

Wei Qi

List of Publications by Year in descending order

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257
papers

8,205
citations

41258

49
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74
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263
all docs

263
docs citations

263
times ranked

9920
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	10.8	228
2	Facile in Situ Synthesis of Silver Nanoparticles on Procyanidin-Grafted Eggshell Membrane and Their Catalytic Properties. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 4638-4649.	4.0	175
3	Ethanol production from high dry matter corn cob using fed-batch simultaneous saccharification and fermentation after combined pretreatment. <i>Bioresource Technology</i> , 2010, 101, 4959-4964.	4.8	174
4	Self-assembling peptide-polysaccharide hybrid hydrogel as a potential carrier for drug delivery. <i>Soft Matter</i> , 2011, 7, 6222.	1.2	170
5	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
6	Constructing Redox-Responsive Metal-Organic Framework Nanocarriers for Anticancer Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 16698-16706.	4.0	147
7	Integrating enzymatic and acid catalysis to convert glucose into 5-hydroxymethylfurfural. <i>Chemical Communications</i> , 2010, 46, 1115-1117.	2.2	142
8	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
9	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
10	Bioconversion of Lignocellulose into Bioethanol: Process Intensification and Mechanism Research. <i>Bioenergy Research</i> , 2011, 4, 225-245.	2.2	117
11	A facile strategy for enzyme immobilization with highly stable hierarchically porous metal-organic frameworks. <i>Nanoscale</i> , 2017, 9, 17561-17570.	2.8	117
12	Grafting Hyaluronic Acid onto Gold Surface to Achieve Low Protein Fouling in Surface Plasmon Resonance Biosensors. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 13034-13042.	4.0	116
13	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.	6.6	116
14	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
15	A carbon dot-based fluorescent probe for highly selective and sensitive detection of phytic acid. <i>Biosensors and Bioelectronics</i> , 2015, 70, 232-238.	5.3	107
16	Rational Design of Mimic Multienzyme Systems in Hierarchically Porous Biomimetic Metal-Organic Frameworks. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 33407-33415.	4.0	103
17	Superior Antifouling Performance of a Zwitterionic Peptide Compared to an Amphiphilic, Non-Ionic Peptide. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 22448-22457.	4.0	101
18	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

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19	Design and mechanisms of antifouling materials for surface plasmon resonance sensors. <i>Acta Biomaterialia</i> , 2016, 40, 100-118.	4.1	98
20	Reduction of Hexavalent Chromium Using Recyclable Pt/Pd Nanoparticles Immobilized on Procyanidin-Grafted Eggshell Membrane. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 13635-13643.	1.8	95
21	Solvent and surface controlled self-assembly of diphenylalanine peptide: from microtubes to nanofibers. <i>Soft Matter</i> , 2011, 7, 6418.	1.2	90
22	Biomimetic Bottlebrush Polymer Coatings for Fabrication of Ultralow Fouling Surfaces. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1308-1314.	7.2	81
23	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.	2.5	80
24	High-performance ultrafiltration membranes based on polyethersulfone-graphene oxide composites. <i>RSC Advances</i> , 2013, 3, 21394.	1.7	79
25	Hydrolysis of cellulose by sulfonated magnetic reduced graphene oxide. <i>Chemical Engineering Journal</i> , 2015, 280, 90-98.	6.6	78
26	Optimization and Application of Reflective LSPR Optical Fiber Biosensors Based on Silver Nanoparticles. <i>Sensors</i> , 2015, 15, 12205-12217.	2.1	77
27	Enhancing the Activity of Peptide-Based Artificial Hydrolase with Catalytic Ser/His/Asp Triad and Molecular Imprinting. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 14133-14141.	4.0	76
28	Advances in nanocellulose-based materials as adsorbents of heavy metals and dyes. <i>Carbohydrate Polymers</i> , 2021, 272, 118471.	5.1	76
29	Functionalized silica nanoparticles for conversion of fructose to 5-hydroxymethylfurfural. <i>Chemical Engineering Journal</i> , 2016, 296, 209-216.	6.6	75
30	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
31	Self-Assembly of Amphiphilic Janus Particles into Monolayer Capsules for Enhanced Enzyme Catalysis in Organic Media. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 465-473.	4.0	71
32	Electrostatic and Aromatic Interaction-Directed Supramolecular Self-Assembly of a Designed Fmoc-Tripeptide into Helical Nanoribbons. <i>Langmuir</i> , 2015, 31, 2885-2894.	1.6	70
33	Interfacial Polymerization of Dopamine in a Pickering Emulsion: Synthesis of Cross-Linkable Colloidosomes and Enzyme Immobilization at Oil/Water Interfaces. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 14954-14964.	4.0	69
34	Copper nanocluster-based fluorescent sensors for sensitive and selective detection of kojic acid in food stuff. <i>Sensors and Actuators B: Chemical</i> , 2014, 195, 359-364.	4.0	67
35	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
36	Promising Techniques for Depolymerization of Lignin into Value-added Chemicals. <i>ChemCatChem</i> , 2019, 11, 639-654.	1.8	65

