

Wei Qi

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.

252
papers

5,341
citations

41
h-index

61
g-index

263
ext. papers

6,737
ext. citations

6.7
avg, IF

6.16
L-index

#	Paper	IF	Citations
252	One-pot production of phenazine from lignin-derived catechol. <i>Green Chemistry</i> , 2022 , 24, 1224-1230	10	2
251	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> , 2022 , 434, 134677	14.7	6
250	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> , 2022 , 429, 128310	12.8	2
249	Construction of biomimetic nanozyme with high laccase- and catecholase-like activity for oxidation and detection of phenolic compounds.. <i>Journal of Hazardous Materials</i> , 2022 , 429, 128404	12.8	2
248	Copper ions binding regulation for the high-efficiency biodegradation of ciprofloxacin and tetracycline-HCl by low-cost permeabilized-cells. <i>Bioresource Technology</i> , 2022 , 344, 126297	11	1
247	Circularly Polarized Luminescent Chiral Photonic Films Based on the Coassembly of Cellulose Nanocrystals and Gold Nanoclusters.. <i>Langmuir</i> , 2022 ,	4	4
246	Development of SERS-based immunoassay for the detection of cryptococcosis biomarker.. <i>Analytical and Bioanalytical Chemistry</i> , 2022 , 1	4.4	0
245	Self-assembly of peptide nanofibers with chirality-encoded antimicrobial activity.. <i>Journal of Colloid and Interface Science</i> , 2022 , 622, 135-146	9.3	2
244	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> , 2022 , 163, 636-644	5.5	0
243	Chiral photonic materials self-assembled by cellulose nanocrystals. <i>Current Opinion in Solid State and Materials Science</i> , 2022 , 26, 101017	12	2
242	Oligomeric procyanidins inhibit insulin fibrillation by forming unstructured and off-pathway aggregates.. <i>RSC Advances</i> , 2021 , 11, 37290-37298	3.7	0
241	Laccase-catalyzed soy protein and gallic acid complexation: Effects on conformational structures and antioxidant activity.. <i>Food Chemistry</i> , 2021 , 375, 131865	8.5	4
240	Chiral self-assembly of peptides: Toward the design of supramolecular polymers with enhanced chemical and biological functions. <i>Progress in Polymer Science</i> , 2021 , 123, 101469	29.6	2
239	Rational Design of Chiral Nanohelices from Self-Assembly of Meso-tetrakis (4-Carboxyphenyl) Porphyrin-Amino Acid Conjugates. <i>Langmuir</i> , 2021 , 37, 13067-13074	4	1
238	Efficient removal of chloroform in groundwater by polyethylene glycol-stabilized Fe/Ni nanoparticles. <i>Environmental Chemistry Letters</i> , 2021 , 19, 3511-3515	13.3	2
237	Biomimetic surface coatings for marine antifouling: Natural antifoulants, synthetic polymers and surface microtopography. <i>Science of the Total Environment</i> , 2021 , 766, 144469	10.2	23
236	An effective enzymatic assay for pH selectively measuring direct and total bilirubin concentration by using of CotA. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 547, 192-197	3.4	0

