

# Zhimin He

## List of Publications by Year in descending order

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209  
papers

5,814  
citations

66315

42  
h-index

114418

63  
g-index

214  
all docs

214  
docs citations

214  
times ranked

7458  
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-assembling peptideâ€“polysaccharide hybrid hydrogel as a potential carrier for drug delivery. <i>Soft Matter</i> , 2011, 7, 6222.	1.2	170
2	Rational Design of Chiral Nanostructures from Self-Assembly of a Ferrocene-Modified Dipeptide. <i>Journal of the American Chemical Society</i> , 2015, 137, 7869-7880.	6.6	170
3	Constructing Redox-Responsive Metalâ€“Organic Framework Nanocarriers for Anticancer Drug Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 16698-16706.	4.0	147
4	A polydopamine-modified optical fiber SPR biosensor using electroless-plated gold films for immunoassays. <i>Biosensors and Bioelectronics</i> , 2015, 74, 454-460.	5.3	133
5	Affinity of rosmarinic acid to human serum albumin and its effect on protein conformation stability. <i>Food Chemistry</i> , 2016, 192, 178-187.	4.2	123
6	Bioconversion of Lignocellulose into Bioethanol: Process Intensification and Mechanism Research. <i>Bioenergy Research</i> , 2011, 4, 225-245.	2.2	117
7	A facile strategy for enzyme immobilization with highly stable hierarchically porous metalâ€“organic frameworks. <i>Nanoscale</i> , 2017, 9, 17561-17570.	2.8	117
8	Biomimetic surface coatings for marine antifouling: Natural antifoulants, synthetic polymers and surface microtopography. <i>Science of the Total Environment</i> , 2021, 766, 144469.	3.9	114
9	A carbon dot-based â€œoffâ€“onâ€“fluorescent probe for highly selective and sensitive detection of phytic acid. <i>Biosensors and Bioelectronics</i> , 2015, 70, 232-238.	5.3	107
10	Superior Antifouling Performance of a Zwitterionic Peptide Compared to an Amphiphilic, Non-Ionic Peptide. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 22448-22457.	4.0	101
11	Synthesis of well-dispersed Ag nanoparticles on eggshell membrane for catalytic reduction of 4-nitrophenol. <i>Journal of Materials Science</i> , 2014, 49, 1639-1647.	1.7	100
12	Design and mechanisms of antifouling materials for surface plasmon resonance sensors. <i>Acta Biomaterialia</i> , 2016, 40, 100-118.	4.1	98
13	Solvent and surface controlled self-assembly of diphenylalanine peptide: from microtubes to nanofibers. <i>Soft Matter</i> , 2011, 7, 6418.	1.2	90
14	Biomimetic Bottlebrush Polymer Coatings for Fabrication of Ultralow Fouling Surfaces. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1308-1314.	7.2	81
15	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> , 2017, 31, 533-541.	2.5	80
16	High-performance ultrafiltration membranes based on polyethersulfoneâ€“graphene oxide composites. <i>RSC Advances</i> , 2013, 3, 21394.	1.7	79
17	Optimization and Application of Reflective LSPR Optical Fiber Biosensors Based on Silver Nanoparticles. <i>Sensors</i> , 2015, 15, 12205-12217.	2.1	77
18	Enhancing the Activity of Peptide-Based Artificial Hydrolase with Catalytic Ser/His/Asp Triad and Molecular Imprinting. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 14133-14141.	4.0	76

