

# Renliang Huang

## 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.

218  
papers

5,357  
citations

42  
h-index

62  
g-index

228  
ext. papers

6,675  
ext. citations

6.9  
avg, IF

6.1  
L-index

#	Paper	IF	Citations
218	Real-Time Thickness Measurement of Marine Oil Spill by Fiber-Optic Surface Plasmon Resonance Sensors. <i>Frontiers in Marine Science</i> , <b>2022</b> , 8,	4.5	2
217	One-pot production of phenazine from lignin-derived catechol. <i>Green Chemistry</i> , <b>2022</b> , 24, 1224-1230	10	2
216	Preparation of amorphous MOF based biomimetic nanozyme with high laccase- and catecholase-like activity for the degradation and detection of phenolic compounds. <i>Chemical Engineering Journal</i> , <b>2022</b> , 434, 134677	14.7	6
215	Controllable synthesis of a sponge-like Z-scheme N,S-CQDs/BiMoO@TiO film with enhanced photocatalytic and antimicrobial activity under visible/NIR light irradiation.. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 429, 128310	12.8	2
214	Construction of biomimetic nanozyme with high laccase- and catecholase-like activity for oxidation and detection of phenolic compounds.. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 429, 128404	12.8	2
213	Nano-engineered natural sponge as a recyclable and deformable reactor for ultrafast conversion of pollutants from water. <i>Chemical Engineering Science</i> , <b>2022</b> , 247, 117049	4.4	3
212	Greener production of cellulose nanocrystals: An optimised design and life cycle assessment. <i>Journal of Cleaner Production</i> , <b>2022</b> , 345, 131073	10.3	3
211	Self-assembly of peptide nanofibers with chirality-encoded antimicrobial activity.. <i>Journal of Colloid and Interface Science</i> , <b>2022</b> , 622, 135-146	9.3	2
210	Superhydrophobic, elastic and anisotropic cellulose nanofiber aerogels for highly effective oil/water separation. <i>Separation and Purification Technology</i> , <b>2022</b> , 121266	8.3	3
209	Flame-resistant bifunctional MOF-based sponges for effective separation of oil/water mixtures and enzyme-like degradation of organic pollutants. <i>Chemical Engineering Research and Design</i> , <b>2022</b> , 163, 636-644	5.5	0
208	Chiral self-assembly of peptides: Toward the design of supramolecular polymers with enhanced chemical and biological functions. <i>Progress in Polymer Science</i> , <b>2021</b> , 123, 101469	29.6	2
207	Rational Design of Chiral Nanohelices from Self-Assembly of Meso-tetrakis (4-Carboxyphenyl) Porphyrin-Amino Acid Conjugates. <i>Langmuir</i> , <b>2021</b> , 37, 13067-13074	4	1
206	Efficient removal of chloroform in groundwater by polyethylene glycol-stabilized Fe/Ni nanoparticles. <i>Environmental Chemistry Letters</i> , <b>2021</b> , 19, 3511-3515	13.3	2
205	Biomimetic surface coatings for marine antifouling: Natural antifoulants, synthetic polymers and surface microtopography. <i>Science of the Total Environment</i> , <b>2021</b> , 766, 144469	10.2	23
204	Bioinspired Phosphatase-like Mimic Built from the Self-Assembly of De Novo Designed Helical Short Peptides. <i>ACS Catalysis</i> , <b>2021</b> , 11, 5839-5849	13.1	6
203	Self-Templated, Enantioselective Assembly of an Amyloid-like Dipeptide into Multifunctional Hierarchical Helical Arrays. <i>ACS Nano</i> , <b>2021</b> , 15, 9827-9840	16.7	3
202	One-pot synthesis of fluorine functionalized Zr-MOFs and their in situ growth on sponge for oil absorption. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 616, 126322	5.1	6

