

Wen-Yong Lou

List of Publications by Year in descending order

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Version: 2024-02-01

180
papers

6,840
citations

70961

41
h-index

76769

74
g-index

186
all docs

186
docs citations

186
times ranked

6962
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel magnetic carbon-based solid acid catalyst suitable for efficient hydrolysis of cellulose. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 2207-2215.	2.9	7
2	Biomimetic Mineralization of Prussian Blue Analogue-Incorporated Glucose Oxidase Hybrid Catalyst for Glucose Detection. <i>Catalysis Letters</i> , 2022, 152, 689-698.	1.4	6
3	Effect of acetylation modification on the emulsifying and antioxidant properties of polysaccharide from <i>Millettia speciosa</i> Champ. <i>Food Hydrocolloids</i> , 2022, 124, 107217.	5.6	28
4	Improving catalytic efficiency of endoxylanase for degrading corncob xylan to produce xylooligosaccharides by fusing a β -xylosidase. <i>Industrial Crops and Products</i> , 2022, 176, 114349.	2.5	3
5	Metal organic frameworks for biocatalysis. , 2022, , 267-300.		2
6	Designing a Highly Stable Enzyme-Graphene Oxide Biohybrid as a Sensitive Biorecognition Module for Biosensor Fabrication with Superior Performance and Stability. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 2971-2983.	3.2	4
7	Immobilization of engineered <i>E. coli</i> cells for asymmetric reduction of methyl acetoacetate to methyl-(R)-3-hydroxybutyrate. <i>Bioresources and Bioprocessing</i> , 2022, 9, .	2.0	2
8	Preparation, structural elucidation and immunomodulatory activity of a polysaccharide from <i>Millettia Speciosa</i> Champ. <i>Industrial Crops and Products</i> , 2022, 182, 114889.	2.5	9
9	Modular Metabolic Engineering of <i>Bacillus licheniformis</i> for Efficient 2,3-Butanediol Production by Consolidated Bioprocessing of Jerusalem Artichoke Tubers. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 9624-9634.	3.2	2
10	Harnessing the biocatalytic attributes and applied perspectives of nanoengineered laccases-A review. <i>International Journal of Biological Macromolecules</i> , 2021, 166, 352-373.	3.6	52
11	Enzyme-Oriented Strategies to Mitigate Polluting Agents from Environment. <i>Microorganisms for Sustainability</i> , 2021, , 267-290.	0.4	1
12	Biotechnology and bioengineering of pullulanase: state of the art and perspectives. <i>World Journal of Microbiology and Biotechnology</i> , 2021, 37, 43.	1.7	15
13	Preparation and antioxidant activity of selenium nanoparticles decorated by polysaccharides from <i>Sargassum fusiforme</i> . <i>Journal of Food Science</i> , 2021, 86, 977-986.	1.5	24
14	Editorial: Enzyme or Whole Cell Immobilization for Efficient Biocatalysis: Focusing on Novel Supporting Platforms and Immobilization Techniques. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 620292.	2.0	11
15	A Versatile Competitive Coordination Strategy for Tailoring Bioactive Zeolitic Imidazolate Framework Composites. <i>Small</i> , 2021, 17, e2007586.	5.2	17
16	Oxidized high-amylose starch macrogel as a novel delivery vehicle for probiotic and bioactive substances. <i>Food Hydrocolloids</i> , 2021, 114, 106578.	5.6	20
17	Sequential co-immobilization of multienzyme nanodevices based on SpyCatcher and SpyTag for robust biocatalysis. <i>Molecular Catalysis</i> , 2021, 510, 111673.	1.0	8
18	Extraction and characterization of a functional protein from <i>Millettia speciosa</i> Champ. leaf. <i>Natural Product Research</i> , 2021, , 1-8.	1.0	2

