 242, 125201	8.4	43

174	Simultaneous detection of trace Cd(II) and Pb(II) by differential pulse anodic stripping voltammetry using a bismuth oxycarbide/nafion electrode. <i>Inorganic Chemistry Communication</i> , 2020 , 111, 107672	3.1	26
173	Construction of novel 3D ZnO hierarchical structure with Fe ₃ O ₄ assist and its enhanced visible light photocatalytic performance. <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 103548	6.8	14
172	Effect of cholesterol on the fluidity of supported lipid bilayers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020 , 196, 111353	6	7
171	Perovskite Microcrystals with Intercalated Monolayer MoS ₂ Nanosheets as Advanced Photocatalyst for Solar-Powered Hydrogen Generation. <i>Matter</i> , 2020 , 3, 935-949	12.7	34
170	Targeted miR-21 loaded liposomes for acute myocardial infarction. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 10384-10391	7.3	9
169	A hierarchically ordered compacted coil scaffold for tissue regeneration. <i>NPG Asia Materials</i> , 2020 , 12,	10.3	10
168	Polymer antibacterial agent immobilized polyethylene films as efficient antibacterial cling films. <i>Materials Science and Engineering C</i> , 2019 , 105, 110088	8.3	4
167	A multifunctional biomimetic hybrid nanocarrier for the controlled delivery of chemotherapy drugs by near-infrared light. <i>New Journal of Chemistry</i> , 2019 , 43, 2752-2757	3.6	7
166	Surface-engineered vanadium nitride nanosheets for an imaging-guided photothermal/photodynamic platform of cancer treatment. <i>Nanoscale</i> , 2019 , 11, 1968-1977	7.7	17
165	Ag ₂ ZnO Submicrometer Rod Arrays for High-Efficiency Photocatalytic Degradation of Congo Red and Disinfection. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 11258-11266	8.3	44
164	Detection of Tetracycline in Water Using Glutathione-protected Fluorescent Gold Nanoclusters. <i>Analytical Sciences</i> , 2019 , 35, 367-370	1.7	10
163	Chemical Signal Communication between Two Protoorganelles in a Lipid-Based Artificial Cell. <i>Analytical Chemistry</i> , 2019 , 91, 6859-6864	7.8	27
162	Bioadhesive anisotropic nanogrooved microfibers directing three-dimensional neurite extension. <i>Biomaterials Science</i> , 2019 , 7, 2165-2173	7.4	19
161	Multicompartmentalized vesosomes containing DOX loaded liposomes and 5FU loaded liposomes for synergistic tumor treatment. <i>New Journal of Chemistry</i> , 2019 , 43, 4895-4899	3.6	13
160	Cat-Tail-Like Mesostructured Silica Fibers Decorated with Gold Nanowires: Synthesis, Characterization, and Application as Stretchable Sensors. <i>ChemPlusChem</i> , 2019 , 84, 1031-1038	2.8	2
159	Topological Defect-Driven Buckling of Phospholipid Bicelles to Cones for Micromotors with Modulated Heading Pathways. <i>ACS Nano</i> , 2019 , 13, 3573-3579	16.7	9
158	Direct and fast capture lactoferrin from cheese whey on nanoparticles of FeO combined with concanavalin A. <i>Food Chemistry</i> , 2019 , 274, 314-318	8.5	4
157	Prediction of the size of electroformed giant unilamellar vesicle using response surface methodology. <i>Biophysical Chemistry</i> , 2019 , 253, 106217	3.5	5

156	Cat-Tail-Like Mesostructured Silica Fibers Decorated with Gold Nanowires: Synthesis, Characterization, and Application as Stretchable Sensors. <i>ChemPlusChem</i> , 2019 , 84, 1030	2.8	1
155	Acoustic deformation for the extraction of mechanical properties of lipid vesicle populations. <i>Physical Review E</i> , 2019 , 99, 063002	2.4	11
154	Preparation Methods for Phospholipid Vesicle Arrays and Their Applications in Biological Analysis. <i>Chinese Journal of Analytical Chemistry</i> , 2019 , 47, 1134-1144	1.6	2
153	Bowl-like Micromotors Using Red Blood Cell Membrane as Template. <i>ChemistrySelect</i> , 2019 , 4, 10296-10298	2.8	7
152	Microbial Electrode Sensor for Heavy-metal Ions. <i>Sensors and Materials</i> , 2019 , 31, 4103	1.5	2
151	Prussian blue-coated lanthanide-doped core/shell/shell nanocrystals for NIR-II image-guided photothermal therapy. <i>Nanoscale</i> , 2019 , 11, 22079-22088	7.7	26