235	Improved conversion efficiency of Lignin-to-Fuel conversion by limiting catalyst deactivation. <i>Chemical Engineering Journal</i> , 2021 , 410, 128270	14.7	10
234	Bioinspired Phosphatase-like Mimic Built from the Self-Assembly of De Novo Designed Helical Short Peptides. <i>ACS Catalysis</i> , 2021 , 11, 5839-5849	13.1	6
233	Self-Templated, Enantioselective Assembly of an Amyloid-like Dipeptide into Multifunctional Hierarchical Helical Arrays. <i>ACS Nano</i> , 2021 , 15, 9827-9840	16.7	3
232	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> , 2021 , 616, 126322	5.1	6
231	Synergistic effect of polystyrene nanoplastics and contaminants on the promotion of insulin fibrillation. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 214, 112115	7	1
230	Self-Assembly of Ferrocenyl Phenylalanine into Nanohelical Arrays via Kinetic Control.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 4744-4752	4.1	1
229	Alizarin and Purpurin from L. Suppress Insulin Fibrillation and Reduce the Amyloid-Induced Cytotoxicity. <i>ACS Chemical Neuroscience</i> , 2021 , 12, 2182-2193	5.7	4
228	Self-Assembly of Peptide Hierarchical Helical Arrays with Sequence-Encoded Circularly Polarized Luminescence. <i>Nano Letters</i> , 2021 , 21, 6406-6415	11.5	8
227	Short-Sequence Superadhesive Peptides with Topologically Enhanced Cation-Interactions. <i>Chemistry of Materials</i> , 2021 , 33, 5168-5176	9.6	4
226	Microfluidic Synthesis of Lignin/Chitosan Nanoparticles for the pH-Responsive Delivery of Anticancer Drugs. <i>Langmuir</i> , 2021 , 37, 7219-7226	4	6
225	Effect of Hydrophobicity and Charge Separation on the Antifouling Properties of Surface-Tethered Zwitterionic Peptides. <i>Langmuir</i> , 2021 , 37, 8455-8462	4	5
224	Ferrocene-Modified Metal-Organic Frameworks as a Peroxidase-Mimicking Catalyst. <i>Catalysis Letters</i> , 2021 , 151, 478-486	2.8	9
223	Biomimetic copper-cystine nanoleaves capable of laccase-like catalysis for the colorimetric detection of epinephrine. <i>Frontiers of Chemical Science and Engineering</i> , 2021 , 15, 310-318	4.5	14
222	Control of peptide hydrogel formation and stability via heating treatment. <i>Journal of Colloid and Interface Science</i> , 2021 , 583, 234-242	9.3	2
221	Synergy between endo/exo-glucanases and expansin enhances enzyme adsorption and cellulose conversion. <i>Carbohydrate Polymers</i> , 2021 , 253, 117287	10.3	9
220	Preparation of laccase mimicking nanozymes and their catalytic oxidation of phenolic pollutants. <i>Catalysis Science and Technology</i> , 2021 , 11, 3402-3410	5.5	12
219	Colorful Pigments for Hair Dyeing Based on Enzymatic Oxidation of Tyrosine Derivatives. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 34851-34864	9.5	1
218	Enhanced enzymatic hydrolysis of cellulose by endoglucanase via expansin pretreatment and the addition of zinc ions. <i>Bioresource Technology</i> , 2021 , 333, 125139	11	2