201	Synergistic effect of polystyrene nanoplastics and contaminants on the promotion of insulin fibrillation. <i>Ecotoxicology and Environmental Safety</i> , <b>2021</b> , 214, 112115	7	1
200	Self-Assembly of Ferrocenyl Phenylalanine into Nanohelical Arrays via Kinetic Control.. <i>ACS Applied Bio Materials</i> , <b>2021</b> , 4, 4744-4752	4.1	1
199	Alizarin and Purpurin from L. Suppress Insulin Fibrillation and Reduce the Amyloid-Induced Cytotoxicity. <i>ACS Chemical Neuroscience</i> , <b>2021</b> , 12, 2182-2193	5.7	4
198	Self-Assembly of Peptide Hierarchical Helical Arrays with Sequence-Encoded Circularly Polarized Luminescence. <i>Nano Letters</i> , <b>2021</b> , 21, 6406-6415	11.5	8
197	Effect of Hydrophobicity and Charge Separation on the Antifouling Properties of Surface-Tethered Zwitterionic Peptides. <i>Langmuir</i> , <b>2021</b> , 37, 8455-8462	4	5
196	Ferrocene-Modified Metal-Organic Frameworks as a Peroxidase-Mimicking Catalyst. <i>Catalysis Letters</i> , <b>2021</b> , 151, 478-486	2.8	9
195	Control of peptide hydrogel formation and stability via heating treatment. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 583, 234-242	9.3	2
194	Synergy between endo/exo-glucanases and expansin enhances enzyme adsorption and cellulose conversion. <i>Carbohydrate Polymers</i> , <b>2021</b> , 253, 117287	10.3	9
193	Preparation of laccase mimicking nanozymes and their catalytic oxidation of phenolic pollutants. <i>Catalysis Science and Technology</i> , <b>2021</b> , 11, 3402-3410	5.5	12
192	Construction and stabilization of a peptide-based peroxidase mimic for the colorimetric detection of uric acid and sarcosine. <i>Chemical Engineering Journal</i> , <b>2021</b> , 416, 129149	14.7	5
191	Enhanced enzymatic hydrolysis of cellulose by endoglucanase via expansin pretreatment and the addition of zinc ions. <i>Bioresource Technology</i> , <b>2021</b> , 333, 125139	11	2
190	Lubricin-Inspired Loop Zwitterionic Peptide for Fabrication of Superior Antifouling Surfaces. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 41978-41986	9.5	3
189	Divalent cations accelerate aggregation of Black phosphorus nanodots. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 341, 117331	6	
188	Advances in nanocellulose-based materials as adsorbents of heavy metals and dyes. <i>Carbohydrate Polymers</i> , <b>2021</b> , 272, 118471	10.3	20
187	Highly selective reductive catalytic fractionation at atmospheric pressure without hydrogen. <i>Green Chemistry</i> , <b>2021</b> , 23, 1648-1657	10	13
186	Mineralization and Self-assembly of Gold Nanoparticles using Sulfur Amino Acid Modified Hierarchically Porous Metal-Organic Frameworks. <i>ChemistrySelect</i> , <b>2021</b> , 6, 712-716	1.8	2
185	Tannic acid enhances the removal of chloroform from water using NaOH-activated persulfate. <i>Environmental Chemistry Letters</i> , <b>2020</b> , 18, 1441-1446	13.3	5
184	Synthesis of superhydrophobic and high stable Zr-MOFs for oil-water separation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2020</b> , 602, 125102	5.1	31