150	Interaction of pH-responsive polyanions with phospholipid membranes. <i>Polymer Chemistry</i> , 2019 , 10, 5992-5997	4.9	5
149	Functional Graphene Derivatives for Chemotherapy-Based Synergistic Tumor Therapy. <i>Nano</i> , 2019 , 14, 1930006	1.1	4
148	Chemical sensors for environmental pollutant determination 2019 , 147-160		4
147	Chemical communication in spatially organized protocell colonies and protocell/living cell micro-arrays. <i>Chemical Science</i> , 2019 , 10, 9446-9453	9.4	43
146	ZnO/Ag ₂ O microstructures for high-performance photocatalytic degradation of organic pollutants. <i>Clean Technologies and Environmental Policy</i> , 2019 , 21, 367-378	4.3	12
145	Multilayer giant unilamellar vesicles as a model of artificial tissue for drug screen. <i>Chemical Physics Letters</i> , 2019 , 717, 34-37	2.5	3
144	Thylakoid Containing Artificial Cells for the Inhibition Investigation of Light-Driven Electron Transfer during Photosynthesis. <i>ACS Synthetic Biology</i> , 2018 , 7, 945-951	5.7	16
143	Hierarchical drug release of pH-sensitive liposomes encapsulating aqueous two phase system. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018 , 127, 177-182	5.7	17
142	Bismuth Ferrite-Based Nanoplatfrom Design: An Ablation Mechanism Study of Solid Tumor and NIR-Triggered Photothermal/Photodynamic Combination Cancer Therapy. <i>Advanced Functional Materials</i> , 2018 , 28, 1706827	15.6	80
141	Multifunctional Bismuth Nanoparticles as Theranostic Agent for PA/CT Imaging and NIR Laser-Driven Photothermal Therapy. <i>ACS Applied Nano Materials</i> , 2018 , 1, 820-830	5.6	40
140	A green method to synthesize flowerlike Fe(OH) microspheres for enhanced adsorption performance toward organic and heavy metal pollutants. <i>Journal of Environmental Sciences</i> , 2018 , 73, 47-57	6.4	28
139	Direct measurement of surface charge distribution in phase separating supported lipid bilayers. <i>Nanoscale</i> , 2018 , 10, 4538-4544	7.7	25

138	Effect of bovine lactoferrin and human lactoferrin on the proliferative activity of the osteoblast cell line MC3T3-E1 in vitro. <i>Journal of Dairy Science</i> , 2018 , 101, 1827-1833	4	19
137	Interaction of cells with patterned reactors. <i>Biomaterials Science</i> , 2018 , 6, 793-802	7.4	5
136	A novel strategy for water disinfection with a AgNPs/gelatin sponge filter. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 19480-19487	5.1	10
135	Self-Assembled "Breathing" Grana-Like Cisternae Stacks. <i>Advanced Materials</i> , 2018 , 30, e1707482	24	12
134	MoS ₂ @HKUST-1 Flower-Like Nanohybrids for Efficient Hydrogen Evolution Reactions. <i>Chemistry - A European Journal</i> , 2018 , 24, 1080-1087	4.8	25
133	Impact of Electric Fields on the Nanoscale Behavior of Lipid Monolayers at the Surface of Graphite in Solution. <i>Langmuir</i> , 2018 , 34, 9561-9571	4	4
132	Lipid tubes formation induced by electroosmotic flow. <i>Chemical Physics Letters</i> , 2018 , 706, 515-519	2.5	7
131	High-concentration organic dye removal using Fe ₂ O ₃ @B ₉ MoO ₃ nanowires as Fenton-like catalysts. <i>Environmental Science: Nano</i> , 2018 , 5, 2069-2076	7.1	13
130	Codelivery of doxorubicin and sodium tanshinone IIA sulfonate using multicompartimentalized vesosomes to enhance synergism and prevent doxorubicin-induced cardiomyocyte apoptosis. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 5243-5247	7.3	8
129	Efficient Erbium-Sensitized Core/Shell Nanocrystals for Short Wave Infrared Bioimaging. <i>Advanced Optical Materials</i> , 2018 , 6, 1800690	8.1	46
128	Molybdenum Disulfide Nanoflakes Covered Carbonized Catkin Microtube Hybrids as Superior Catalysts for Electrochemical Hydrogen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 11255-11264	8.3	8
127	An edible film of sodium alginate/pullulan incorporated with capsaicin. <i>New Journal of Chemistry</i> , 2018 , 42, 17756-17761	3.6	16