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19	Advances in nanocellulose-based materials as adsorbents of heavy metals and dyes. <i>Carbohydrate Polymers</i> , 2021, 272, 118471.	5.1	76
20	Synthesis of silver nanoparticles within cross-linked lysozyme crystals as recyclable catalysts for 4-nitrophenol reduction. <i>Catalysis Science and Technology</i> , 2013, 3, 1910.	2.1	71
21	Interfacial Polymerization of Dopamine in a Pickering Emulsion: Synthesis of Cross-Linkable Colloidosomes and Enzyme Immobilization at Oil/Water Interfaces. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 14954-14964.	4.0	69
22	Conjugation of Hyaluronic Acid onto Surfaces via the Interfacial Polymerization of Dopamine to Prevent Protein Adsorption. <i>Langmuir</i> , 2015, 31, 12061-12070.	1.6	66
23	Promising Techniques for Depolymerization of Lignin into Value-added Chemicals. <i>ChemCatChem</i> , 2019, 11, 639-654.	1.8	65
24	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.	4.8	65
25	Temperature-induced reversible self-assembly of diphenylalanine peptide and the structural transition from organogel to crystalline nanowires. <i>Nanoscale Research Letters</i> , 2014, 9, 653.	3.1	62
26	Preparation of Î <sup>2</sup> -mannanase CLEAs using macromolecular cross-linkers. <i>Catalysis Science and Technology</i> , 2013, 3, 1937.	2.1	59
27	A supramolecular approach to construct a hydrolase mimic with photo-switchable catalytic activity. <i>Journal of Materials Chemistry B</i> , 2018, 6, 2444-2449.	2.9	58
28	Three-dimensionally printed bioinspired superhydrophobic PLA membrane for oil-water separation. <i>AIChE Journal</i> , 2018, 64, 3700-3708.	1.8	57
29	Utilization of biodiesel by-product as substrate for high-production of Î <sup>2</sup> -farnesene via relatively balanced mevalonate pathway in <i>Escherichia coli</i> . <i>Bioresource Technology</i> , 2017, 243, 228-236.	4.8	54
30	Amphiphilic hydrogels for biomedical applications. <i>Journal of Materials Chemistry B</i> , 2019, 7, 2899-2910.	2.9	54
31	Polydopamine-Assisted Surface Coating of MIL-53 and Dodecanethiol on a Melamine Sponge for Oil-water Separation. <i>Langmuir</i> , 2020, 36, 1212-1220.	1.6	54
32	Preparation of laccase mimicking nanozymes and their catalytic oxidation of phenolic pollutants. <i>Catalysis Science and Technology</i> , 2021, 11, 3402-3410.	2.1	54
33	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.	6.5	54
34	Aromatic Motifs Dictate Nanohelix Handedness of Tripeptides. <i>ACS Nano</i> , 2018, 12, 12305-12314.	7.3	53
35	3D Flower-like Micro/Nano Ce-Mo Composite Oxides as Effective Bifunctional Catalysts for One-Pot Conversion of Fructose to 2,5-Diformylfuran. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 4179-4187.	3.2	52
36	Highly Efficient Catalysis of Azo Dyes Using Recyclable Silver Nanoparticles Immobilized on Tannic Acid-Grafted Eggshell Membrane. <i>Nanoscale Research Letters</i> , 2016, 11, 440.	3.1	50

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37	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.	3.6	50
38	CoMFA and CoMSIA analysis of ACE-inhibitory, antimicrobial and bitter-tasting peptides. <i>European Journal of Medicinal Chemistry</i> , 2014, 84, 100-106.	2.6	49
39	Effect of Formic Acid on Conversion of Fructose to 5-Hydroxymethylfurfural in Aqueous/Butanol Media. <i>Bioenergy Research</i> , 2012, 5, 380-386.	2.2	46
40	Kinetically controlled self-assembly of redox-active ferrocene-diphenylalanine: from nanospheres to nanofibers. <i>Nanotechnology</i> , 2013, 24, 465603.	1.3	46
41	Purification and characterization of $\beta$ -mannanase from <i>Bacillus licheniformis</i> for industrial use. <i>Biotechnology Letters</i> , 2000, 22, 1375-1378.	1.1	42
42	Oriented Enzyme Immobilization at the Oil/Water Interface Enhances Catalytic Activity and Recyclability in a Pickering Emulsion. <i>Langmuir</i> , 2017, 33, 12317-12325.	1.6	42
43	Controlled adsorption of cellulase onto pretreated corncob by pH adjustment. <i>Cellulose</i> , 2012, 19, 371-380.	2.4	41
44	A casein-polysaccharide hybrid hydrogel cross-linked by transglutaminase for drug delivery. <i>Journal of Materials Science</i> , 2012, 47, 2045-2055.	1.7	41
45	Rationally Designed Peptidyl Virus-Like Particles Enable Targeted Delivery of Genetic Cargo. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14032-14036.	7.2	41
46	Self-Assembly of Peptide Hierarchical Helical Arrays with Sequence-Encoded Circularly Polarized Luminescence. <i>Nano Letters</i> , 2021, 21, 6406-6415.	4.5	41
47	Reconfigurable Chiral Self-Assembly of Peptides through Control of Terminal Charges. <i>Small</i> , 2017, 13, 1700999.	5.2	37
48	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.	3.2	37
49	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.	2.3	37
50	Highly selective reductive catalytic fractionation at atmospheric pressure without hydrogen. <i>Green Chemistry</i> , 2021, 23, 1648-1657.	4.6	37
51	Laccase-catalyzed soy protein and gallic acid complexation: Effects on conformational structures and antioxidant activity. <i>Food Chemistry</i> , 2022, 375, 131865.	4.2	37
52	Glucomannan-mediated facile synthesis of gold nanoparticles for catalytic reduction of 4-nitrophenol. <i>Nanoscale Research Letters</i> , 2014, 9, 404.	3.1	36
53	Calcium-Ion-Triggered Co-assembly of Peptide and Polysaccharide into a Hybrid Hydrogel for Drug Delivery. <i>Nanoscale Research Letters</i> , 2016, 11, 184.	3.1	35
54	Molecularly Imprinted Core-Shell CdSe@SiO <sub>2</sub> /CDs as a Ratiometric Fluorescent Probe for 4-Nitrophenol Sensing. <i>Nanoscale Research Letters</i> , 2018, 13, 27.	3.1	35