183	Fabrication of nanohybrids assisted by protein-based materials for catalytic applications. <i>Catalysis Science and Technology</i> , <b>2020</b> , 10, 3515-3531	5.5	5
182	Role of molecular chirality and solvents in directing the self-assembly of peptide into an ultra-pH-sensitive hydrogel. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 577, 388-396	9.3	9
181	A tumor-sensitive biological metal-organic complex for drug delivery and cancer therapy. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 7189-7196	7.3	10
180	Self-assembly of multifunctional hydrogels with polyoxometalates helical arrays using nematic peptide liquid crystal template. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 578, 218-228	9.3	4
179	In situ growth of AuAg bimetallic nanorings on optical fibers for enhanced plasmonic sensing. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 7552-7560	7.1	5
178	Bioinspired Fluorescent Peptidyl Nanoparticles with Rainbow Colors. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 31830-31841	9.5	7
177	Ferrocene-modified peptides as inhibitors against insulin amyloid aggregation based on molecular simulation. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 3076-3086	7.3	8
176	Construction of a Mercapto-Functionalized Zr-MOF/Melamine Sponge Composite for the Efficient Removal of Oils and Heavy Metal Ions from Water. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2020</b> , 59, 13220-13227	3.9	12
175	Construction of luffa sponge-based magnetic carbon nanocarriers for laccase immobilization and its application in the removal of bisphenol A. <i>Bioresource Technology</i> , <b>2020</b> , 305, 123085	11	13
174	Effect of Sugars on the Real-Time Adsorption of Expansin on Cellulose. <i>Biomacromolecules</i> , <b>2020</b> , 21, 1776-1784	6.9	3
173	Three-dimensional printing of black phosphorous/polypyrrole electrode for energy storage using thermoresponsive ink. <i>Chemical Communications</i> , <b>2020</b> , 56, 3115-3118	5.8	10
172	Zwitterionic Peptide Enhances Protein-Resistant Performance of Hyaluronic Acid-Modified Surfaces. <i>Langmuir</i> , <b>2020</b> , 36, 1923-1929	4	11
171	Polydopamine-Assisted Surface Coating of MIL-53 and Dodecanethiol on a Melamine Sponge for Oil-Water Separation. <i>Langmuir</i> , <b>2020</b> , 36, 1212-1220	4	27
170	Structures and Antifouling Properties of Self-Assembled Zwitterionic Peptide Monolayers: Effects of Peptide Charge Distributions and Divalent Cations. <i>Biomacromolecules</i> , <b>2020</b> , 21, 2087-2095	6.9	13
169	Real-Time QCM-D Monitoring of the Adsorption-Desorption of Expansin on Lignin. <i>Langmuir</i> , <b>2020</b> , 36, 4503-4510	4	4
168	Nontoxic Black Phosphorus Quantum Dots Inhibit Insulin Amyloid Fibrillation at an Ultralow Concentration. <i>IScience</i> , <b>2020</b> , 23, 101044	6.1	10
167	Co-assembly of curcumin and a cystine bridged peptide to construct tumor-responsive nano-micelles for efficient chemotherapy. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 1944-1951	7.3	7
166	Bioinspired pH-Sensitive Fluorescent Peptidyl Nanoparticles for Cell Imaging. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 4212-4220	9.5	11

165	Interaction of particles with mucosae and cell membranes. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2020</b> , 186, 110657	6	5
164	Green fluorescent protein inspired fluorophores. <i>Advances in Colloid and Interface Science</i> , <b>2020</b> , 285, 102286	14.3	13
163	Self-Assembly of Ferrocene-Phenylalanine@Graphene Oxide Hybrid Hydrogels for Dopamine Detection. <i>ChemPlusChem</i> , <b>2020</b> , 85, 2341-2348	2.8	3
162	Thermally Induced Structural Transition of Peptide Nanofibers into Nanoparticles with Enhanced Fluorescence Properties. <i>ChemPlusChem</i> , <b>2020</b> , 85, 1523-1528	2.8	3
161	Molecularly imprinted peptide-based enzyme mimics with enhanced activity and specificity. <i>Soft Matter</i> , <b>2020</b> , 16, 7033-7039	3.6	9
160	Self-Assembled Bio-Organometallic Nanocatalysts for Highly Enantioselective Direct Aldol Reactions. <i>Langmuir</i> , <b>2020</b> , 36, 13735-13742	4	0
159	Assembled peptides for biomimetic catalysis <b>2020</b> , 383-413		1
158	Self-Assembly of Peptide Chiral Nanostructures with Sequence-Encoded Enantioselective Capability. <i>Langmuir</i> , <b>2020</b> , 36, 10361-10370	4	3
157	Enhanced photocatalytic degradation of antibiotics in water over functionalized N,S-doped carbon quantum dots embedded ZnO nanoflowers under sunlight irradiation. <i>Chemical Engineering Journal</i> , <b>2020</b> , 382, 123016	14.7	65
156	Controllable synthesis of ZnO nanoflowers with structure-dependent photocatalytic activity. <i>Catalysis Today</i> , <b>2020</b> , 355, 397-407	5.3	20
155	Self-assembled chiral nanoribbons studied by terahertz time-domain spectroscopy and other biological methods. <i>Chemical Physics Letters</i> , <b>2019</b> , 717, 130-135	2.5	
154	Self-Assembly of Ferrocene Peptides: A Nonheme Strategy to Construct a Peroxidase Mimic. <i>Advanced Materials Interfaces</i> , <b>2019</b> , 6, 1901082	4.6	4
153	Synergy between Zwitterionic Polymers and Hyaluronic Acid Enhances Antifouling Performance. <i>Langmuir</i> , <b>2019</b> , 35, 15535-15542	4	19
152	Three-Dimensionally Printed Bioinspired Superhydrophobic Packings for Oil-in-Water Emulsion Separation. <i>Langmuir</i> , <b>2019</b> , 35, 12799-12806	4	13
151	Fluorescent silicon nanoparticles inhibit the amyloid fibrillation of insulin. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 1397-1403	7.3	12
150	Interactions of Transition Metal Dichalcogenide Nanosheets With Mucin: Quartz Crystal Microbalance With Dissipation, Surface Plasmon Resonance, and Spectroscopic Probing. <i>Frontiers in Chemistry</i> , <b>2019</b> , 7, 166	5	
149	Polyamine-induced, chiral expression from liquid crystalline peptide nanofilaments to long-range ordered nanohelices. <i>Soft Matter</i> , <b>2019</b> , 15, 4818-4826	3.6	4
148	Construction of a bioinspired laccase-mimicking nanozyme for the degradation and detection of phenolic pollutants. <i>Applied Catalysis B: Environmental</i> , <b>2019</b> , 254, 452-462	21.8	82