126	Lipid bilayer modified gold nanorod@mesoporous silica nanoparticles for controlled drug delivery triggered by near-infrared light. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 8078-8084	7.3	19
125	Giant Unilamellar Vesicle Microarrays for Cell Function Study. <i>Analytical Chemistry</i> , 2018 , 90, 14363-14367	8	9
124	Reversible conductivity recovery of highly sensitive flexible devices by water vapor. <i>Npj Flexible Electronics</i> , 2018 , 2,	10.7	9
123	Self-Assembled Rough Endoplasmic Reticulum-Like Proto-Organelles. <i>iScience</i> , 2018 , 8, 138-147	6.1	9
122	Deformation of giant unilamellar vesicles under osmotic stress. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 172, 459-463	6	10
121	Simultaneous determination of trace Cd ²⁺ and Pb ²⁺ using GR/L-cysteine/Bi modified screen-printed electrodes. <i>Analytical Methods</i> , 2018 , 10, 4945-4950	3.2	8

120	Multicompartmentalized Microreactors Containing Nuclei and Catalase-Loaded Liposomes. <i>Biomacromolecules</i> , 2018 , 19, 4379-4385	6.9	10
119	Phospholipid-Block Copolymer Hybrid Vesicles with Lysosomal Escape Ability. <i>Langmuir</i> , 2018 , 34, 6874-6886	4.8	17
118	Magnetic field triggered drug release from lipid microcapsule containing lipid-coated magnetic nanoparticles. <i>Chemical Physics Letters</i> , 2018 , 706, 455-460	2.5	19
117	Effects of Loading and Sliding Speed on the Dry Sliding Wear Behavior of Mg-3Al-0.4Si Magnesium Alloy. <i>Tribology Transactions</i> , 2017 , 60, 238-248	1.8	13
116	An azo-phenol derivative probe: colorimetric and turn-on fluorescent detection of copper(II) ions and pH value in aqueous solution. <i>RSC Advances</i> , 2017 , 7, 20537-20541	3.7	22
115	Fabrication of vinyl organosilicon @poly-N, N'-[(4, 5-dihydroxy-1, 2-phenylene)bis(methylene)]bisacrylamide) core@shell antibacterial agent. <i>Materials Science and Engineering C</i> , 2017 , 77, 624-629	8.3	1
114	A Facile Method To Prepare Novel Ag ₂ O/Ag ₂ CO ₃ Three-Dimensional Hollow Hierarchical Structures and Their Water Purification Function. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 6148-6158	8.3	43
113	Salt-induced square prism Pd microtubes and their ethanol electrocatalysis properties. <i>Applied Surface Science</i> , 2017 , 403, 677-681	6.7	2
112	Electroformation of double vesicles using an amplitude modulated electric field. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 160, 697-703	6	9
111	Necklace-like fiber composite membrane for high-efficiency particulate matter capture. <i>Applied Surface Science</i> , 2017 , 425, 220-226	6.7	12
110	A Fissionable Artificial Eukaryote-like Cell Model. <i>Journal of the American Chemical Society</i> , 2017 , 139, 9955-9960	16.4	54
109	Controllable synthesis FeO@POHABA core-shell nanostructure as high-performance recyclable bifunctional magnetic antimicrobial agent. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 19017-19025	5.1	20
108	Template-free synthesis of inorganic hollow spheres at water/"water-brother" interfaces as Fenton-like reagents for water treatment. <i>Journal of Environmental Sciences</i> , 2017 , 55, 331-338	6.4	6
107	Electroformation of giant unilamellar vesicles in saline solution. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 147, 368-375	6	49
106	Microbubbles for Tumor Targeting Theranostics 2016 , 277-297		
105	Progress on Electrocatalysts of Hydrogen Evolution Reaction Based on Carbon Fiber Materials. <i>Chinese Journal of Analytical Chemistry</i> , 2016 , 44, 1447-1457	1.6	22
104	Bifunctional Demulsifier of ODTS Modified Magnetite/Reduced Graphene Oxide Nanocomposites for Oil/Water Separation. <i>ChemistrySelect</i> , 2016 , 1, 4742-4746	1.8	10
103	Hollow Platinum Nanospheres and Nanotubes Templated by Shear Flow-Induced Lipid Vesicles and Tubules and Their Applications on Hydrogen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 3773-3779	8.3	19

102	Patterned Liposome Polymer Composite Coatings. <i>ChemNanoMat</i> , 2016 , 2, 822-829	3.5	1