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55	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.	4.8	35
56	Synergy between Zwitterionic Polymers and Hyaluronic Acid Enhances Antifouling Performance. <i>Langmuir</i> , 2019, 35, 15535-15542.	1.6	34
57	Sandwich-Like Sensor for the Highly Specific and Reproducible Detection of Rhodamine 6G on a Surface-Enhanced Raman Scattering Platform. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 4699-4706.	4.0	34
58	Controllable synthesis of a sponge-like Z-scheme N,S-CQDs/Bi <sub>2</sub> MoO <sub>6</sub> @TiO <sub>2</sub> film with enhanced photocatalytic and antimicrobial activity under visible/NIR light irradiation. <i>Journal of Hazardous Materials</i> , 2022, 429, 128310.	6.5	34
59	Bioinspired fabrication of optical fiber SPR sensors for immunoassays using polydopamine-accelerated electroless plating. <i>Journal of Materials Chemistry C</i> , 2016, 4, 7554-7562.	2.7	33
60	Green fluorescent protein inspired fluorophores. <i>Advances in Colloid and Interface Science</i> , 2020, 285, 102286.	7.0	33
61	Microfluidic Synthesis of Lignin/Chitosan Nanoparticles for the pH-Responsive Delivery of Anticancer Drugs. <i>Langmuir</i> , 2021, 37, 7219-7226.	1.6	33
62	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.	1.8	32
63	Bioinspired Phosphatase-like Mimic Built from the Self-Assembly of De Novo Designed Helical Short Peptides. <i>ACS Catalysis</i> , 2021, 11, 5839-5849.	5.5	32
64	Green Synthesis of a Gold Nanoparticleâ€“Nanocluster Composite Nanostructures Using Trypsin as Linking and Reducing Agents. <i>ACS Sustainable Chemistry and Engineering</i> , 2013, 1, 1398-1404.	3.2	31
65	Capillary Forceâ€“Driven, Hierarchical Coâ€“Assembly of Dandelionâ€“Like Peptide Microstructures. <i>Small</i> , 2015, 11, 2893-2902.	5.2	31
66	Cascade catalysis via dehydration and oxidation: one-pot synthesis of 2,5-diformylfuran from fructose using acid and V <sub>2</sub> O <sub>5</sub> /ceramic catalysts. <i>RSC Advances</i> , 2017, 7, 7560-7566.	1.7	31
67	Enzymatic hydrolysis of protein: Mechanism and kinetic model. <i>Frontiers of Chemistry in China: Selected Publications From Chinese Universities</i> , 2006, 1, 308-314.	0.4	30
68	Tunable Design of Structural Colors Produced by Pseudoâ€“1D Photonic Crystals of Graphene Oxide. <i>Small</i> , 2016, 12, 3433-3443.	5.2	30
69	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.	5.3	30
70	High-efficiency and low-cost production of cadaverine from a permeabilized-cell bioconversion by a Lysine-induced engineered <i>Escherichia coli</i> . <i>Bioresource Technology</i> , 2020, 302, 122844.	4.8	29
71	Prediction of the secondary structure content of globular proteins based on structural classes. <i>The Protein Journal</i> , 1996, 15, 775-786.	1.1	28
72	Title is missing!. <i>Biotechnology Letters</i> , 1999, 13, 781-786.	0.5	26