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19	Investigation of hierarchically porous zeolitic imidazolate frameworks for highly efficient dye removal. <i>Journal of Hazardous Materials</i> , 2021, 417, 126011.	6.5	28
20	Multi-functional magnetic hydrogels based on <i>Millettia speciosa</i> Champ residue cellulose and Chitosan: Highly efficient and reusable adsorbent for Congo red and Cu ²⁺ removal. <i>Chemical Engineering Journal</i> , 2021, 423, 130198.	6.6	67
21	Ionic liquids for regulating biocatalytic process: Achievements and perspectives. <i>Biotechnology Advances</i> , 2021, 51, 107702.	6.0	42
22	Structure-guided protein engineering of ammonia lyase for efficient synthesis of sterically bulky unnatural amino acids. <i>Bioresources and Bioprocessing</i> , 2021, 8, .	2.0	2
23	Novel Antioxidative Wall Materials for <i>Lactobacillus casei</i> Microencapsulation via the Maillard Reaction between the Soy Protein Isolate and Prebiotic Oligosaccharides. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 13744-13753.	2.4	22
24	Preparation and Characterization of Oil Rich in Odd Chain Fatty Acids from <i>Rhodococcus opacus</i> PD630. <i>JAOCs, Journal of the American Oil Chemists' Society</i> , 2020, 97, 25-33.	0.8	9
25	Inhibition of <i>Cronobacter sakazakii</i> in reconstituted infant formula using triglycerol monolaurate and its effect on the sensory properties of infant formula. <i>International Journal of Food Microbiology</i> , 2020, 320, 108518.	2.1	9
26	A novel polysaccharide from the roots of <i>Millettia Speciosa</i> Champ: preparation, structural characterization and immunomodulatory activity. <i>International Journal of Biological Macromolecules</i> , 2020, 145, 547-557.	3.6	53
27	Metal-organic frameworks as novel matrices for efficient enzyme immobilization: An update review. <i>Coordination Chemistry Reviews</i> , 2020, 406, 213149.	9.5	298
28	Characterization of a Novel Methylaspartate Ammonia Lyase from <i>E. coli</i> O157:H7 for Efficient Asymmetric Synthesis of Unnatural Amino Acids. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 329-334.	3.2	5
29	Highly enantioselective resolution of racemic 1-phenyl-1,2-ethanediol to (S)-1-phenyl-1,2-ethanediol by <i>Kurthia gibsonii</i> SC0312 in a biphasic system. <i>Journal of Biotechnology</i> , 2020, 308, 21-26.	1.9	10
30	Energy- and cost-effective non-sterilized fermentation of 2,3-butanediol by an engineered <i>Klebsiella pneumoniae</i> OU7 with an anti-microbial contamination system. <i>Green Chemistry</i> , 2020, 22, 8584-8593.	4.6	11
31	Discovery of dipeptidyl peptidase 4 inhibitory peptides from Largemouth bass (<i>Micropterus salmoides</i>) by a comprehensive approach. <i>Bioorganic Chemistry</i> , 2020, 105, 104432.	2.0	9
32	Facile and Green Production of Human Milk Fat Substitute through <i>Rhodococcus opacus</i> Fermentation. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 9368-9376.	2.4	8
33	Combinatorial synthetic pathway fine-tuning and cofactor regeneration for metabolic engineering of <i>Escherichia coli</i> significantly improve production of D-glucaric acid. <i>New Biotechnology</i> , 2020, 59, 51-58.	2.4	9
34	Biocatalytic Epoxidation of Cyclooctene to 1,2-Epoxycyclooctane by a Newly Immobilized <i>Aspergillus niger</i> Lipase. <i>Catalysts</i> , 2020, 10, 781.	1.6	2
35	Bioprospecting of a novel endophytic <i>Bacillus velezensis</i> FZ06 from leaves of <i>Camellia assamica</i> : Production of three groups of lipopeptides and the inhibition against food spoilage microorganisms. <i>Journal of Biotechnology</i> , 2020, 323, 42-53.	1.9	17
36	Recruiting a Phosphite Dehydrogenase/Formamidase-Driven Antimicrobial Contamination System in <i>Bacillus subtilis</i> for Nonsterilized Fermentation of Acetoin. <i>ACS Synthetic Biology</i> , 2020, 9, 2537-2545.	1.9	16