147	Constructing peptide-based artificial hydrolases with customized selectivity. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 3804-3810	7.3	10
146	One-pot synthesis of mercapto functionalized Zr-MOFs for the enhanced removal of Hg ions from water. <i>Chemical Communications</i> , <b>2019</b> , 55, 6775-6778	5.8	19
145	Frontispiz: Biomimetic Bottlebrush Polymer Coatings for Fabrication of Ultralow Fouling Surfaces. <i>Angewandte Chemie</i> , <b>2019</b> , 131,	3.6	2
144	Interactions between Lubricin and Hyaluronic Acid Synergistically Enhance Antiadhesive Properties. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 18090-18102	9.5	17
143	Two-dimensional MOF-derived nanoporous Cu/Cu <sub>2</sub> O networks as catalytic membrane reactor for the continuous reduction of p-nitrophenol. <i>Journal of Membrane Science</i> , <b>2019</b> , 582, 30-36	9.6	26
142	In situ fabrication of multifunctional gold-amino acid superstructures based on self-assembly. <i>Chemical Communications</i> , <b>2019</b> , 55, 3967-3970	5.8	6
141	Continuous rapid dechlorination of p-chlorophenol by Fe-Pd nanoparticles promoted by procyanidin. <i>Chemical Engineering Science</i> , <b>2019</b> , 201, 121-131	4.4	10
140	Disulfide crosslinking and helical coiling of peptide micelles facilitate the formation of a printable hydrogel. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 2981-2988	7.3	8
139	Amphiphilic hydrogels for biomedical applications. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 2899-2910	7.3	32
138	Construction of Supramolecular Nanostructures with High Catalytic Activity by Photoinduced Hierarchical Co-Assembly. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 7896-7902	4.8	3
137	Photo- and Aromatic Stacking-Induced Green Emissive Peptidyl Nanoparticles for Cell Imaging and Monitoring of Nucleic Acid Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 15401-15410	9.5	8
136	Real-Time QCM-D Monitoring of Deposition of Gold Nanorods on a Supported Lipid Bilayer as a Model Cell Membrane. <i>ACS Omega</i> , <b>2019</b> , 4, 6059-6067	3.9	4
135	Recycling Strategy and Repression Elimination for Lignocellulosic-Based Farnesene Production with an Engineered. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 9858-9867	5.7	6
134	Sequential sandwich immunoassay for simultaneous detection in trace samples using single-channel surface plasmon resonance. <i>Analyst, The</i> , <b>2019</b> , 144, 5700-5705	5	5
133	Protamine-induced condensation of peptide nanofilaments into twisted bundles with controlled helical geometry. <i>Journal of Peptide Science</i> , <b>2019</b> , 25, e3176	2.1	1
132	Tandem Biocatalysis by CotA-TJ102@UIO-66-NH <sub>2</sub> and Novozym 435 for Highly Selective Transformation of HMF into FDCA. <i>Transactions of Tianjin University</i> , <b>2019</b> , 25, 488-496	2.9	8
131	Promising Techniques for Depolymerization of Lignin into Value-added Chemicals. <i>ChemCatChem</i> , <b>2019</b> , 11, 639-654	5.2	41
130	Biomimetic Bottlebrush Polymer Coatings for Fabrication of Ultralow Fouling Surfaces. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 1322-1328	3.6	13