101	Synthesis and SAR of calcitonin gene-related peptide (CGRP) antagonists containing substituted aryl-piperazines and piperidines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 1229-32	2.9	3
100	Lipid membrane formation on chemical gradient modified surfaces. <i>RSC Advances</i> , 2016 , 6, 11325-11328	3.7	7
99	Light-triggered generation of multifunctional gas-filled capsules on-demand. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 652-658	7.1	5
98	Formation of square prism-shaped poly(o-phenylenediamine) fibers triggered by high ionic strength. <i>RSC Advances</i> , 2016 , 6, 21895-21899	3.7	4
97	Point-to-Plane Nonhomogeneous Electric-Field-Induced Simultaneous Formation of Giant Unilamellar Vesicles (GUVs) and Lipid Tubes. <i>Chemistry - A European Journal</i> , 2016 , 22, 2906-9	4.8	16
96	Fabrication of Thickness-Controllable Micropatterned Polyelectrolyte-Film/Nanoparticle Surfaces by Using the Plasma Oxidation Method. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 1059-64	4.5	1
95	A Ferricyanide-mediated Activated Sludge Bioassay for Determination of the Toxicity of Water. <i>Electroanalysis</i> , 2016 , 28, 580-587	3	11
94	Supported lipid bilayer membrane arrays on micro-patterned ITO electrodes. <i>RSC Advances</i> , 2016 , 6, 72821-72826	3.7	8
93	Magnetically triggered drug release from biocompatible microcapsules for potential cancer therapeutics. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 3269-3277	7.3	30
92	Polydopamine-coated liposomes as pH-sensitive anticancer drug carriers. <i>Journal of Microencapsulation</i> , 2016 , 33, 257-62	3.4	45
91	A pH-responsive asymmetric lipid vesicle as drug carrier. <i>Journal of Microencapsulation</i> , 2016 , 33, 663-668	3.4	14
90	Development of 1-Pyrazolo[3,4-]pyridines as Metabotropic Glutamate Receptor 5 Positive Allosteric Modulators. <i>ACS Medicinal Chemistry Letters</i> , 2016 , 7, 1082-1086	4.3	16
89	A novel electrochemiluminescent immunosensor based on CdS-coated ZnO nanorod arrays for HepG2 cell detection. <i>Nanoscale</i> , 2015 , 7, 3627-33	7.7	44
88	An Investigation on Subsurface Microstructural Evolution and Mild to Severe Wear Transition in AZ51 Magnesium Alloy. <i>Tribology Transactions</i> , 2015 , 58, 549-559	1.8	16
87	Roles of Friction-Induced Strain Hardening and Recrystallization in Dry Sliding Wear of AZ31 Magnesium Alloy. <i>Transactions of the Indian Institute of Metals</i> , 2015 , 68, 89-98	1.2	8
86	Discovery of new acylaminopyridines as GSK-3 inhibitors by a structure guided in-depth exploration of chemical space around a pyrrolopyridinone core. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 1856-63	2.9	52
85	Inorganic microcapsules mineralized at the interface of water droplets in ethanol solution and their application as drug carriers. <i>RSC Advances</i> , 2015 , 5, 82247-82251	3.7	7

84	Optimization of Brownian ratchets for the manipulation of charged components within supported lipid bilayers. <i>Applied Physics Letters</i> , 2015 , 106, 183703	3.4	19
83	A biomimetic enzyme modified electrode for H ₂ O ₂ highly sensitive detection. <i>Analyst, The</i> , 2015 , 140, 7792-8	5	16
82	An Investigation on Transition Between Mild and Severe Wear in Mg ₉₂ Al ₈ Zn Magnesium Alloy Using Recrystallization Kinetics Modeling. <i>Journal of Tribology</i> , 2015 , 137,	1.8	8
81	CdTe-paper-based Visual Sensor for Detecting Methyl Viologen. <i>Chinese Journal of Chemistry</i> , 2015 , 33, 446-450	4.9	15
80	Photosynthetic Proteins in Supported Lipid Bilayers: Towards a Biocleptic Approach for Energy Capture. <i>Small</i> , 2015 , 11, 3306-18	11	7
79	A Highly Efficient ZrO ₂ Nanoparticle Based Electrochemical Sensor for the Detection of Organophosphorus Pesticides. <i>Chinese Journal of Chemistry</i> , 2015 , 33, 1135-1139	4.9	27
78	Palladium nanotubes formed by lipid tubule templating and their application in ethanol electrocatalysis. <i>Chemistry - A European Journal</i> , 2015 , 21, 6084-9	4.8	13