217	Lubricin-Inspired Loop Zwitterionic Peptide for Fabrication of Superior Antifouling Surfaces. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 41978-41986	9.5	3
216	Divalent cations accelerate aggregation of Black phosphorus nanodots. <i>Journal of Molecular Liquids</i> , 2021 , 341, 117331	6	
215	Advances in nanocellulose-based materials as adsorbents of heavy metals and dyes. <i>Carbohydrate Polymers</i> , 2021 , 272, 118471	10.3	20
214	Rational design of 17 β -hydroxysteroid dehydrogenase type3 for improving testosterone production with an engineered <i>Pichia pastoris</i> . <i>Bioresource Technology</i> , 2021 , 341, 125833	11	2
213	Bifunctional utilization of whey powder as a substrate and inducer for β -farnesene production in an engineered <i>Escherichia coli</i> . <i>Bioresource Technology</i> , 2021 , 341, 125739	11	1
212	Highly selective reductive catalytic fractionation at atmospheric pressure without hydrogen. <i>Green Chemistry</i> , 2021 , 23, 1648-1657	10	13
211	Mineralization and Self-assembly of Gold Nanoparticles using Sulfur Amino Acid Modified Hierarchically Porous Metal-Organic Frameworks. <i>ChemistrySelect</i> , 2021 , 6, 712-716	1.8	2
210	AuNP array coated substrate for sensitive and homogeneous SERS-immunoassay detection of human immunoglobulin G.. <i>RSC Advances</i> , 2021 , 11, 22744-22750	3.7	5
209	Tannic acid enhances the removal of chloroform from water using NaOH-activated persulfate. <i>Environmental Chemistry Letters</i> , 2020 , 18, 1441-1446	13.3	5
208	Synthesis of superhydrophobic and high stable Zr-MOFs for oil-water separation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 602, 125102	5.1	31
207	Fabrication of nanohybrids assisted by protein-based materials for catalytic applications. <i>Catalysis Science and Technology</i> , 2020 , 10, 3515-3531	5.5	5
206	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> , 2020 , 577, 388-396	9.3	9
205	A tumor-sensitive biological metal-organic complex for drug delivery and cancer therapy. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 7189-7196	7.3	10
204	Self-assembly of multifunctional hydrogels with polyoxometalates helical arrays using nematic peptide liquid crystal template. <i>Journal of Colloid and Interface Science</i> , 2020 , 578, 218-228	9.3	4
203	In situ growth of AuAg bimetallic nanorings on optical fibers for enhanced plasmonic sensing. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 7552-7560	7.1	5
202	Bioinspired Fluorescent Peptidyl Nanoparticles with Rainbow Colors. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 31830-31841	9.5	7
201	Ferrocene-modified peptides as inhibitors against insulin amyloid aggregation based on molecular simulation. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 3076-3086	7.3	8
200	Construction of a Mercapto-Functionalized Zr-MOF/Melamine Sponge Composite for the Efficient Removal of Oils and Heavy Metal Ions from Water. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 13220-13227	3.9	12

199	Construction of luffa sponge-based magnetic carbon nanocarriers for laccase immobilization and its application in the removal of bisphenol A. <i>Bioresource Technology</i> , 2020 , 305, 123085	11	13
198	Effect of Sugars on the Real-Time Adsorption of Expansin on Cellulose. <i>Biomacromolecules</i> , 2020 , 21, 1776-1784	6.9	3
197	Structure-tunable assembly of lignin sub-micro spheres by modifying the amphiphilic interfaces of lignin via n-alkane. <i>European Polymer Journal</i> , 2020 , 126, 109539	5.2	6
196	Zwitterionic Peptide Enhances Protein-Resistant Performance of Hyaluronic Acid-Modified Surfaces. <i>Langmuir</i> , 2020 , 36, 1923-1929	4	11
195	Enzyme-free visualization of nucleic acids during HIV infection by octopus-like DNA. <i>International Journal of Biological Macromolecules</i> , 2020 , 150, 122-128	7.9	1
194	Development of an integrated process for the production of high-purity cadaverine from lysine decarboxylase. <i>Journal of Chemical Technology and Biotechnology</i> , 2020 , 95, 1542-1549	3.5	7
193	Polydopamine-Assisted Surface Coating of MIL-53 and Dodecanethiol on a Melamine Sponge for Oil-Water Separation. <i>Langmuir</i> , 2020 , 36, 1212-1220	4	27
192	High-efficiency and low-cost production of cadaverine from a permeabilized-cell bioconversion by a Lysine-induced engineered Escherichia coli. <i>Bioresource Technology</i> , 2020 , 302, 122844	11	22
191	An effective in-situ method for laccase immobilization: Excellent activity, effective antibiotic removal rate and low potential ecological risk for degradation products. <i>Bioresource Technology</i> , 2020 , 308, 123271	11	19
190	Structures and Antifouling Properties of Self-Assembled Zwitterionic Peptide Monolayers: Effects of Peptide Charge Distributions and Divalent Cations. <i>Biomacromolecules</i> , 2020 , 21, 2087-2095	6.9	13
189	Real-Time QCM-D Monitoring of the Adsorption-Desorption of Expansin on Lignin. <i>Langmuir</i> , 2020 , 36, 4503-4510	4	4
188	Nontoxic Black Phosphorus Quantum Dots Inhibit Insulin Amyloid Fibrillation at an Ultralow Concentration. <i>IScience</i> , 2020 , 23, 101044	6.1	10
187	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> , 2020 , 8, 1944-1951	7.3	7
186	Bioinspired pH-Sensitive Fluorescent Peptidyl Nanoparticles for Cell Imaging. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 4212-4220	9.5	11
185	Sandwich-Like Sensor for the Highly Specific and Reproducible Detection of Rhodamine 6G on a Surface-Enhanced Raman Scattering Platform. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 4699-4706	9.5	18
184	Interaction of particles with mucosae and cell membranes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020 , 186, 110657	6	5
183	Green fluorescent protein inspired fluorophores. <i>Advances in Colloid and Interface Science</i> , 2020 , 285, 102286	14.3	13
182	Self-Assembly of Ferrocene-Phenylalanine@Graphene Oxide Hybrid Hydrogels for Dopamine Detection. <i>ChemPlusChem</i> , 2020 , 85, 2341-2348	2.8	3

