

Xiaojun Han

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papers

4,034
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223
ext. papers

4,850
ext. citations

6.3
avg, IF

5.97
L-index

192	Electroformation of giant unilamellar vesicles in saline solution. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 147, 368-375	6	49
191	Mixing enhancement of novel passive microfluidic mixers with cylindrical grooves. <i>Chemical Engineering Science</i> , 2012 , 81, 157-163	4.4	47
190	Efficient Erbium-Sensitized Core/Shell Nanocrystals for Short Wave Infrared Bioimaging. <i>Advanced Optical Materials</i> , 2018 , 6, 1800690	8.1	46
189	Hydrogen peroxide biosensor based on microperoxidase-11 entrapped in lipid membrane. <i>Biosensors and Bioelectronics</i> , 2003 , 18, 1225-30	11.8	45
188	Polydopamine-coated liposomes as pH-sensitive anticancer drug carriers. <i>Journal of Microencapsulation</i> , 2016 , 33, 257-62	3.4	45
187	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
186	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
185	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
184	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
183	Chemical communication in spatially organized protocell colonies and protocell/living cell micro-arrays. <i>Chemical Science</i> , 2019 , 10, 9446-9453	9.4	43
182	Vesicular self-assembly of colloidal amphiphiles in microfluidics. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 9746-51	9.5	42
181	Synthesis of hierarchical dendritic micro-nano structure Co _x Fe _{1-x} alloy with tunable electromagnetic absorption performance. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 12462	13	41
180	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
179	Lipid nanotube formation using space-regulated electric field above interdigitated electrodes. <i>ACS Nano</i> , 2014 , 8, 3961-9	16.7	35
178	Formation of individual protein channels in lipid bilayers suspended in nanopores. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009 , 73, 325-31	6	34
177	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
176	Manipulation and charge determination of proteins in photopatterned solid supported bilayers. <i>Integrative Biology (United Kingdom)</i> , 2009 , 1, 205-11	3.7	33
175	Synthesis and structure-activity relationship of imidazo[1,2-a]benzimidazoles as corticotropin-releasing factor 1 receptor antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005 , 15, 4029-32	2.9	33

174	Concentrating membrane proteins using asymmetric traps and AC electric fields. <i>Journal of the American Chemical Society</i> , 2011 , 133, 6521-4	16.4	32
173	Supported bilayer lipid membrane arrays on photopatterned self-assembled monolayers. <i>Chemistry - A European Journal</i> , 2007 , 13, 7957-64	4.8	32
172	Electrocatalytic oxidation of ascorbic acid by norepinephrine embedded in lipid cast film at glassy carbon electrode. <i>Electrochimica Acta</i> , 2001 , 46, 3367-3371	6.7	32
171	Programmed magnetic manipulation of vesicles into spatially coded prototissue architectures arrays. <i>Nature Communications</i> , 2020 , 11, 232	17.4	31
170	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
169	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
168	Formation of a Supported Hybrid Bilayer Membrane on Gold: A Sterically Enhanced Hydrophobic Effect. <i>Langmuir</i> , 2002 , 18, 4834-4839	4	31
167	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
166	Fabrication of Chemical Gradient Using Space Limited Plasma Oxidation and its Application for Droplet Motion. <i>Advanced Functional Materials</i> , 2012 , 22, 4533-4538	15.6	29
165	A novel method to fabricate patterned bilayer lipid membranes. <i>Langmuir</i> , 2007 , 23, 1354-8	4	29
164	Chemical Information Exchange in Organized Protocells and Natural Cell Assemblies with Controllable Spatial Positions. <i>Small</i> , 2020 , 16, e1906394	11	28
163	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
162	Concentration-dependent behavior of nisin interaction with supported bilayer lipid membrane. <i>Biophysical Chemistry</i> , 2002 , 99, 271-9	3.5	28
161	Chemical Signal Communication between Two Protoorganelles in a Lipid-Based Artificial Cell. <i>Analytical Chemistry</i> , 2019 , 91, 6859-6864	7.8	27
160	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
159	Cross coupling of 3-bromopyridine and sulfonamides (R ₁ NHSO ₂ R ₂ [R ₁ = H, Me, alkyl; R ₂ = alkyl and aryl]) catalyzed by CuI/1,3-di(pyridin-2-yl)propane-1,3-dione. <i>Tetrahedron Letters</i> , 2010 , 51, 360-362	2	27
158	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
157	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