77	Continuous Microfluidic Self-Assembly of Hybrid Janus-Like Vesicular Motors: Autonomous Propulsion and Controlled Release. <i>Small</i> , 2015 , 11, 3762-7	11	58
76	Resistance risk assessment for fludioxonil in <i>Stemphylium solani</i> . <i>Annals of Applied Biology</i> , 2015 , 167, 277-284	2.6	12
75	Fabrication of pH sensitive microcapsules using soft templates and their application to drug release. <i>RSC Advances</i> , 2015 , 5, 51271-51277	3.7	13
74	Decoratable hybrid-film-patch stabilized Pickering emulsions and their catalytic applications. <i>Nano Research</i> , 2015 , 8, 2603-2610	10	16
73	High impedance droplet-solid interface lipid bilayer membranes. <i>Analytical Chemistry</i> , 2015 , 87, 2094-9	7.8	12
72	Morphology-controlled synthesis of Ag nanoparticle decorated poly(o-phenylenediamine) using microfluidics and its application for hydrogen peroxide detection. <i>Chemical Engineering Journal</i> , 2015 , 268, 102-108	14.7	31
71	Micromixing enhancement in a novel passive mixer with symmetrical cylindrical grooves. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2015 , 10, 201-209	1.3	6
70	Interactions of the baicalin and baicalein with bilayer lipid membranes investigated by cyclic voltammetry and UV-Vis spectroscopy. <i>Bioelectrochemistry</i> , 2014 , 95, 29-33	5.6	26
69	Morphology controllable fabrication of poly-o-phenylenediamine microstructures tuned by the ionic strength and their applications in pH sensors. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 19208-19213	13	11
68	Combination of hematin and PEDOT via 1-pyrenebutanoic acid: a new platform for direct electrochemistry of hematin and biosensing applications. <i>RSC Advances</i> , 2014 , 4, 46980-46986	3.7	
67	A universal approach for the reversible phase transfer of hydrophilic nanoparticles. <i>Chemistry - A European Journal</i> , 2014 , 20, 15580-6	4.8	9

66	Lipid nanotube formation using space-regulated electric field above interdigitated electrodes. <i>ACS Nano</i> , 2014 , 8, 3961-9	16.7	35
65	Sliding Wear Map for AZ31 Magnesium Alloy. <i>Tribology Transactions</i> , 2014 , 57, 1077-1085	1.8	18
64	Mixing enhancement of a passive microfluidic mixer containing triangle baffles. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2014 , 9, 877-885	1.3	31
63	Size controllable synthesis and antimicrobial activity of poly-N,N'-[(4,5-dihydroxy-1,2-phenylene)bis(methylene)]bisacrylamide microspheres. <i>RSC Advances</i> , 2014 , 4, 57891-57898	3.7	11
62	Hydrodynamically Driven Self-Assembly of Giant Vesicles of Metal Nanoparticles for Remote-Controlled Release. <i>Angewandte Chemie</i> , 2013 , 125, 2523-2528	3.6	16
61	Electrochemiluminescent TiO/CdS nanocomposites for efficient immunosensing of HepG2 cells. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 5021-5027	7.3	25
60	The synthesis and SAR of calcitonin gene-related peptide (CGRP) receptor antagonists derived from tyrosine surrogates. Part 2. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013 , 23, 1870-3	2.9	6
59	Hydrogen Peroxide Biosensor Based on Direct Electrochemistry of Hemin in Egg Phosphatidylcholine Films. <i>Chinese Journal of Analytical Chemistry</i> , 2013 , 41, 1719-1723	1.6	1
58	Vesicular self-assembly of colloidal amphiphiles in microfluidics. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 9746-51	9.5	42
57	Synthesis of hierarchical dendritic micro-nano structure CoFe ₂ O ₄ alloy with tunable electromagnetic absorption performance. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 12462	13	41
56	Lipid bilayer membrane arrays: fabrication and applications. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2013 , 131, 121-52	1.7	1
55	Electric field-induced synthesis of dendritic nanostructured Fe for electromagnetic absorption application. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 4571	13	60
54	Electroformation of giant unilamellar vesicles using interdigitated ITO electrodes. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 7125	13	53
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