181	Thermally Induced Structural Transition of Peptide Nanofibers into Nanoparticles with Enhanced Fluorescence Properties. <i>ChemPlusChem</i> , 2020 , 85, 1523-1528	2.8	3
180	Molecularly imprinted peptide-based enzyme mimics with enhanced activity and specificity. <i>Soft Matter</i> , 2020 , 16, 7033-7039	3.6	9
179	Investigation of fermentation conditions of biodiesel by-products for high production of β -farnesene by an engineered <i>Escherichia coli</i> . <i>Environmental Science and Pollution Research</i> , 2020 , 27, 22758-22769	5.1	4
178	Self-Assembled Bio-Organometallic Nanocatalysts for Highly Enantioselective Direct Aldol Reactions. <i>Langmuir</i> , 2020 , 36, 13735-13742	4	0
177	Self-Assembly of Peptide Chiral Nanostructures with Sequence-Encoded Enantioselective Separation Capability. <i>Langmuir</i> , 2020 , 36, 10361-10370	4	3
176	Polydopamine-Assisted Fabrication of Stable Silver Nanoparticles on Optical Fiber for Enhanced Plasmonic Sensing. <i>Photonic Sensors</i> , 2020 , 10, 97-104	2.3	3
175	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> , 2020 , 382, 123016	14.7	65
174	Migration of phthalates from polyvinyl chloride film to fatty food simulants: experimental studies and model application. <i>Journal Fur Verbraucherschutz Und Lebensmittelsicherheit</i> , 2020 , 15, 135-143	2.3	5
173	Self-Assembly of Ferrocene Peptides: A Nonheme Strategy to Construct a Peroxidase Mimic. <i>Advanced Materials Interfaces</i> , 2019 , 6, 1901082	4.6	4
172	Synergy between Zwitterionic Polymers and Hyaluronic Acid Enhances Antifouling Performance. <i>Langmuir</i> , 2019 , 35, 15535-15542	4	19
171	Three-Dimensionally Printed Bioinspired Superhydrophobic Packings for Oil-in-Water Emulsion Separation. <i>Langmuir</i> , 2019 , 35, 12799-12806	4	13
170	Promising Techniques for Depolymerization of Lignin into Value-added Chemicals. <i>ChemCatChem</i> , 2019 , 11, 638-638	5.2	
169	Highly efficient and selective production of FFCA from CotA-TJ102 laccase-catalyzed oxidation of 5-HMF. <i>International Journal of Biological Macromolecules</i> , 2019 , 128, 132-139	7.9	29
168	Fluorescent silicon nanoparticles inhibit the amyloid fibrillation of insulin. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 1397-1403	7.3	12
167	Interactions of Transition Metal Dichalcogenide Nanosheets With Mucin: Quartz Crystal Microbalance With Dissipation, Surface Plasmon Resonance, and Spectroscopic Probing. <i>Frontiers in Chemistry</i> , 2019 , 7, 166	5	
166	Polyamine-induced, chiral expression from liquid crystalline peptide nanofilaments to long-range ordered nanohelices. <i>Soft Matter</i> , 2019 , 15, 4818-4826	3.6	4
165	Construction of a bioinspired laccase-mimicking nanozyme for the degradation and detection of phenolic pollutants. <i>Applied Catalysis B: Environmental</i> , 2019 , 254, 452-462	21.8	82
164	Constructing peptide-based artificial hydrolases with customized selectivity. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 3804-3810	7.3	10