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73	Prediction of the secondary structure contents of globular proteins based on three structural classes. <i>The Protein Journal</i> , 1998, 17, 261-272.	1.1	25
74	Elucidating the Influence of Gold Nanoparticles on the Binding of Salvianolic Acid B and Rosmarinic Acid to Bovine Serum Albumin. <i>PLoS ONE</i> , 2015, 10, e0118274.	1.1	25
75	Biomimetic Bottlebrush Polymer Coatings for Fabrication of Ultralow Fouling Surfaces. <i>Angewandte Chemie</i> , 2019, 131, 1322-1328.	1.6	25
76	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> , 2020, 59, 13220-13227.	1.8	25
77	Purification, characterization, and production of $\beta$ -mannanase from <i>Bacillus subtilis</i> TJ-102 and its application in gluco-mannooligosaccharides preparation. <i>European Food Research and Technology</i> , 2013, 237, 399-408.	1.6	24
78	Bioorganometallic ferrocene-tripeptide nanoemulsions. <i>Nanoscale</i> , 2017, 9, 15323-15331.	2.8	24
79	Green synthesis of gold nanoparticles using aspartame and their catalytic activity for p-nitrophenol reduction. <i>Nanoscale Research Letters</i> , 2015, 10, 213.	3.1	23
80	Self-Assembled Microporous Peptide-Polysaccharide Aerogels for Oil/Water Separation. <i>Langmuir</i> , 2018, 34, 10732-10738.	1.6	23
81	Molecularly imprinted peptide-based enzyme mimics with enhanced activity and specificity. <i>Soft Matter</i> , 2020, 16, 7033-7039.	1.2	23
82	Enzymatic saccharification of pretreated corn stover in a fed-batch membrane bioreactor. <i>Bioenergy Research</i> , 2011, 4, 134-140.	2.2	22
83	Enzymatic hydrolysis of lignocellulose: SEC-MALLS analysis and reaction mechanism. <i>RSC Advances</i> , 2013, 3, 1871-1877.	1.7	22
84	A kinetic correlation for konjac powder hydrolysis by $\beta$ -mannanase from <i>Bacillus licheniformis</i> . <i>Biotechnology Letters</i> , 2001, 23, 389-393.	1.1	21
85	Sensitive and Efficient Electrochemical Determination of Kojic Acid in Foodstuffs Based on Graphene-Pt Nanocomposite-Modified Electrode. <i>Food Analytical Methods</i> , 2014, 7, 109-115.	1.3	21
86	Recyclable Strategy for the Production of High-Purity Galacto-oligosaccharides by <i>Kluyveromyces lactis</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 5679-5685.	2.4	21
87	Exploration of Intrinsic Lipase-Like Activity of Zirconium-Based Metal-Organic Frameworks. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 4579-4585.	1.0	20
88	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.	5.0	20
89	Synergistic effect of polystyrene nanoplastics and contaminants on the promotion of insulin fibrillation. <i>Ecotoxicology and Environmental Safety</i> , 2021, 214, 112115.	2.9	20
90	Study of the Interaction Between Coenzyme Q10 and Human Serum Albumin: Spectroscopic Approach. <i>Journal of Solution Chemistry</i> , 2014, 43, 585-607.	0.6	19