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37	Nanostructured materials as a host matrix to develop robust peroxidases-based nanobiocatalytic systems. <i>International Journal of Biological Macromolecules</i> , 2020, 162, 1906-1923.	3.6	24
38	In-situ construction of enzyme-copper nucleotide composite for efficient chemo-enzymatic cascade reaction. <i>Applied Catalysis A: General</i> , 2020, 608, 117899.	2.2	5
39	Efficient Production of 1,3-Dioleoyl-2-Palmitoylglycerol through <i>Rhodococcus opacus</i> Fermentation. <i>JAACS, Journal of the American Oil Chemists' Society</i> , 2020, 97, 851-860.	0.8	12
40	Biosynthesis of Alanyl-Histidine Dipeptide Catalyzed by Papain Immobilized on Magnetic Nanocrystalline Cellulose in Deep Eutectic Solvents. <i>Applied Biochemistry and Biotechnology</i> , 2020, 192, 573-584.	1.4	9
41	Carbon source modify lipids composition of <i>Rhodococcus opacus</i> intended for infant formula. <i>Journal of Biotechnology</i> , 2020, 319, 8-14.	1.9	16
42	Hydrolysis of corn stover pretreated by DESs with carbon-based solid acid catalyst. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	5
43	Marked improvement in the asymmetric reduction of 2-hydroxyacetophenone with mut-AcCR in a biphasic system. <i>Molecular Catalysis</i> , 2020, 488, 110903.	1.0	2
44	Co-immobilization of multiple enzymes by self-assembly and chemical crosslinking for cofactor regeneration and robust biocatalysis. <i>International Journal of Biological Macromolecules</i> , 2020, 162, 445-453.	3.6	25
45	Recombinant expression and characterization of a novel cold-adapted type I pullulanase for efficient amylopectin hydrolysis. <i>Journal of Biotechnology</i> , 2020, 313, 39-47.	1.9	15
46	Immobilization of Cofactor Self-Sufficient Recombinant <i>Escherichia coli</i> for Enantioselective Biosynthesis of (R)-1-Phenyl-1,2-Ethanediol. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 17.	2.0	3
47	Using a novel polysaccharide BM2 produced by <i>Bacillus megaterium</i> strain PL8 as an efficient bioflocculant for wastewater treatment. <i>International Journal of Biological Macromolecules</i> , 2020, 162, 374-384.	3.6	41
48	Microbial synthesis of functional odd-chain fatty acids: a review. <i>World Journal of Microbiology and Biotechnology</i> , 2020, 36, 35.	1.7	42
49	Using deep eutectic solvents to improve the biocatalytic reduction of 2-hydroxyacetophenone to (R)-1-phenyl-1,2-ethanediol by <i>Kurthia gibsonii</i> SC0312. <i>Molecular Catalysis</i> , 2020, 484, 110773.	1.0	14
50	Peroxidase Encapsulated in Peroxidase Mimics via <i>In-situ</i> Assembly with Enhanced Catalytic Performance. <i>ChemCatChem</i> , 2020, 12, 1996-1999.	1.8	5
51	Improving the thermostability and activity of <i>Paenibacillus pasadenensis</i> chitinase through semi-rational design. <i>International Journal of Biological Macromolecules</i> , 2020, 150, 9-15.	3.6	46
52	Using multiple site-directed modification of epoxide hydrolase to significantly improve its enantioselectivity in hydrolysis of rac-glycidyl phenyl ether. <i>Chinese Journal of Chemical Engineering</i> , 2020, 28, 2181-2189.	1.7	4
53	Efficient protein expression in a robust <i>Escherichia coli</i> strain and its application for kinetic resolution of racemic glycidyl o-methylphenyl ether in high concentration. <i>Biochemical Engineering Journal</i> , 2020, 158, 107573.	1.8	4
54	Zn-triazole coordination polymers: Bioinspired carbonic anhydrase mimics for hydration and sequestration of CO ₂ . <i>Chemical Engineering Journal</i> , 2020, 398, 125530.	6.6	24