163	One-pot synthesis of mercapto functionalized Zr-MOFs for the enhanced removal of Hg ions from water. <i>Chemical Communications</i> , 2019 , 55, 6775-6778	5.8	19
162	Facile Fabrication of Oxidized Lignin-Based Porous Carbon Spheres for Efficient Removal of Pb ²⁺ . <i>ChemistrySelect</i> , 2019 , 4, 5251-5257	1.8	3
161	Frontispiz: Biomimetic Bottlebrush Polymer Coatings for Fabrication of Ultralow Fouling Surfaces. <i>Angewandte Chemie</i> , 2019 , 131,	3.6	2
160	Interactions between Lubricin and Hyaluronic Acid Synergistically Enhance Antiadhesive Properties. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 18090-18102	9.5	17
159	In situ fabrication of multifunctional gold-amino acid superstructures based on self-assembly. <i>Chemical Communications</i> , 2019 , 55, 3967-3970	5.8	6
158	Continuous rapid dechlorination of p-chlorophenol by Fe-Pd nanoparticles promoted by procyanidin. <i>Chemical Engineering Science</i> , 2019 , 201, 121-131	4.4	10
157	Disulfide crosslinking and helical coiling of peptide micelles facilitate the formation of a printable hydrogel. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 2981-2988	7.3	8
156	Amphiphilic hydrogels for biomedical applications. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 2899-2910	7.3	32
155	Construction of Supramolecular Nanostructures with High Catalytic Activity by Photoinduced Hierarchical Co-Assembly. <i>Chemistry - A European Journal</i> , 2019 , 25, 7896-7902	4.8	3
154	Photo- and Aromatic Stacking-Induced Green Emissive Peptidyl Nanoparticles for Cell Imaging and Monitoring of Nucleic Acid Delivery. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 15401-15410	9.5	8
153	Real-Time QCM-D Monitoring of Deposition of Gold Nanorods on a Supported Lipid Bilayer as a Model Cell Membrane. <i>ACS Omega</i> , 2019 , 4, 6059-6067	3.9	4
152	High-Efficiency Preparation of 2,5-Diformylfuran with a Keto-ABNO Catalyst Under Mild Conditions. <i>Transactions of Tianjin University</i> , 2019 , 25, 118-123	2.9	1
151	Solid-Phase Enzymatic Peptide Synthesis to Produce an Antioxidant Dipeptide. <i>Transactions of Tianjin University</i> , 2019 , 25, 276-282	2.9	1
150	Recycling Strategy and Repression Elimination for Lignocellulosic-Based Farnesene Production with an Engineered. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 9858-9867	5.7	6
149	Sequential sandwich immunoassay for simultaneous detection in trace samples using single-channel surface plasmon resonance. <i>Analyst, The</i> , 2019 , 144, 5700-5705	5	5
148	Protamine-induced condensation of peptide nanofilaments into twisted bundles with controlled helical geometry. <i>Journal of Peptide Science</i> , 2019 , 25, e3176	2.1	1
147	Tandem Biocatalysis by CotA-TJ102@UIO-66-NH ₂ and Novozym 435 for Highly Selective Transformation of HMF into FDCA. <i>Transactions of Tianjin University</i> , 2019 , 25, 488-496	2.9	8
146	Highly efficient production of FAMES and Farnesene from a two-stage biotransformation of waste cooking oils. <i>Energy Conversion and Management</i> , 2019 , 199, 112001	10.6	10