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91	Jet flow directed supramolecular self-assembly at aqueous liquid-liquid interface. RSC Advances, 2014, 4, 15340.	1.7	19
92	Utilization of whey powder as substrate for low-cost preparation of $\beta$ -galactosidase as main product, and ethanol as by-product, by a litre-scale integrated process. Bioresource Technology, 2017, 245, 1271-1276.	4.8	19
93	Bioinspired pH-Sensitive Fluorescent Peptidyl Nanoparticles for Cell Imaging. ACS Applied Materials & Interfaces, 2020, 12, 4212-4220.	4.0	19
94	Ethanol Production from High-Solid SSCF of Alkaline-Pretreated Corncob Using Recombinant Zymomonas mobilis CP4. Bioenergy Research, 2013, 6, 292-299.	2.2	18
95	Facile method to synthesize graphene-ZnS nanocomposites: preparation and application in bioelectrochemistry of hemoglobin. Journal of Solid State Electrochemistry, 2013, 17, 2595-2602.	1.2	18
96	Changes in the supramolecular structures of cellulose after hydrolysis studied by terahertz spectroscopy and other methods. RSC Advances, 2014, 4, 57945-57952.	1.7	18
97	Real-time adsorption and action of expansin on cellulose. Biotechnology for Biofuels, 2018, 11, 317.	6.2	18
98	Production enhancement of 5-hydroxymethyl furfural from fructose via mechanical stirring control and high-fructose solution addition. Journal of Chemical Technology and Biotechnology, 2014, 89, 56-64.	1.6	17
99	Peptide-Templated Synthesis of TiO <sub>2</sub> Nanofibers with Tunable Photocatalytic Activity. Chemistry - A European Journal, 2018, 24, 18123-18129.	1.7	17
100	Photo-Induced Polymerization and Reconfigurable Assembly of Multifunctional Ferrocene-Tyrosine. Small, 2018, 14, e1800772.	5.2	17
101	Disulfide crosslinking and helical coiling of peptide micelles facilitate the formation of a printable hydrogel. Journal of Materials Chemistry B, 2019, 7, 2981-2988.	2.9	17
102	Circularly Polarized Luminescent Chiral Photonic Films Based on the Coassembly of Cellulose Nanocrystals and Gold Nanoclusters. Langmuir, 2022, 38, 4147-4155.	1.6	17
103	Enhanced enzymatic hydrolysis of lignocellulose by integrated decrystallization and fed-batch operation. RSC Advances, 2014, 4, 44659-44665.	1.7	16
104	Magnetic-fluorescent nanocomposites as reusable fluorescence probes for sensitive detection of hydrogen peroxide and glucose. Analytical Methods, 2014, 6, 6352-6357.	1.3	16
105	Superior Catalytic Performance of Gold Nanoparticles Within Small Cross-Linked Lysozyme Crystals. Langmuir, 2016, 32, 10895-10904.	1.6	16
106	Enhanced enzymatic hydrolysis of corncob by ultrasound-assisted soaking in aqueous ammonia pretreatment. 3 Biotech, 2018, 8, 166.	1.1	16
107	Self-assembly of multifunctional hydrogels with polyoxometalates helical arrays using nematic peptide liquid crystal template. Journal of Colloid and Interface Science, 2020, 578, 218-228.	5.0	16
108	Zwitterionic Peptide Enhances Protein-Resistant Performance of Hyaluronic Acid-Modified Surfaces. Langmuir, 2020, 36, 1923-1929.	1.6	16

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109	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.	2.9	16
110	Scissor-based fluorescent detection of pepsin using lysozyme-stabilized Au nanoclusters. <i>Analytical Methods</i> , 2014, 6, 6789-6795.	1.3	15
111	Development of a novel integrated process for co-production of $\beta$ -galactosidase and ethanol using lactose as substrate. <i>Bioresource Technology</i> , 2017, 230, 15-23.	4.8	15
112	Effects of macromolecular crowding on alkaline phosphatase unfolding, conformation and stability. <i>International Journal of Biological Macromolecules</i> , 2017, 101, 373-382.	3.6	15
113	Constructing peptide-based artificial hydrolases with customized selectivity. <i>Journal of Materials Chemistry B</i> , 2019, 7, 3804-3810.	2.9	15
114	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> , 2019, 11, 15401-15410.	4.0	15
115	Investigation of fermentation conditions of biodiesel by-products for high production of $\beta$ -farnesene by an engineered <i>Escherichia coli</i> . <i>Environmental Science and Pollution Research</i> , 2020, 27, 22758-22769.	2.7	15
116	A tumor-sensitive biological metal-organic complex for drug delivery and cancer therapy. <i>Journal of Materials Chemistry B</i> , 2020, 8, 7189-7196.	2.9	15
117	Self-Templated, Enantioselective Assembly of an Amyloid-like Dipeptide into Multifunctional Hierarchical Helical Arrays. <i>ACS Nano</i> , 2021, 15, 9827-9840.	7.3	15
118	High chloroform removal using tannic acid to promote the activation of persulfate with Fe/Ni nanoparticles. <i>Environmental Chemistry Letters</i> , 2021, 19, 4015-4020.	8.3	15
119	Lubricin-Inspired Loop Zwitterionic Peptide for Fabrication of Superior Antifouling Surfaces. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 41978-41986.	4.0	15
120	One-pot production of phenazine from lignin-derived catechol. <i>Green Chemistry</i> , 2022, 24, 1224-1230.	4.6	15
121	Bioinspired Fluorescent Peptidyl Nanoparticles with Rainbow Colors. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 31830-31841.	4.0	14
122	Synergy between endo/exo-glucanases and expansin enhances enzyme adsorption and cellulose conversion. <i>Carbohydrate Polymers</i> , 2021, 253, 117287.	5.1	14
123	Alizarin and Purpurin from <i>Rubia tinctorum</i> L. Suppress Insulin Fibrillation and Reduce the Amyloid-Induced Cytotoxicity. <i>ACS Chemical Neuroscience</i> , 2021, 12, 2182-2193.	1.7	14
124	Chirality-Dependent Copper-Diphenylalanine Assemblies with Tough Layered Structure and Enhanced Catalytic Performance. <i>ACS Nano</i> , 2022, 16, 6866-6877.	7.3	14
125	Structural Insight into Stabilization of Pickering Emulsions with Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> Nanoparticles for Enzyme Catalysis in Organic Media. <i>Particle and Particle Systems Characterization</i> , 2017, 34, 1700117.	1.2	13
126	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> , 2019, 25, 488-496.	3.3	13