129	Biomimetic Bottlebrush Polymer Coatings for Fabrication of Ultralow Fouling Surfaces. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 1308-1314	16.4	47
128	Synthesis of 2,5-diformylfuran from 5-hydroxymethylfurfural in ethyl acetate using 4-acetamido-TEMPO as a recyclable catalyst. <i>Catalysis Today</i> , <b>2019</b> , 319, 121-127	5.3	12
127	Integrating chromium-based ceramic and acid catalysis to convert glucose into 5-hydroxymethylfurfural. <i>Renewable Energy</i> , <b>2018</b> , 125, 327-333	8.1	13
126	Enhanced enzymatic hydrolysis of corncob by ultrasound-assisted soaking in aqueous ammonia pretreatment. <i>3 Biotech</i> , <b>2018</b> , 8, 166	2.8	14
125	Constructing Redox-Responsive Metal-Organic Framework Nanocarriers for Anticancer Drug Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 16698-16706	9.5	100
124	Molecularly Imprinted Core-Shell CdSe@SiO <sub>2</sub> /CDs as a Ratiometric Fluorescent Probe for 4-Nitrophenol Sensing. <i>Nanoscale Research Letters</i> , <b>2018</b> , 13, 27	5	24
123	A light-responsive multienzyme complex combining cascade enzymes within a peptide-based matrix.. <i>RSC Advances</i> , <b>2018</b> , 8, 6047-6052	3.7	5
122	A supramolecular approach to construct a hydrolase mimic with photo-switchable catalytic activity. <i>Journal of Materials Chemistry B</i> , <b>2018</b> , 6, 2444-2449	7.3	26
121	One-pot conversions of carbohydrates to 5-hydroxymethylfurfural using Sn-ceramic powder and hydrochloric acid. <i>Catalysis Today</i> , <b>2018</b> , 302, 94-99	5.3	14
120	Three-dimensionally printed bioinspired superhydrophobic PLA membrane for oil-water separation. <i>AIChE Journal</i> , <b>2018</b> , 64, 3700-3708	3.6	38
119	Peptide Biomaterials: Photo-Induced Polymerization and Reconfigurable Assembly of Multifunctional Ferrocene-Tyrosine (Small 25/2018). <i>Small</i> , <b>2018</b> , 14, 1870118	11	1
118	Tannic acid-assisted fabrication of Fe-Pd nanoparticles for stable rapid dechlorination of two organochlorides. <i>Chemical Engineering Journal</i> , <b>2018</b> , 352, 716-721	14.7	14
117	Gold Nanoparticle-Aptamer-Based LSPR Sensing of Ochratoxin A at a Widened Detection Range by Double Calibration Curve Method. <i>Frontiers in Chemistry</i> , <b>2018</b> , 6, 94	5	22
116	Design of Silica Nanostructures with Tunable Architectures Templated by Ferrocene Peptides. <i>ChemistrySelect</i> , <b>2018</b> , 3, 4939-4943	1.8	4
115	Rationally Designed Peptidyl Virus-Like Particles Enable Targeted Delivery of Genetic Cargo. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 14228-14232	3.6	2
114	Self-Assembled Microporous Peptide-Polysaccharide Aerogels for Oil-Water Separation. <i>Langmuir</i> , <b>2018</b> , 34, 10732-10738	4	18
113	Poly (L-Glutamic Acid) Promotes Enhanced Dechlorination of p-Chlorophenol by Fe-Pd Nanoparticles. <i>Nanoscale Research Letters</i> , <b>2018</b> , 13, 219	5	6
112	Rational Design of Mimic Multienzyme Systems in Hierarchically Porous Biomimetic Metal-Organic Frameworks. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 33407-33415	9.5	62