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55	Antifungal Effect of Triglycerol Monolaurate Synthesized by Lipozyme 435-Mediated Esterification. <i>Journal of Microbiology and Biotechnology</i> , 2020, 30, 561-570.	0.9	3
56	Effects of CO ₂ supply on growth and photosynthetic ability of young sporophytes of the economic seaweed <i>Sargassum fusiforme</i> (Sargassaceae, Phaeophyta). <i>Journal of Applied Phycology</i> , 2019, 31, 615-624.	1.5	6
57	Structure and immunomodulatory activity of polysaccharides from <i>Fusarium solani</i> DO7 by solid-state fermentation. <i>International Journal of Biological Macromolecules</i> , 2019, 137, 568-575.	3.6	34
58	Metabolic engineering of a robust <i>Escherichia coli</i> strain with a dual protection system. <i>Biotechnology and Bioengineering</i> , 2019, 116, 3333-3348.	1.7	13
59	Front Cover Image, Volume 116, Number 12, December 2019. <i>Biotechnology and Bioengineering</i> , 2019, 116, i.	1.7	0
60	Packaging and delivering enzymes by amorphous metal-organic frameworks. <i>Nature Communications</i> , 2019, 10, 5165.	5.8	234
61	Using 1-propanol to significantly enhance the production of valuable odd-chain fatty acids by <i>Rhodococcus opacus</i> PD630. <i>World Journal of Microbiology and Biotechnology</i> , 2019, 35, 164.	1.7	20
62	Fungal polysaccharide similar with host <i>Dendrobium officinale</i> polysaccharide: Preparation, structure characteristics and biological activities. <i>International Journal of Biological Macromolecules</i> , 2019, 141, 460-470.	3.6	28
63	Significantly enhancing the biocatalytic synthesis of chiral alcohols by semi-rationally engineering an anti-Prelog carbonyl reductase from <i>Acetobacter</i> sp. CCTCC M209061. <i>Molecular Catalysis</i> , 2019, 479, 110613.	1.0	7
64	Highly selective resolution of racemic 1-phenyl-1,2-ethanediol by a novel strain <i>Kurthia gibsonii</i> SC 0312. <i>Letters in Applied Microbiology</i> , 2019, 68, 446-454.	1.0	8
65	Improving biocatalysis of cefaclor with penicillin acylase immobilized on magnetic nanocrystalline cellulose in deep eutectic solvent based co-solvent. <i>Bioresource Technology</i> , 2019, 288, 121548.	4.8	28
66	Novel antibacterial polysaccharides produced by endophyte <i>Fusarium solani</i> DO7. <i>Bioresource Technology</i> , 2019, 288, 121596.	4.8	13
67	Highly efficient asymmetric reduction of 2-octanone in biphasic system by immobilized <i>Acetobacter</i> sp. CCTCC M209061 cells. <i>Journal of Biotechnology</i> , 2019, 299, 37-43.	1.9	8
68	Photosynthetic behaviors in response to intertidal zone and algal mat density in <i>Ulva lactuca</i> (Chlorophyta) along the coast of Nan'ao Island, Shantou, China. <i>Environmental Science and Pollution Research</i> , 2019, 26, 13346-13353.	2.7	11
69	Efficient Bioconversion of Sucrose to High-Value-Added Glucaric Acid by <i>In-Vitro</i> Metabolic Engineering. <i>ChemSusChem</i> , 2019, 12, 2278-2285.	3.6	27
70	Enzyme Nanocarriers. , 2019, , 153-168.		3
71	Antimicrobial activity and action mechanism of triglycerol monolaurate on common foodborne pathogens. <i>Food Control</i> , 2019, 98, 113-119.	2.8	24
72	Growth and photosynthesis by <i>Gracilariopsis lemaneiformis</i> (Gracilariales, Rhodophyta) in response to different stocking densities along Nan'ao Island coastal waters. <i>Aquaculture</i> , 2019, 501, 279-284.	1.7	7