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37	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
38	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
39	Catalytic Membrane Reactor Immobilized with Alloy Nanoparticle-Loaded Protein Fibrils for Continuous Reduction of 4-Nitrophenol. <i>Environmental Science & Technology</i> , 2016, 50, 11263-11273.	4.6	61
40	Insulin amyloid fibrillation studied by terahertz spectroscopy and other biophysical methods. <i>Biochemical and Biophysical Research Communications</i> , 2010, 391, 862-867.	1.0	60
41	Preparation of Î ² -mannanase CLEAs using macromolecular cross-linkers. <i>Catalysis Science and Technology</i> , 2013, 3, 1937.	2.1	59
42	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.	6.6	59
43	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
44	Three-dimensionally printed bioinspired superhydrophobic PLA membrane for oil-water separation. <i>AIChE Journal</i> , 2018, 64, 3700-3708.	1.8	57
45	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.	2.3	57
46	Utilization of biodiesel by-product as substrate for high-production of Î ² -farnesene via relatively balanced mevalonate pathway in <i>Escherichia coli</i> . <i>Bioresource Technology</i> , 2017, 243, 228-236.	4.8	54
47	Amphiphilic hydrogels for biomedical applications. <i>Journal of Materials Chemistry B</i> , 2019, 7, 2899-2910.	2.9	54
48	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
49	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
50	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
51	Aromatic Motifs Dictate Nanohelix Handedness of Tripeptides. <i>ACS Nano</i> , 2018, 12, 12305-12314.	7.3	53
52	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
53	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
54	Bioinspired Peptide-Coated Superhydrophilic Poly(vinylidene fluoride) Membrane for Oil/Water Emulsion Separation. <i>Langmuir</i> , 2018, 34, 6621-6627.	1.6	50

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55	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
56	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
57	Dopamine-assisted deposition and zwitteration of hyaluronic acid for the nanoscale fabrication of low-fouling surfaces. <i>Journal of Materials Chemistry B</i> , 2016, 4, 4084-4091.	2.9	48
58	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
59	Cross-linked lysozyme crystal templated synthesis of Au nanoparticles as high-performance recyclable catalysts. <i>Nanotechnology</i> , 2013, 24, 245601.	1.3	46
60	Kinetically controlled self-assembly of redox-active ferrocene-diphenylalanine: from nanospheres to nanofibers. <i>Nanotechnology</i> , 2013, 24, 465603.	1.3	46
61	Advances in carrier-bound and carrier-free immobilized nanobiocatalysts. <i>Chemical Engineering Science</i> , 2015, 135, 21-32.	1.9	42
62	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
63	Controlled adsorption of cellulase onto pretreated corncob by pH adjustment. <i>Cellulose</i> , 2012, 19, 371-380.	2.4	41
64	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
65	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
66	Self-Assembly of Peptide Hierarchical Helical Arrays with Sequence-Encoded Circularly Polarized Luminescence. <i>Nano Letters</i> , 2021, 21, 6406-6415.	4.5	41
67	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.	11.8	39
68	Reconfigurable Chiral Self-Assembly of Peptides through Control of Terminal Charges. <i>Small</i> , 2017, 13, 1700999.	5.2	37
69	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
70	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
71	Highly selective reductive catalytic fractionation at atmospheric pressure without hydrogen. <i>Green Chemistry</i> , 2021, 23, 1648-1657.	4.6	37
72	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