111	Rationally Designed Peptidyl Virus-Like Particles Enable Targeted Delivery of Genetic Cargo. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 14032-14036	16.4	25
110	Aromatic Motifs Dictate Nanohelix Handedness of Tripeptides. <i>ACS Nano</i> , <b>2018</b> , 12, 12305-12314	16.7	30
109	Real-time adsorption and action of expansin on cellulose. <i>Biotechnology for Biofuels</i> , <b>2018</b> , 11, 317	7.8	11
108	Peptide-Templated Synthesis of TiO Nanofibers with Tunable Photocatalytic Activity. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 18123-18129	4.8	7
107	Interactions of Fly Ash Particles with Mucin and Serum Albumin. <i>Langmuir</i> , <b>2018</b> , 34, 12251-12258	4	7
106	Columnar Liquid Crystals Self-Assembled by Minimalistic Peptides for Chiral Sensing and Synthesis of Ordered Mesoporous Silica. <i>Chemistry of Materials</i> , <b>2018</b> , 30, 7902-7911	9.6	28
105	Real-Time Adsorption of Exo- and Endoglucanases on Cellulose: Effect of pH, Temperature, and Inhibitors. <i>Langmuir</i> , <b>2018</b> , 34, 13514-13522	4	9
104	Exploration of Intrinsic Lipase-Like Activity of Zirconium-Based Metal-Organic Frameworks. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 4579-4585	2.3	13
103	Photo-Induced Polymerization and Reconfigurable Assembly of Multifunctional Ferrocene-Tyrosine. <i>Small</i> , <b>2018</b> , 14, e1800772	11	13
102	Bioinspired Peptide-Coated Superhydrophilic Poly(vinylidene fluoride) Membrane for Oil/Water Emulsion Separation. <i>Langmuir</i> , <b>2018</b> , 34, 6621-6627	4	34
101	Adsorption-Desorption Behavior of Black Phosphorus Quantum Dots on Mucin Surface. <i>Langmuir</i> , <b>2018</b> , 34, 8508-8515	4	10
100	Cascade catalysis via dehydration and oxidation: one-pot synthesis of 2,5-diformylfuran from fructose using acid and V2O5/ceramic catalysts. <i>RSC Advances</i> , <b>2017</b> , 7, 7560-7566	3.7	22
99	Design of elution strategy for simultaneous detection of chloramphenicol and gentamicin in complex samples using surface plasmon resonance. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 92, 266-272	11.8	22
98	Co-assembly of Fmoc-tripeptide and gold nanoparticles as a facile approach to immobilize nanocatalysts. <i>RSC Advances</i> , <b>2017</b> , 7, 15736-15741	3.7	7
97	Response to "Comment on 'Tunable Design of Structural Colors Produced by Pseudo-1D Photonic Crystals of Graphene Oxide' and Thin-Film Interference from Dried Graphene Oxide Film". <i>Small</i> , <b>2017</b> , 13, 1700102	11	2
96	Selective Synthesis of 2,5-Diformylfuran and 2,5-Furandicarboxylic Acid from 5-Hydroxymethylfurfural and Fructose Catalyzed by Magnetically Separable Catalysts. <i>Energy &amp; Fuels</i> , <b>2017</b> , 31, 533-541	4.1	53
95	Structural Insight into Stabilization of Pickering Emulsions with Fe3O4@SiO2 Nanoparticles for Enzyme Catalysis in Organic Media. <i>Particle and Particle Systems Characterization</i> , <b>2017</b> , 34, 1700117	3.1	10
94	3D Flower-like Micro/Nano CeMo Composite Oxides as Effective Bifunctional Catalysts for One-Pot Conversion of Fructose to 2,5-Diformylfuran. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2017</b> , 5, 4179-4187	8.3	38



93	Oscillating Cellulase Adsorption and Enhanced Lignocellulose Hydrolysis upon Ultrasound Treatment. <i>Transactions of Tianjin University</i> , <b>2017</b> , 23, 11-19	2.9	2
92	Oriented Enzyme Immobilization at the Oil/Water Interface Enhances Catalytic Activity and Recyclability in a Pickering Emulsion. <i>Langmuir</i> , <b>2017</b> , 33, 12317-12325	4	32
91	A facile strategy for enzyme immobilization with highly stable hierarchically porous metal-organic frameworks. <i>Nanoscale</i> , <b>2017</b> , 9, 17561-17570	7.7	81
90	Bioorganometallic ferrocene-tripeptide nanoemulsions. <i>Nanoscale</i> , <b>2017</b> , 9, 15323-15331	7.7	21
89	Capillary Flow-Driven, Hierarchical Chiral Self-Assembly of Peptide Nanohelix Arrays. <i>Advanced Materials Interfaces</i> , <b>2017</b> , 4, 1700514	4.6	3
88	Reconfigurable Chiral Self-Assembly of Peptides through Control of Terminal Charges. <i>Small</i> , <b>2017</b> , 13, 1700999	11	24
87	Enhanced cellulase recovery without $\alpha$ -glucosidase supplementation for cellulosic ethanol production using an engineered strain and surfactant. <i>Biotechnology and Bioengineering</i> , <b>2017</b> , 114, 543-551	4.9	10
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