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73	Immune enhancement activity of a novel polysaccharide produced by <i>Dendrobium officinale</i> endophytic fungus <i>Fusarium solani</i> DO7. <i>Journal of Functional Foods</i> , 2019, 53, 266-275.	1.6	44
74	Double-Chitinase Hydrolysis of Crab Shell Chitin Pretreated by Ionic Liquid to Generate Chito-Oligosaccharide. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 1683-1691.	3.2	19
75	Extraction, purification and antioxidant activity of novel polysaccharides from <i>Dendrobium officinale</i> by deep eutectic solvents. <i>Natural Product Research</i> , 2019, 33, 3248-3253.	1.0	33
76	Biocatalysis in Ionic Liquids. , 2019, , 1-9.		1
77	Enhancing the thermostability and activity of uronate dehydrogenase from <i>Agrobacterium tumefaciens</i> LBA4404 by semi-rational engineering. <i>Bioresources and Bioprocessing</i> , 2019, 6, .	2.0	5
78	Recent Advances in Enzymatic Catalysis for Preparation of High Value-Added Chemicals from Carbon Dioxide. <i>Acta Chimica Sinica</i> , 2019, 77, 1099.	0.5	2
79	Synthesis and Functional Identification of Oligopeptides Derived from the $\hat{I}\pm 3/5$ -Conotoxins. <i>International Journal of Peptide Research and Therapeutics</i> , 2018, 24, 251-258.	0.9	0
80	Cloning, overexpression, and characterization of a novel organic solvent-tolerant lipase from <i>Paenibacillus pasadenensis</i> CS0611. <i>Chinese Journal of Catalysis</i> , 2018, 39, 937-945.	6.9	17
81	The application of deep eutectic solvent on the extraction and in vitro antioxidant activity of rutin from <i>Sophora japonica</i> bud. <i>Journal of Food Science and Technology</i> , 2018, 55, 2326-2333.	1.4	33
82	Effects of seawater acidification and alkalization on the farmed seaweed, <i>Pyropia haitanensis</i> (Bangiales, Rhodophyta), grown under different irradiance conditions. <i>Algal Research</i> , 2018, 31, 413-420.	2.4	12
83	Efficient biocatalytic stereoselective reduction of methyl acetoacetate catalyzed by whole cells of engineered <i>E. coli</i> . <i>RSC Advances</i> , 2018, 8, 9970-9978.	1.7	9
84	Purification of anthocyanins from saskatoon berries and their microencapsulation in deep eutectic solvents. <i>LWT - Food Science and Technology</i> , 2018, 95, 316-325.	2.5	33
85	The effect of deep eutectic solvents on the asymmetric hydrolysis of styrene oxide by mung bean epoxide hydrolases. <i>Bioresources and Bioprocessing</i> , 2018, 5, .	2.0	14
86	Preparation of a novel nanobiocatalyst by immobilizing penicillin acylase onto magnetic nanocrystalline cellulose and its use for efficient synthesis of cefaclor. <i>Chemical Engineering Journal</i> , 2018, 346, 361-368.	6.6	23
87	Biocatalytic Reduction of HMF to 2,5-Bis(hydroxymethyl)furan by HMF-Tolerant Whole Cells. <i>ChemSusChem</i> , 2017, 10, 304-304.	3.6	5
88	Highly Efficient Enzymatic Acylation of Dihydromyricetin by the Immobilized Lipase with Deep Eutectic Solvents as Cosolvent. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 2084-2088.	2.4	37
89	Preparation of a Nanobiocatalyst by Efficiently Immobilizing <i>Aspergillus niger</i> Lipase onto Magnetic Metal-Biomolecule Frameworks (BioMOF). <i>ChemCatChem</i> , 2017, 9, 1794-1800.	1.8	25
90	Encapsulation of fish oil in a coaxial electrospun nanofibrous mat and its properties. <i>RSC Advances</i> , 2017, 7, 14939-14946.	1.7	62