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73	Glucomanan-mediated facile synthesis of gold nanoparticles for catalytic reduction of 4-nitrophenol. <i>Nanoscale Research Letters</i> , 2014, 9, 404.	3.1	36
74	One-pot synthesis of mercapto functionalized Zr-MOFs for the enhanced removal of Hg ²⁺ ions from water. <i>Chemical Communications</i> , 2019, 55, 6775-6778.	2.2	36
75	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
76	Molecularly Imprinted Core-Shell CdSe@SiO ₂ /CDs as a Ratiometric Fluorescent Probe for 4-Nitrophenol Sensing. <i>Nanoscale Research Letters</i> , 2018, 13, 27.	3.1	35
77	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
78	Synergy between Zwitterionic Polymers and Hyaluronic Acid Enhances Antifouling Performance. <i>Langmuir</i> , 2019, 35, 15535-15542.	1.6	34
79	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.	4.0	34
80	Controllable synthesis of a sponge-like Z-scheme N,S-CQDs/Bi ₂ MoO ₆ @TiO ₂ film with enhanced photocatalytic and antimicrobial activity under visible/NIR light irradiation. <i>Journal of Hazardous Materials</i> , 2022, 429, 128310.	6.5	34
81	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
82	Interactions between Lubricin and Hyaluronic Acid Synergistically Enhance Antiadhesive Properties. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 18090-18102.	4.0	33
83	Green fluorescent protein inspired fluorophores. <i>Advances in Colloid and Interface Science</i> , 2020, 285, 102286.	7.0	33
84	Microfluidic Synthesis of Lignin/Chitosan Nanoparticles for the pH-Responsive Delivery of Anticancer Drugs. <i>Langmuir</i> , 2021, 37, 7219-7226.	1.6	33
85	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
86	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.	2.6	32
87	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
88	Green Synthesis of a Gold Nanoparticle@Nanocluster Composite Nanostructures Using Trypsin as Linking and Reducing Agents. <i>ACS Sustainable Chemistry and Engineering</i> , 2013, 1, 1398-1404.	3.2	31
89	Recycling cellulases by pH-triggered adsorption-desorption during the enzymatic hydrolysis of lignocellulosic biomass. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 5765-5774.	1.7	31
90	Capillary Force-Driven, Hierarchical Co-Assembly of Dandelion-Like Peptide Microstructures. <i>Small</i> , 2015, 11, 2893-2902.	5.2	31

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91	Cascade catalysis via dehydration and oxidation: one-pot synthesis of 2,5-diformylfuran from fructose using acid and V_2O_5 /ceramic catalysts. <i>RSC Advances</i> , 2017, 7, 7560-7566.	1.7	31
92	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
93	Tunable Design of Structural Colors Produced by Pseudo-1D Photonic Crystals of Graphene Oxide. <i>Small</i> , 2016, 12, 3433-3443.	5.2	30
94	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
95	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
96	Lipase immobilized on novel ceramic supporter with Ni activation for efficient cinnamyl acetate synthesis. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014, 110, 32-38.	1.8	27
97	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
98	Biomimetic Bottlebrush Polymer Coatings for Fabrication of Ultralow Fouling Surfaces. <i>Angewandte Chemie</i> , 2019, 131, 1322-1328.	1.6	25
99	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.	1.8	25
100	Purification, characterization, and production of β -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
101	Bioorganometallic ferrocene-tripeptide nanoemulsions. <i>Nanoscale</i> , 2017, 9, 15323-15331.	2.8	24
102	Chelate immobilization of amylase on metal ceramic powder: Preparation, characterization and application. <i>Biochemical Engineering Journal</i> , 2013, 77, 190-197.	1.8	23
103	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
104	Self-Assembled Microporous Peptide-Polysaccharide Aerogels for Oil/Water Separation. <i>Langmuir</i> , 2018, 34, 10732-10738.	1.6	23
105	Molecularly imprinted peptide-based enzyme mimics with enhanced activity and specificity. <i>Soft Matter</i> , 2020, 16, 7033-7039.	1.2	23
106	Enzymatic saccharification of pretreated corn stover in a fed-batch membrane bioreactor. <i>Bioenergy Research</i> , 2011, 4, 134-140.	2.2	22
107	Enzymatic hydrolysis of lignocellulose: SEC-MALLS analysis and reaction mechanism. <i>RSC Advances</i> , 2013, 3, 1871-1877.	1.7	22
108	Integrating chromium-based ceramic and acid catalysis to convert glucose into 5-hydroxymethylfurfural. <i>Renewable Energy</i> , 2018, 125, 327-333.	4.3	22