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127	Nontoxic Black Phosphorus Quantum Dots Inhibit Insulin Amyloid Fibrillation at an Ultralow Concentration. <i>IScience</i> , 2020, 23, 101044.	1.9	13
128	An effective and green method for the extraction and purification of aglycone isoflavones from soybean. <i>Food Science and Biotechnology</i> , 2013, 22, 705-712.	1.2	12
129	Tannic acid enhances the removal of chloroform from water using NaOH-activated persulfate. <i>Environmental Chemistry Letters</i> , 2020, 18, 1441-1446.	8.3	12
130	Control of peptide hydrogel formation and stability via heating treatment. <i>Journal of Colloid and Interface Science</i> , 2021, 583, 234-242.	5.0	12
131	Counterion-Directed, Structurally Tunable Assembly of Hydrogels, Membranes, and Sacs at Aqueous Liquid-Liquid Interfaces. <i>Advanced Materials Interfaces</i> , 2016, 3, 1500327.	1.9	11
132	Migration of photoinitiators from paper to fatty food simulants: experimental studies and model application. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2016, 33, 876-884.	1.1	11
133	Enhanced cellulase recovery without $\beta$ -glucosidase supplementation for cellulosic ethanol production using an engineered strain and surfactant. <i>Biotechnology and Bioengineering</i> , 2017, 114, 543-551.	1.7	11
134	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.	0.5	11
135	Ferrocene-Modified Metal-Organic Frameworks as a Peroxidase-Mimicking Catalyst. <i>Catalysis Letters</i> , 2021, 151, 478-486.	1.4	11
136	Bifunctional utilization of whey powder as a substrate and inducer for $\beta$ -farnesene production in an engineered <i>Escherichia coli</i> . <i>Bioresource Technology</i> , 2021, 341, 125739.	4.8	11
137	AuNP array coated substrate for sensitive and homogeneous SERS-immunoassay detection of human immunoglobulin G. <i>RSC Advances</i> , 2021, 11, 22744-22750.	1.7	11
138	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.	4.8	11
139	Solvation energy and thermal stability of hydrophilization-modified alpha-chymotrypsin. <i>The Protein Journal</i> , 1999, 18, 557-564.	1.1	10
140	Comparative QSAR modeling of antitumor activity of ARC-111 analogues using stepwise MLR, PLS, and ANN techniques. <i>Medicinal Chemistry Research</i> , 2010, 19, 1233-1244.	1.1	10
141	Adsorptive removal of Ni(II) ions from aqueous solution and the synthesis of a Ni-doped ceramic: an efficient enzyme carrier exhibiting enhanced activity of immobilized lipase. <i>RSC Advances</i> , 2016, 6, 64581-64588.	1.7	10
142	Co-assembly of Fmoc-tripeptide and gold nanoparticles as a facile approach to immobilize nanocatalysts. <i>RSC Advances</i> , 2017, 7, 15736-15741.	1.7	10
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