

List of Publications by Citations

Source: <https://exaly.com/author-pdf/4943952/yihan-liu-publications-by-citations.pdf>
Version: 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

43 papers	406 citations	12 h-index	18 g-index
45 ext. papers	640 ext. citations	5.3 avg, IF	3.64 L-index

#	Paper	IF	Citations
43	Cloning, expression, and characterization of a thermostable and pH-stable laccase from <i>Klebsiella pneumoniae</i> and its application to dye decolorization. <i>Process Biochemistry</i> , 2017 , 53, 125-134	4.8	46
42	Tunable physical and mechanical properties of gelatin hydrogel after transglutaminase crosslinking on two gelatin types. <i>International Journal of Biological Macromolecules</i> , 2020 , 162, 405-413	7.9	29
41	High-yield phosphatidylserine production via yeast surface display of phospholipase D from <i>Streptomyces chromofuscus</i> on <i>Pichia pastoris</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 5354-5360	5.7	25
40	High-level expression, purification and characterization of a recombinant medium-temperature alpha-amylase from <i>Bacillus subtilis</i> . <i>Biotechnology Letters</i> , 2010 , 32, 119-24	3	20
39	A novel approach for improving the yield of <i>Bacillus subtilis</i> transglutaminase in heterologous strains. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2014 , 41, 1227-35	4.2	19
38	Engineering a highly efficient expression system to produce BcaPRO protease in <i>Bacillus subtilis</i> by an optimized promoter and signal peptide. <i>International Journal of Biological Macromolecules</i> , 2019 , 138, 903-911	7.9	18
37	Cytotoxic Metabolites Produced by the Endophytic Fungus <i>Aspergillus clavatus</i> . <i>Chemistry Letters</i> , 2015 , 44, 1148-1149	1.7	17
36	Single network double cross-linker (SNDCL) hydrogels with excellent stretchability, self-recovery, adhesion strength, and conductivity for human motion monitoring. <i>Soft Matter</i> , 2020 , 16, 7323-7331	3.6	16
35	Efficient expression of an alkaline pectate lyase gene from <i>Bacillus subtilis</i> and the characterization of the recombinant protein. <i>Biotechnology Letters</i> , 2012 , 34, 109-15	3	16
34	Improvement in thermostability of an alkaline lipase I from <i>Penicillium cyclopium</i> by directed evolution. <i>RSC Advances</i> , 2017 , 7, 38538-38548	3.7	14
33	A highly active alpha amylase from <i>Bacillus licheniformis</i> : directed evolution, enzyme characterization and structural analysis. <i>Journal of Microbiology and Biotechnology</i> , 2014 , 24, 898-904	3.3	14
32	Ionic-surfactants-based thermotropic liquid crystals. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 15256-15281	5.1	12
31	A novel process for phosphatidylserine production using a <i>Pichia pastoris</i> whole-cell biocatalyst with overexpression of phospholipase D from <i>Streptomyces halstedii</i> in a purely aqueous system. <i>Food Chemistry</i> , 2019 , 274, 535-542	8.5	12
30	The heterologous expression, characterization, and application of a novel laccase from <i>Bacillus velezensis</i> . <i>Science of the Total Environment</i> , 2020 , 713, 136713	10.2	11
29	Chameleon-Inspired Energy-Saving Smart Window Responding to Natural Weather. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 12949-12959	8.3	11
28	Guanosine-based thermotropic liquid crystals with tunable phase structures and ion-responsive properties. <i>Journal of Colloid and Interface Science</i> , 2019 , 553, 269-279	9.3	10
27	Characterization and application of a novel laccase derived from <i>Bacillus amyloliquefaciens</i> . <i>International Journal of Biological Macromolecules</i> , 2020 , 150, 982-990	7.9	10