156	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
155	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
154	Direct measurement of surface charge distribution in phase separating supported lipid bilayers. <i>Nanoscale</i> , 2018 , 10, 4538-4544	7.7	25
153	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
152	Electrochemiluminescent TiO ₂ /CdS nanocomposites for efficient immunosensing of HepG2 cells. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 5021-5027	7.3	25
151	Interdigitated Phospholipid/Alkanethiol Bilayers Assembled on APTMS-Supported Gold Colloid Electrodes. <i>Electroanalysis</i> , 2004 , 16, 127-131	3	25
150	Improved Photoreaction Yields for Soft Ultraviolet Photolithography in Organothiol Self-Assembled Monolayers. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 21642-21647	3.8	24
149	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
148	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
147	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
146	Interaction of K ₇ Fe ₃ P ₂ W ₁₇ O ₆₂ H ₂ with supported bilayer lipid membranes on platinum electrode. <i>Biophysical Chemistry</i> , 2003 , 106, 31-8	3.5	20
145	Growth of cationic lipid toward bilayer lipid membrane by solution spreading: scanning probe microscopy study. <i>Chemistry and Physics of Lipids</i> , 2003 , 123, 177-85	3.7	20
144	Bioadhesive anisotropic nanogrooved microfibers directing three-dimensional neurite extension. <i>Biomaterials Science</i> , 2019 , 7, 2165-2173	7.4	19
143	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
142	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
141	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
140	A cholesterol-based tether for creating photopatterned lipid membrane arrays on both a silica and gold surface. <i>Chemistry - A European Journal</i> , 2009 , 15, 6363-70	4.8	19
139	A self-assembly route for double bilayer lipid membrane formation. <i>ChemPhysChem</i> , 2010 , 11, 569-74	3.2	19

138	A practical and expedient synthesis of 2-heterocycle (CN bond) substituted 4-oxo-4-arylbutanoates. <i>Tetrahedron Letters</i> , 2007 , 48, 2845-2849	2	19
137	A strategy for constructing a hybrid bilayer membrane based on a carbon substrate. <i>Analytical Chemistry</i> , 2003 , 75, 6566-70	7.8	19
136	Electrochemistry and spectroscopy study on the interaction of microperoxidase-11 with lipid membrane. <i>Biophysical Chemistry</i> , 2001 , 94, 165-73	3.5	19
135	3D Electrospun Synthetic Extracellular Matrix for Tissue Regeneration. <i>Small Science</i> , 2021 , 1, 2100003		19
134	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
133	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
132	Sliding Wear Map for AZ31 Magnesium Alloy. <i>Tribology Transactions</i> , 2014 , 57, 1077-1085	1.8	18
131	Efficient synthesis of tertiary dialylamines from aryl sulfonylimidates via one-pot, sequential C-Si/C-C bond formations. <i>Organic Letters</i> , 2012 , 14, 2906-9	6.2	18
130	Syntheses of aza and fluorine-substituted 3-(piperidin-4-yl)-4,5-dihydro-1H-benzo[d][1,3]diazepin-2(3H)-ones. <i>Tetrahedron Letters</i> , 2009 , 50, 386-388	3.8	18
129	Study of the interaction between lanthanide ions and a supported bilayer lipid membrane by cyclic voltammetry and ac impedance. <i>Journal of Electroanalytical Chemistry</i> , 2002 , 523, 136-141	4.1	18
128	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
127	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
126	Catalytic asymmetric syntheses of tyrosine surrogates. <i>Journal of Organic Chemistry</i> , 2008 , 73, 8502-10	4.2	17
125	Phospholipid-Block Copolymer Hybrid Vesicles with Lysosomal Escape Ability. <i>Langmuir</i> , 2018 , 34, 6874-6886	4	17
124	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
123	A biomimetic enzyme modified electrode for H ₂ O ₂ highly sensitive detection. <i>Analyst, The</i> , 2015 , 140, 7792-8	5	16
122	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
121	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

