

# Wen Luo

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

156  
citations

1307594

7  
h-index

1281871

11  
g-index

20  
all docs

20  
docs citations

20  
times ranked

126  
citing authors

#	ARTICLE	IF	CITATIONS
1	Study on extraction of lignin and synthesis of lignin-based epoxy resins using ionic liquid. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 1115-1126.	4.6	5
2	Improvement of methanol tolerance and catalytic activity of <i>Rhizomucor miehei</i> lipase for one-step synthesis of biodiesel by semi-rational design. <i>Bioresource Technology</i> , 2022, 348, 126769.	9.6	19
3	N-glycosylation as an effective strategy to enhance characteristics of <i>Rhizomucor miehei</i> lipase for biodiesel production. <i>Enzyme and Microbial Technology</i> , 2022, 160, 110072.	3.2	4
4	Preparation and Performance of the Lipid Hydrodeoxygenation of a Nickel-Induced Graphene/HZSM-5 Catalyst. <i>Catalysts</i> , 2022, 12, 627.	3.5	1
5	Co-Expression of a Thermally Stable and Methanol-Resistant Lipase and Its Chaperone from <i>Burkholderia cepacia</i> G63 in <i>Escherichia coli</i> . <i>Applied Biochemistry and Biotechnology</i> , 2021, 193, 717-729.	2.9	3
6	Fabrication of sea urchin-like hierarchical porous SAPO-11 molecular sieves toward hydrogenation of lipid to jet fuel. <i>New Journal of Chemistry</i> , 2021, 45, 169-178.	2.8	4
7	Heat-induced overexpression of the thermophilic lipase from <i>Bacillus thermocatenulatus</i> in <i>Escherichia coli</i> by fermentation and its application in preparation biodiesel using rapeseed oil. <i>Biotechnology and Applied Biochemistry</i> , 2021, , .	3.1	7
8	Enhanced activity of <i>Rhizomucor miehei</i> lipase by directed saturation mutation of the propeptide. <i>Enzyme and Microbial Technology</i> , 2021, 150, 109870.	3.2	4
9	Enhanced activity and stability of <i>Rhizomucor miehei</i> lipase by mutating N-linked glycosylation site and its application in biodiesel production. <i>Fuel</i> , 2021, 304, 121514.	6.4	20
10	Crude glycerol impurities improve <i>Rhizomucor miehei</i> lipase production by <i>Pichia pastoris</i> . <i>Preparative Biochemistry and Biotechnology</i> , 2021, 51, 860-870.	1.9	11
11	Improved methanol tolerance of <i>Rhizomucor miehei</i> lipase based on N-glycosylation within the $\alpha$ -helix region and its application in biodiesel production. <i>Biotechnology for Biofuels</i> , 2021, 14, 237.	6.2	7
12	High-efficiency expression of the thermophilic lipase from <i>Geobacillus thermocatenulatus</i> in <i>Escherichia coli</i> and its application in the enzymatic hydrolysis of rapeseed oil. <i>3 Biotech</i> , 2020, 10, 523.	2.2	15
13	Gene cloning and characterization of an organic solvent-stimulated $\beta$ -glucosidase and its application for the co-production of ethanol and succinic acid. <i>Cellulose</i> , 2019, 26, 8237-8248.	4.9	10
14	Effect of Propeptide Variation on Properties of <i>Rhizomucor miehei</i> Lipase. <i>Journal of Biobased Materials and Bioenergy</i> , 2018, 12, 330-338.	0.3	7
15	Establishment and application of a modified membrane-blot assay for <i>Rhizomucor miehei</i> lipases aimed at improving their methanol tolerance and thermostability. <i>Enzyme and Microbial Technology</i> , 2017, 102, 35-40.	3.2	6
16	Promotional effect of transition metal doping on the properties of KF/CaO catalyst for biodiesel synthesis. <i>International Journal of Green Energy</i> , 2017, 14, 784-791.	3.8	2
17	Double-lipase catalyzed synthesis of kojic dipalmitate in organic solvents. <i>Chemical Research in Chinese Universities</i> , 2017, 33, 903-907.	2.6	5
18	Expression in <i>Pichia pastoris</i> and characterization of <i>Rhizomucor miehei</i> lipases containing a new propeptide region. <i>Journal of General and Applied Microbiology</i> , 2016, 62, 25-30.	0.7	7

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19	Combined use of GAP and AOX1 promoters and optimization of culture conditions to enhance expression of <i>Rhizomucor miehei</i> lipase. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2015, 42, 1175-1182.	3.0	19