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91	Purification and characterization of alkaline chitinase from <i>Paenibacillus pasadenensis</i> CS0611. <i>Chinese Journal of Catalysis</i> , 2017, 38, 665-672.	6.9	25
92	Novel efficient procedure for biodiesel synthesis from waste oils with high acid value using 1-sulfobutyl-3-methylimidazolium hydrosulfate ionic liquid as the catalyst. <i>Chinese Journal of Chemical Engineering</i> , 2017, 25, 1519-1523.	1.7	11
93	Enhancing oxidative stability of encapsulated fish oil by incorporation of ferulic acid into electrospun zein mat. <i>LWT - Food Science and Technology</i> , 2017, 84, 82-90.	2.5	50
94	Electrospun core-shell structured nanofilm as a novel colon-specific delivery system for protein. <i>Carbohydrate Polymers</i> , 2017, 169, 157-166.	5.1	48
95	Efficient microbial oil production on crude glycerol by <i>Lipomyces starkeyi</i> AS 2.1560 and its kinetics. <i>Process Biochemistry</i> , 2017, 58, 230-238.	1.8	25
96	Biocatalytic Reduction of HMF to 2,5-Bis(hydroxymethyl)furan by HMF-Tolerant Whole Cells. <i>ChemSusChem</i> , 2017, 10, 372-378.	3.6	92
97	Use of Crude Glycerol as Sole Carbon Source for Microbial Lipid Production by Oleaginous Yeasts. <i>Applied Biochemistry and Biotechnology</i> , 2017, 182, 495-510.	1.4	27
98	Recent progress on deep eutectic solvents in biocatalysis. <i>Bioresources and Bioprocessing</i> , 2017, 4, 34.	2.0	262
99	Enzymatic characterization of a recombinant carbonyl reductase from <i>Acetobacter</i> sp. CCTCC M209061. <i>Bioresources and Bioprocessing</i> , 2017, 4, 39.	2.0	12
100	Preparation of Structurally Diverse Chiral Alcohols by Engineering Ketoreductase <i>CgKR1</i> . <i>ACS Catalysis</i> , 2017, 7, 7174-7181.	5.5	74
101	Effects of stocking density and decreased carbon supply on the growth and photosynthesis in the farmed seaweed, <i>Pyropia haitanensis</i> (Bangiales, Rhodophyta). <i>Journal of Applied Phycology</i> , 2017, 29, 3057-3065.	1.5	13
102	Magnetic ZIF-8/cellulose/Fe ₃ O ₄ nanocomposite: preparation, characterization, and enzyme immobilization. <i>Bioresources and Bioprocessing</i> , 2017, 4, .	2.0	35
103	Combination of deep eutectic solvent and ionic liquid to improve biocatalytic reduction of 2-octanone with <i>Acetobacter pasteurianus</i> GIM1.158 cell. <i>Scientific Reports</i> , 2016, 6, 26158.	1.6	41
104	Recent advances in immobilized enzymes on nanocarriers. <i>Chinese Journal of Catalysis</i> , 2016, 37, 1814-1823.	6.9	71
105	Engineering of a novel carbonyl reductase with coenzyme regeneration in <i>E. coli</i> for efficient biosynthesis of enantiopure chiral alcohols. <i>Journal of Biotechnology</i> , 2016, 230, 54-62.	1.9	29
106	Novel Nano-/Micro-Biocatalyst: Soybean Epoxide Hydrolase Immobilized on UiO-66-NH ₂ MOF for Efficient Biosynthesis of Enantiopure (R)-1, 2-Octanediol in Deep Eutectic Solvents. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 3586-3595.	3.2	171
107	Markedly improving asymmetric oxidation of 1-(4-methoxyphenyl) ethanol with <i>Acetobacter</i> sp. CCTCC M209061 cells by adding deep eutectic solvent in a two-phase system. <i>Microbial Cell Factories</i> , 2016, 15, 5.	1.9	29
108	A magnetic biocatalyst based on mussel-inspired polydopamine and its acylation of dihydromyricetin. <i>Chinese Journal of Catalysis</i> , 2016, 37, 584-595.	6.9	23

