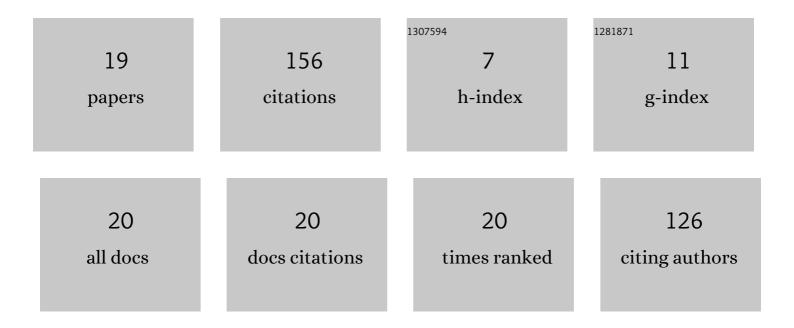
Wen Luo

List of Publications by Year in descending order

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WENLUO

#	Article	IF	CITATIONS
1	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
2	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
3	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
4	Preparation and Performance of the Lipid Hydrodeoxygenation of a Nickel-Induced Graphene/HZSM-5 Catalyst. Catalysts, 2022, 12, 627.	3.5	1
5	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
6	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
7	Heatâ€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
8	Enhanced activity of Rhizomucor miehei lipase by directed saturation mutation of the propeptide. Enzyme and Microbial Technology, 2021, 150, 109870.	3.2	4
9	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
10	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
11	Improved methanol tolerance of Rhizomucor miehei lipase based on Nâ€ʻglycosylation within the α-helix region and its application in biodiesel production. Biotechnology for Biofuels, 2021, 14, 237.	6.2	7
12	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
13	Gene cloning and characterization of an organic solvent-stimulated β-glucosidase and its application for the co-production of ethanol and succinic acid. Cellulose, 2019, 26, 8237-8248.	4.9	10
14	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
15	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
16	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
17	Double-lipase catalyzed synthesis of kojic dipalmitate in organic solvents. Chemical Research in Chinese Universities, 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. Journal of General and Applied Microbiology, 2016, 62, 25-30.	0.7	7

#	Article	IF	CITATIONS
19	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