120	Decoratable hybrid-film-patch stabilized Pickering emulsions and their catalytic applications. <i>Nano Research</i> , 2015 , 8, 2603-2610	10	16
119	Defect Formation Induced by PAMAM Dendrimers on Pt-Supported Bilayer Lipid Membranes Investigated by Electrochemistry. <i>Journal of the Electrochemical Society</i> , 2003 , 150, E218	3.9	16
118	A water soluble, recyclable organostannatrane. <i>Tetrahedron Letters</i> , 2001 , 42, 5837-5839	2	16
117	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
116	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
115	Versatile Phospholipid Assemblies for Functional Synthetic Cells and Artificial Tissues. <i>Advanced Materials</i> , 2021 , 33, e2002635	24	16
114	An edible film of sodium alginate/pullulan incorporated with capsaicin. <i>New Journal of Chemistry</i> , 2018 , 42, 17756-17761	3.6	16
113	CdTe-paper-based Visual Sensor for Detecting Methyl Viologen. <i>Chinese Journal of Chemistry</i> , 2015 , 33, 446-450	4.9	15
112	Characterization and property of DNA incorporated bilayer lipid membranes. <i>Biophysical Chemistry</i> , 2003 , 105, 1-9	3.5	15
111	Synthesis, structure-activity relationships, and anxiolytic activity of 7-aryl-6,7-dihydroimidazoimidazole corticotropin-releasing factor 1 receptor antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005 , 15, 3870-3	2.9	15
110	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
109	A pH-responsive asymmetric lipid vesicle as drug carrier. <i>Journal of Microencapsulation</i> , 2016 , 33, 663-668	3.4	14
108	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
107	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
106	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
105	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
104	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
103	Self-Assembled "Breathing" Grana-Like Cisternae Stacks. <i>Advanced Materials</i> , 2018 , 30, e1707482	24	12

102	Necklace-like fiber composite membrane for high-efficiency particulate matter capture. <i>Applied Surface Science</i> , 2017 , 425, 220-226	6.7	12
101	Resistance risk assessment for fludioxonil in <i>Stemphylium solani</i> . <i>Annals of Applied Biology</i> , 2015 , 167, 277-284	2.6	12
100	High impedance droplet-solid interface lipid bilayer membranes. <i>Analytical Chemistry</i> , 2015 , 87, 2094-9	7.8	12
99	The synthesis and SAR of calcitonin gene-related peptide (CGRP) receptor antagonists derived from tyrosine surrogates. Part 1. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012 , 22, 4723-7	2.9	12
98	Liposome-mediated conformation transition of DNA detected by molecular probe: methyl green. <i>Bioelectrochemistry</i> , 2003 , 59, 21-7	5.6	12
97	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
96	Melt Electrospinning Writing of Magnetic Microrobots. <i>Advanced Science</i> , 2021 , 8, 2003177	13.6	12
95	Acoustic deformation for the extraction of mechanical properties of lipid vesicle populations. <i>Physical Review E</i> , 2019 , 99, 063002	2.4	11
94	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
93	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
92	Ion-channel sensing of ferricyanide anion based on a supported bilayer lipid membrane. <i>Analytical Sciences</i> , 2001 , 17, 1171-4	1.7	11
91	A Ferricyanide-mediated Activated Sludge Bioassay for Determination of the Toxicity of Water. <i>Electroanalysis</i> , 2016 , 28, 580-587	3	11
90	Recent progress of inorganic metal-based catalysts in electrocatalytic synthesis of ammonia. <i>Materials Today Energy</i> , 2021 , 21, 100766	7	11
89	Detection of Tetracycline in Water Using Glutathione-protected Fluorescent Gold Nanoclusters. <i>Analytical Sciences</i> , 2019 , 35, 367-370	1.7	10
88	In situ Surface Charge Density Visualization of Self-assembled DNA Nanostructures after Ion Exchange. <i>ChemPhysChem</i> , 2020 , 21, 1474-1482	3.2	10
87	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
86	Bifunctional Demulsifier of ODTS Modified Magnetite/Reduced Graphene Oxide Nanocomposites for Oil/Water Separation. <i>ChemistrySelect</i> , 2016 , 1, 4742-4746	1.8	10
85	Forming lipid bilayer membrane arrays on micropatterned polyelectrolyte film surfaces. <i>Chemistry - A European Journal</i> , 2013 , 19, 9059-63	4.8	10