145	Promising Techniques for Depolymerization of Lignin into Value-added Chemicals. <i>ChemCatChem</i> , 2019 , 11, 639-654	5.2	41
144	Biomimetic Bottlebrush Polymer Coatings for Fabrication of Ultralow Fouling Surfaces. <i>Angewandte Chemie</i> , 2019 , 131, 1322-1328	3.6	13
143	Biomimetic Bottlebrush Polymer Coatings for Fabrication of Ultralow Fouling Surfaces. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 1308-1314	16.4	47
142	Synthesis of 2,5-diformylfuran from 5-hydroxymethylfurfural in ethyl acetate using 4-acetamido-TEMPO as a recyclable catalyst. <i>Catalysis Today</i> , 2019 , 319, 121-127	5.3	12
141	Integrating chromium-based ceramic and acid catalysis to convert glucose into 5-hydroxymethylfurfural. <i>Renewable Energy</i> , 2018 , 125, 327-333	8.1	13
140	Enhanced enzymatic hydrolysis of corncob by ultrasound-assisted soaking in aqueous ammonia pretreatment. <i>3 Biotech</i> , 2018 , 8, 166	2.8	14
139	Constructing Redox-Responsive Metal-Organic Framework Nanocarriers for Anticancer Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 16698-16706	9.5	100
138	A Low-Cost and Easily Prepared Manganese Carbonate as an Efficient Catalyst for Aerobic Oxidation of 5-Hydroxymethylfurfural to 2,5-Diformylfuran. <i>Transactions of Tianjin University</i> , 2018 , 24, 301-307	2.9	4
137	Molecularly Imprinted Core-Shell CdSe@SiO/CDs as a Ratiometric Fluorescent Probe for 4-Nitrophenol Sensing. <i>Nanoscale Research Letters</i> , 2018 , 13, 27	5	24
136	A light-responsive multienzyme complex combining cascade enzymes within a peptide-based matrix.. <i>RSC Advances</i> , 2018 , 8, 6047-6052	3.7	5
135	A supramolecular approach to construct a hydrolase mimic with photo-switchable catalytic activity. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 2444-2449	7.3	26
134	A simply enzymatic hydrolysis pretreatment for β mannanase production from konjac powder. <i>Bioresource Technology</i> , 2018 , 249, 1052-1057	11	5
133	Three-dimensionally printed bioinspired superhydrophobic PLA membrane for oil-water separation. <i>AIChE Journal</i> , 2018 , 64, 3700-3708	3.6	38
132	Peptide Biomaterials: Photo-Induced Polymerization and Reconfigurable Assembly of Multifunctional Ferrocene-Tyrosine (Small 25/2018). <i>Small</i> , 2018 , 14, 1870118	11	1
131	Rational design of a thermophilic β mannanase from <i>Bacillus subtilis</i> TJ-102 to improve its thermostability. <i>Enzyme and Microbial Technology</i> , 2018 , 118, 50-56	3.8	12
130	Tannic acid-assisted fabrication of Fe-Pd nanoparticles for stable rapid dechlorination of two organochlorides. <i>Chemical Engineering Journal</i> , 2018 , 352, 716-721	14.7	14
129	Gold Nanoparticle-Aptamer-Based LSPR Sensing of Ochratoxin A at a Widened Detection Range by Double Calibration Curve Method. <i>Frontiers in Chemistry</i> , 2018 , 6, 94	5	22
128	Design of Silica Nanostructures with Tunable Architectures Templated by Ferrocene Peptides. <i>ChemistrySelect</i> , 2018 , 3, 4939-4943	1.8	4

