

# Wen Luo

## List of Publications by Year in descending order

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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	Enhanced activity and stability of Rhizomucor miehei lipase by mutating N-linked glycosylation site and its application in biodiesel production. Fuel, 2021, 304, 121514.	6.4	20
2	Combined use of GAP and AOX1 promoters and optimization of culture conditions to enhance expression of Rhizomucor miehei lipase. Journal of Industrial Microbiology and Biotechnology, 2015, 42, 1175-1182.	3.0	19
3	Improvement of methanol tolerance and catalytic activity of Rhizomucor miehei lipase for one-step synthesis of biodiesel by semi-rational design. Bioresource Technology, 2022, 348, 126769.	9.6	19
4	High-efficiency expression of the thermophilic lipase from Geobacillus thermocatenulatus in Escherichia coli and its application in the enzymatic hydrolysis of rapeseed oil. 3 Biotech, 2020, 10, 523.	2.2	15
5	Crude glycerol impurities improve <i>Rhizomucor miehei</i> lipase production by <i>Pichia pastoris</i> . Preparative Biochemistry and Biotechnology, 2021, 51, 860-870.	1.9	11
6	Gene cloning and characterization of an organic solvent-stimulated $\beta$ -glucosidase and its application for the co-production of ethanol and succinic acid. Cellulose, 2019, 26, 8237-8248.	4.9	10
7	Expression in <i>Pichia pastoris</i> and characterization of <i>Rhizomucor miehei</i> lipases containing a new propeptide region. Journal of General and Applied Microbiology, 2016, 62, 25-30.	0.7	7
8	Effect of Propeptide Variation on Properties of <i>Rhizomucor miehei</i> Lipase. Journal of Biobased Materials and Bioenergy, 2018, 12, 330-338.	0.3	7
9	Heat-induced overexpression of the thermophilic lipase from Bacillus thermocatenulatus in Escherichia coli by fermentation and its application in preparation biodiesel using rapeseed oil. Biotechnology and Applied Biochemistry, 2021, , .	3.1	7
10	Improved methanol tolerance of Rhizomucor miehei lipase based on N-glycosylation within the $\alpha$ -helix region and its application in biodiesel production. Biotechnology for Biofuels, 2021, 14, 237.	6.2	7
11	Establishment and application of a modified membrane-blot assay for Rhizomucor miehei lipases aimed at improving their methanol tolerance and thermostability. Enzyme and Microbial Technology, 2017, 102, 35-40.	3.2	6
12	Double-lipase catalyzed synthesis of kojic dipalmitate in organic solvents. Chemical Research in Chinese Universities, 2017, 33, 903-907.	2.6	5
13	Study on extraction of lignin and synthesis of lignin-based epoxy resins using ionic liquid. Biomass Conversion and Biorefinery, 2023, 13, 1115-1126.	4.6	5
14	Fabrication of sea urchin-like hierarchical porous SAPO-11 molecular sieves toward hydrogenation of lipid to jet fuel. New Journal of Chemistry, 2021, 45, 169-178.	2.8	4
15	Enhanced activity of Rhizomucor miehei lipase by directed saturation mutation of the propeptide. Enzyme and Microbial Technology, 2021, 150, 109870.	3.2	4
16	N-glycosylation as an effective strategy to enhance characteristics of Rhizomucor miehei lipase for biodiesel production. Enzyme and Microbial Technology, 2022, 160, 110072.	3.2	4
17	Co-Expression of a Thermally Stable and Methanol-Resistant Lipase and Its Chaperone from Burkholderia cepacia G63 in Escherichia coli. Applied Biochemistry and Biotechnology, 2021, 193, 717-729.	2.9	3
18	Promotional effect of transition metal doping on the properties of KF/CaO catalyst for biodiesel synthesis. International Journal of Green Energy, 2017, 14, 784-791.	3.8	2

#	ARTICLE	IF	CITATIONS
19	Preparation and Performance of the Lipid Hydrodeoxygenation of a Nickel-Induced Graphene/HZSM-5 Catalyst. <i>Catalysts</i> , 2022, 12, 627.	3.5	1