84	Catalytic asymmetric syntheses of alpha-amino and alpha-hydroxyl acid derivatives. <i>Journal of Organic Chemistry</i> , 2009 , 74, 3993-6	4.2	10
83	A hierarchically ordered compacted coil scaffold for tissue regeneration. <i>NPG Asia Materials</i> , 2020 , 12,	10.3	10
82	Deformation of giant unilamellar vesicles under osmotic stress. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 172, 459-463	6	10
81	Multicompartmentalized Microreactors Containing Nuclei and Catalase-Loaded Liposomes. <i>Biomacromolecules</i> , 2018 , 19, 4379-4385	6.9	10
80	Electroformation of double vesicles using an amplitude modulated electric field. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 160, 697-703	6	9
79	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
78	A universal approach for the reversible phase transfer of hydrophilic nanoparticles. <i>Chemistry - A European Journal</i> , 2014 , 20, 15580-6	4.8	9
77	Formation of lipid bilayer microarrays on photo-oxidized polystyrene surfaces. <i>Chemistry - A European Journal</i> , 2011 , 17, 14741-4	4.8	9
76	Studies of Perchlorate Triggered Ion-Gate Behavior of sBLM by Electrochemiluminescence and Its Application to a Sensor for Perchlorate. <i>Electroanalysis</i> , 2002 , 14, 1185-1190	3	9
75	Phototherapy ablation of rabbit orthotopic tumors by non-stoichiometric BiPO ₄ nanoparticles. <i>Chemical Engineering Journal</i> , 2020 , 386, 123961	14.7	9
74	Targeted miR-21 loaded liposomes for acute myocardial infarction. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 10384-10391	7.3	9
73	Giant Unilamellar Vesicle Microarrays for Cell Function Study. <i>Analytical Chemistry</i> , 2018 , 90, 14363-14367	7.8	9
72	Reversible conductivity recovery of highly sensitive flexible devices by water vapor. <i>Npj Flexible Electronics</i> , 2018 , 2,	10.7	9
71	Self-Assembled Rough Endoplasmic Reticulum-Like Proto-Organelles. <i>iScience</i> , 2018 , 8, 138-147	6.1	9
70	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
69	Codelivery of doxorubicin and sodium tanshinone IIA sulfonate using multicompartmentalized vesosomes to enhance synergism and prevent doxorubicin-induced cardiomyocyte apoptosis. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 5243-5247	7.3	8
68	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
67	An Investigation on Transition Between Mild and Severe Wear in Mg ₉₅ Al _{0.8} Zn Magnesium Alloy Using Recrystallization Kinetics Modeling. <i>Journal of Tribology</i> , 2015 , 137,	1.8	8

66	An orally active corticotropin releasing factor 1 receptor antagonist from 8-aryl-1,3a,7,8-tetraaza-cyclopenta[a]indenes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007 , 17, 2026-2030	2.9	8
65	Facilitated Ion-Transfer of Sodium Cation by (Anthraquinone-1-yloxy) methane-15-crown-5 Across the Water/1,2-Dichloroethane Microinterface. <i>Electroanalysis</i> , 2004 , 16, 1014-1018	3	8
64	Supported lipid bilayer membrane arrays on micro-patterned ITO electrodes. <i>RSC Advances</i> , 2016 , 6, 72821-72826	3.7	8
63	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
62	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
61	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
60	Lipid membrane formation on chemical gradient modified surfaces. <i>RSC Advances</i> , 2016 , 6, 11325-11328	3.7	7
59	Lipid tubes formation induced by electroosmotic flow. <i>Chemical Physics Letters</i> , 2018 , 706, 515-519	2.5	7
58	Bowl-like Micromotors Using Red Blood Cell Membrane as Template. <i>ChemistrySelect</i> , 2019 , 4, 10296-10298	2.8	7
57	Photosynthetic Proteins in Supported Lipid Bilayers: Towards a Biokleptic Approach for Energy Capture. <i>Small</i> , 2015 , 11, 3306-18	11	7
56	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
55	Effect of cholesterol on the fluidity of supported lipid bilayers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020 , 196, 111353	6	7
54	Research Progress of Electrochemical Detection of Heavy Metal Ions. <i>Chinese Journal of Analytical Chemistry</i> , 2021 , 49, 330-340	1.6	7
53	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
52	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
51	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
50	Electrochemical Study of the Bilayer Lipid Membrane. <i>Behavior Research Methods</i> , 2005 , 2, 261-303	6.1	6
49	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

48	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
47	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
46	Interaction of cells with patterned reactors. <i>Biomaterials Science</i> , 2018 , 6, 793-802	7.4	5
45	Light-triggered generation of multifunctional gas-filled capsules on-demand. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 652-658	7.1	5
44	Prediction of the size of electroformed giant unilamellar vesicle using response surface methodology. <i>Biophysical Chemistry</i> , 2019 , 253, 106217	3.5	5
43	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	5
42	Interaction of pH-responsive polyanions with phospholipid membranes. <i>Polymer Chemistry</i> , 2019 , 10, 5992-5997	4.9	5
41	Polymer antibacterial agent immobilized polyethylene films as efficient antibacterial cling films. <i>Materials Science and Engineering C</i> , 2019 , 105, 110088	8.3	4
40	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
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