26	Biochemical characterization of a novel GH43 family α -xylosidase from <i>Bacillus pumilus</i> . <i>Food Chemistry</i> , 2019 , 295, 653-661	8.5	9
25	Enhancing the activity and thermostability of <i>Streptomyces mobaraensis</i> transglutaminase by directed evolution and molecular dynamics simulation. <i>Biochemical Engineering Journal</i> , 2019 , 151, 1073-1083	4.2	9
24	Characterization of transglutaminase from <i>Bacillus subtilis</i> and its cross-linking function with a bovine serum albumin model. <i>Food and Function</i> , 2018 , 9, 5560-5568	6.1	9
23	Purification, characterization and in vitro antioxidant activity of a polysaccharide AAP-3-1 from <i>Auricularia auricula</i> . <i>International Journal of Biological Macromolecules</i> , 2020 , 162, 1453-1464	7.9	8
22	Multiple Cross-Linking-Dominated Metal-Ligand Coordinated Hydrogels with Tunable Strength and Thermosensitivity. <i>ACS Applied Polymer Materials</i> , 2019 , 1, 2370-2378	4.3	7
21	Preparing oligopeptides from broken rice protein by ultrafiltration-coupled enzymatic hydrolysis. <i>European Food Research and Technology</i> , 2013 , 236, 419-424	3.4	7
20	Biochemical characterization of a tyrosinase from <i>Bacillus aryabhattai</i> and its application. <i>International Journal of Biological Macromolecules</i> , 2021 , 176, 37-46	7.9	7
19	Ethanol effects on the overexpression of heterologous catalase in <i>Escherichia coli</i> BL21 (DE3). <i>Applied Microbiology and Biotechnology</i> , 2019 , 103, 1441-1453	5.7	7
18	Metagenomic Profiling of the Bacterial Community Changes from Koji to Mash Stage in the Brewing of Soy Sauce. <i>Polish Journal of Microbiology</i> , 2017 , 66, 537-541	1.8	5
17	Improving the activity and stability of <i>Bacillus clausii</i> alkaline protease using directed evolution and molecular dynamics simulation. <i>Enzyme and Microbial Technology</i> , 2021 , 147, 109787	3.8	5
16	Directed evolution of α -amylase from <i>Bacillus licheniformis</i> to enhance its acid-stable performance. <i>Biologia (Poland)</i> , 2019 , 74, 1363-1372	1.5	4
15	Cloning, expression and characterisation of phospholipase B from <i>Saccharomyces cerevisiae</i> and its application in the synthesis of l- α -glycerylphosphorylcholine and peanut oil degumming. <i>Biotechnology and Biotechnological Equipment</i> , 2018 , 32, 968-973	1.6	4
14	Fluorescent magnetic ionic liquids with multiple responses to temperature, humidity and organic vapors. <i>Journal of Materials Chemistry C</i> ,	7.1	4
13	Functional expression of <i>Trametes versicolor</i> thermotolerant laccase variant in <i>Pichia pastoris</i> . <i>Biotechnology and Biotechnological Equipment</i> , 2016 , 30, 261-269	1.6	3
12	Transcriptomic Analysis of the Influence of Methanol Assimilation on the Gene Expression in the Recombinant Producing Hirudin Variant 3. <i>Genes</i> , 2019 , 10,	4.2	3
11	Enhancing the thermostability of phospholipase D from <i>Streptomyces halstedii</i> by directed evolution and elucidating the mechanism of a key amino acid residue using molecular dynamics simulation. <i>International Journal of Biological Macromolecules</i> , 2020 , 164, 3065-3074	7.9	3
10	Enzymatic characterization, molecular dynamics simulation, and application of a novel <i>Bacillus licheniformis</i> laccase. <i>International Journal of Biological Macromolecules</i> , 2021 , 167, 1393-1405	7.9	3
9	Magnetic polymerizable surfactants: thermotropic liquid crystal behaviors and construction of nanostructured films. <i>New Journal of Chemistry</i> , 2020 , 44, 16537-16545	3.6	2

8	G-Quadruplex based hydrogels stabilized by a cationic polymer as an efficient adsorbent of picric acid. <i>New Journal of Chemistry</i> , 2019 , 43, 18331-18338	3.6	2
7	Reducing the cell lysis to enhance yield of acid-stable alpha amylase by deletion of multiple peptidoglycan hydrolase-related genes in <i>Bacillus amyloliquefaciens</i> . <i>International Journal of Biological Macromolecules</i> , 2021 , 167, 777-786	7.9	2
6	Enhancing the functional characteristics of soy protein isolate via cross-linking catalyzed by <i>Bacillus subtilis</i> transglutaminase. <i>Journal of the Science of Food and Agriculture</i> , 2021 , 101, 4154-4160	4.3	2
5	Screening of the candidate inhibitory peptides of subtilisin by in vitro RNA display technique. <i>International Journal of Biological Macromolecules</i> , 2020 , 163, 1162-1167	7.9	1
4	From gas separation to ion transport in the cavity of hyperbranched polyamides based on triptycene aimed for electrochromic and memory devices. <i>Polymer Chemistry</i> , 2022 , 13, 808-818	4.9	0
3	Efficient secretion expression of phospholipase D in <i>Bacillus subtilis</i> and its application in synthesis of phosphatidylserine by enzyme immobilization. <i>International Journal of Biological Macromolecules</i> , 2021 , 169, 282-289	7.9	0
2	Multiple Modular Engineering of Cell Factories for Enhanced Production of Alkaline Proteases From .. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022 , 10, 866066	5.8	0
1	Biochemical and Structural Properties of a High-Temperature-Active Laccase from <i>Bacillus pumilus</i> and Its Application in the Decolorization of Food Dyes. <i>Foods</i> , 2022 , 11, 1387	4.9	