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109	Improved conversion efficiency of Lignin-to-Fuel conversion by limiting catalyst deactivation. <i>Chemical Engineering Journal</i> , 2021, 410, 128270.	6.6	22
110	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
111	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
112	Three-Dimensionally Printed Bioinspired Superhydrophobic Packings for Oil-in-Water Emulsion Separation. <i>Langmuir</i> , 2019, 35, 12799-12806.	1.6	21
113	Chiral photonic materials self-assembled by cellulose nanocrystals. <i>Current Opinion in Solid State and Materials Science</i> , 2022, 26, 101017.	5.6	21
114	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
115	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.	1.6	20
116	Tannic acid-assisted fabrication of Fe-Pd nanoparticles for stable rapid dechlorination of two organochlorides. <i>Chemical Engineering Journal</i> , 2018, 352, 716-721.	6.6	20
117	Fluorescent silicon nanoparticles inhibit the amyloid fibrillation of insulin. <i>Journal of Materials Chemistry B</i> , 2019, 7, 1397-1403.	2.9	20
118	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
119	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.	2.6	20
120	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
121	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
122	Jet flow directed supramolecular self-assembly at aqueous liquid-liquid interface. <i>RSC Advances</i> , 2014, 4, 15340.	1.7	19
123	Utilization of whey powder as substrate for low-cost preparation of β -galactosidase as main product, and ethanol as by-product, by a litre-scale integrated process. <i>Bioresource Technology</i> , 2017, 245, 1271-1276.	4.8	19
124	Bioinspired pH-Sensitive Fluorescent Peptidyl Nanoparticles for Cell Imaging. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 4212-4220.	4.0	19
125	Ethanol Production from High-Solid SSCF of Alkaline-Pretreated Corn cob Using Recombinant <i>Zymomonas mobilis</i> CP4. <i>Bioenergy Research</i> , 2013, 6, 292-299.	2.2	18
126	Facile method to synthesize graphene-ZnS nanocomposites: preparation and application in bioelectrochemistry of hemoglobin. <i>Journal of Solid State Electrochemistry</i> , 2013, 17, 2595-2602.	1.2	18

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127	Changes in the supramolecular structures of cellulose after hydrolysis studied by terahertz spectroscopy and other methods. <i>RSC Advances</i> , 2014, 4, 57945-57952.	1.7	18
128	Real-time adsorption and action of expansin on cellulose. <i>Biotechnology for Biofuels</i> , 2018, 11, 317.	6.2	18
129	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.	2.2	18
130	Production enhancement of 5-hydroxymethyl furfural from fructose via mechanical stirring control and high-fructose solution addition. <i>Journal of Chemical Technology and Biotechnology</i> , 2014, 89, 56-64.	1.6	17
131	Peptide-Templated Synthesis of TiO ₂ Nanofibers with Tunable Photocatalytic Activity. <i>Chemistry - A European Journal</i> , 2018, 24, 18123-18129.	1.7	17
132	Photo-Induced Polymerization and Reconfigurable Assembly of Multifunctional Ferrocene-Tyrosine. <i>Small</i> , 2018, 14, e1800772.	5.2	17
133	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.	2.9	17
134	Ferrocene-modified peptides as inhibitors against insulin amyloid aggregation based on molecular simulation. <i>Journal of Materials Chemistry B</i> , 2020, 8, 3076-3086.	2.9	17
135	Effect of Hydrophobicity and Charge Separation on the Antifouling Properties of Surface-Tethered Zwitterionic Peptides. <i>Langmuir</i> , 2021, 37, 8455-8462.	1.6	17
136	Circularly Polarized Luminescent Chiral Photonic Films Based on the Coassembly of Cellulose Nanocrystals and Gold Nanoclusters. <i>Langmuir</i> , 2022, 38, 4147-4155.	1.6	17
137	Enhanced enzymatic hydrolysis of lignocellulose by integrated decrystallization and fed-batch operation. <i>RSC Advances</i> , 2014, 4, 44659-44665.	1.7	16
138	Magnetic-fluorescent nanocomposites as reusable fluorescence probes for sensitive detection of hydrogen peroxide and glucose. <i>Analytical Methods</i> , 2014, 6, 6352-6357.	1.3	16
139	Superior Catalytic Performance of Gold Nanoparticles Within Small Cross-Linked Lysozyme Crystals. <i>Langmuir</i> , 2016, 32, 10895-10904.	1.6	16
140	Enhanced enzymatic hydrolysis of corncob by ultrasound-assisted soaking in aqueous ammonia pretreatment. <i>3 Biotech</i> , 2018, 8, 166.	1.1	16
141	Real-Time Adsorption of Exo- and Endoglucanases on Cellulose: Effect of pH, Temperature, and Inhibitors. <i>Langmuir</i> , 2018, 34, 13514-13522.	1.6	16
142	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.	5.0	16
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