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109	Preparation and Characterization of Immobilized Lipase from <i>Pseudomonas Cepacia</i> onto Magnetic Cellulose Nanocrystals. <i>Scientific Reports</i> , 2016, 6, 20420.	1.6	77
110	Catalytic Conversion of Carbohydrates to Levulinate Ester over Heteropolyanion-Based Ionic Liquids. <i>ChemSusChem</i> , 2016, 9, 3307-3316.	3.6	46
111	Efficient separation and purification of anthocyanins from saskatoon berry by using low transition temperature mixtures. <i>RSC Advances</i> , 2016, 6, 104582-104590.	1.7	24
112	Mechanistic insights into the effect of imidazolium ionic liquid on lipid production by <i>Geotrichum fermentans</i> . <i>Biotechnology for Biofuels</i> , 2016, 9, 266.	6.2	14
113	Biocatalytic Upgrading of 5-Hydroxymethylfurfural (HMF) with Levulinic Acid to HMF Levulinate in Biomass-Derived Solvents. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 4050-4054.	3.2	50
114	Fabrication of electrospun polylactic acid nanofilm incorporating cinnamon essential oil/ β -cyclodextrin inclusion complex for antimicrobial packaging. <i>Food Chemistry</i> , 2016, 196, 996-1004.	4.2	263
115	Whole-Cell Biocatalytic Processes with Ionic Liquids. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 371-386.	3.2	68
116	Changes in the Structure and the Thermal Properties of Kraft Lignin during Its Dissolution in Cholinium Ionic Liquids. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 2951-2958.	3.2	69
117	Enhancing Asymmetric Reduction of 3-Chloropropiophenone with Immobilized <i>Acetobacter</i> sp. CCTCC M209061 Cells by Using Deep Eutectic Solvents as Cosolvents. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 718-724.	3.2	58
118	Highly efficient and regioselective synthesis of dihydromyricetin esters by immobilized lipase. <i>Journal of Biotechnology</i> , 2015, 199, 31-37.	1.9	32
119	Papain@Magnetic Nanocrystalline Cellulose Nanobiocatalyst: A Highly Efficient Biocatalyst for Dipeptide Biosynthesis in Deep Eutectic Solvents. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 1589-1599.	3.2	86
120	Asymmetric reduction of ethyl acetoacetate catalyzed by immobilized <i>Acetobacter</i> sp. CCTCC M209061 cells in hydrophilic ionic liquid hybrid system. <i>Biotechnology and Bioprocess Engineering</i> , 2015, 20, 324-332.	1.4	4
121	Immobilization of Alkaline Protease on Amino-Functionalized Magnetic Nanoparticles and Its Efficient Use for Preparation of Oat Polypeptides. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 4689-4698.	1.8	48
122	Biocompatible Deep Eutectic Solvents Based on Choline Chloride: Characterization and Application to the Extraction of Rutin from <i>Sophora japonica</i> . <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 2746-2755.	3.2	437
123	Using deep eutectic solvents to improve the resolution of racemic 1-(4-methoxyphenyl)ethanol through <i>Acetobacter</i> sp. CCTCC M209061 cell-mediated asymmetric oxidation. <i>RSC Advances</i> , 2015, 5, 6357-6364.	1.7	34
124	[C4H8SO3Hmim]HSO4 as an efficient catalyst for direct liquefaction of bagasse lignin: Decomposition properties of the inner structural units. <i>Chemical Engineering Science</i> , 2015, 122, 24-33.	1.9	93
125	A Novel Carbonyl Reductase with Anti-Prelog Stereospecificity from <i>Acetobacter</i> sp. CCTCC M209061: Purification and Characterization. <i>PLoS ONE</i> , 2014, 9, e94543.	1.1	19
126	The Effect of Different Factors on Microbial Oil Production by <i>Trichosporon Fermentans</i> on Rice Straw Acid Hydrolysate. <i>International Journal of Green Energy</i> , 2014, 11, 787-795.	2.1	15

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127	Easily measurable pH as an indicator of the effectiveness of the aqueous cholinium ionic liquid-based pretreatment of lignocellulose. <i>RSC Advances</i> , 2014, 4, 55635-55639.	1.7	14
128	Kinetics and Mechanism Analysis on Microbial Oil Production by <i>Trichosporon fermentans</i> in Rice Straw Hydrolysate. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 19034-19043.	1.8	16
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