127	Rationally Designed Peptidyl Virus-Like Particles Enable Targeted Delivery of Genetic Cargo. <i>Angewandte Chemie</i> , 2018 , 130, 14228-14232	3.6	2
126	Self-Assembled Microporous Peptide-Polysaccharide Aerogels for Oil-Water Separation. <i>Langmuir</i> , 2018 , 34, 10732-10738	4	18
125	Poly (L-Glutamic Acid) Promotes Enhanced Dechlorination of p-Chlorophenol by Fe-Pd Nanoparticles. <i>Nanoscale Research Letters</i> , 2018 , 13, 219	5	6
124	Rational Design of Mimic Multienzyme Systems in Hierarchically Porous Biomimetic Metal-Organic Frameworks. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 33407-33415	9.5	62
123	Rationally Designed Peptidyl Virus-Like Particles Enable Targeted Delivery of Genetic Cargo. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 14032-14036	16.4	25
122	Aromatic Motifs Dictate Nanohelix Handedness of Tripeptides. <i>ACS Nano</i> , 2018 , 12, 12305-12314	16.7	30
121	Real-time adsorption and action of expansin on cellulose. <i>Biotechnology for Biofuels</i> , 2018 , 11, 317	7.8	11
120	Peptide-Templated Synthesis of TiO Nanofibers with Tunable Photocatalytic Activity. <i>Chemistry - A European Journal</i> , 2018 , 24, 18123-18129	4.8	7
119	Interactions of Fly Ash Particles with Mucin and Serum Albumin. <i>Langmuir</i> , 2018 , 34, 12251-12258	4	7
118	Columnar Liquid Crystals Self-Assembled by Minimalistic Peptides for Chiral Sensing and Synthesis of Ordered Mesoporous Silica. <i>Chemistry of Materials</i> , 2018 , 30, 7902-7911	9.6	28
117	Real-Time Adsorption of Exo- and Endoglucanases on Cellulose: Effect of pH, Temperature, and Inhibitors. <i>Langmuir</i> , 2018 , 34, 13514-13522	4	9
116	Exploration of Intrinsic Lipase-Like Activity of Zirconium-Based Metal-Organic Frameworks. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 4579-4585	2.3	13
115	Kinetically Controlled Carboxypeptidase-Catalyzed Synthesis of Novel Antioxidant Dipeptide Precursor BOC-Tyr-Ala. <i>Transactions of Tianjin University</i> , 2018 , 24, 513-521	2.9	2
114	Photo-Induced Polymerization and Reconfigurable Assembly of Multifunctional Ferrocene-Tyrosine. <i>Small</i> , 2018 , 14, e1800772	11	13
113	Bioinspired Peptide-Coated Superhydrophilic Poly(vinylidene fluoride) Membrane for Oil/Water Emulsion Separation. <i>Langmuir</i> , 2018 , 34, 6621-6627	4	34
112	Adsorption-Desorption Behavior of Black Phosphorus Quantum Dots on Mucin Surface. <i>Langmuir</i> , 2018 , 34, 8508-8515	4	10
111	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> , 2017 , 7, 7560-7566	3.7	22
110	Development of a novel integrated process for co-production of galactosidase and ethanol using lactose as substrate. <i>Bioresource Technology</i> , 2017 , 230, 15-23	11	15

109	Design of elution strategy for simultaneous detection of chloramphenicol and gentamicin in complex samples using surface plasmon resonance. <i>Biosensors and Bioelectronics</i> , 2017 , 92, 266-272	11.8	22
108	Co-assembly of Fmoc-tripeptide and gold nanoparticles as a facile approach to immobilize nanocatalysts. <i>RSC Advances</i> , 2017 , 7, 15736-15741	3.7	7
107	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> , 2017 , 13, 1700102	11	2
106	Selective Synthesis of 2,5-Diformylfuran and 2,5-Furandicarboxylic Acid from 5-Hydroxymethylfurfural and Fructose Catalyzed by Magnetically Separable Catalysts. <i>Energy & Fuels</i> , 2017 , 31, 533-541	4.1	53
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- 1 High chloroform removal using tannic acid to promote the activation of persulfate with Fe/Ni nanoparticles. *Environmental Chemistry Letters*, 1

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