

# Mengxing Li, æå-é'

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/672383/publications.pdf>

Version: 2024-02-01

24  
papers

688  
citations

623734

14  
h-index

642732

23  
g-index

24  
all docs

24  
docs citations

24  
times ranked

849  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biochar facilitated bioprocessing and biorefinery for productions of biofuel and chemicals: A review. <i>Bioresource Technology</i> , 2020, 295, 122252.	9.6	97
2	Recent advances in polyhydroxyalkanoate production: Feedstocks, strains and process developments. <i>International Journal of Biological Macromolecules</i> , 2020, 156, 691-703.	7.5	76
3	High-activity production of xylanase by <i>Pichia stipitis</i> : Purification, characterization, kinetic evaluation and xylooligosaccharides production. <i>International Journal of Biological Macromolecules</i> , 2018, 117, 72-77.	7.5	55
4	Controlled Release System by Active Gelatin Film Incorporated with $\beta$ -Cyclodextrin-Thymol Inclusion Complexes. <i>Food and Bioprocess Technology</i> , 2018, 11, 1695-1702.	4.7	52
5	Evaluation of six white-rot fungal pretreatments on corn stover for the production of cellulolytic and ligninolytic enzymes, reducing sugars, and ethanol. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 5641-5652.	3.6	51
6	Hyperspectral imaging for detection of codling moth infestation in GoldRush apples. <i>Postharvest Biology and Technology</i> , 2017, 129, 37-44.	6.0	50
7	Growth performance and nutritional profile of mealworms reared on corn stover, soybean meal, and distillersâ€™ grains. <i>European Food Research and Technology</i> , 2019, 245, 2631-2640.	3.3	43
8	Non-Destructive Technologies for Detecting Insect Infestation in Fruits and Vegetables under Postharvest Conditions: A Critical Review. <i>Foods</i> , 2020, 9, 927.	4.3	41
9	Enhancement of polyhydroxybutyrate (PHB) production by 10-fold from alkaline pretreatment liquor with an oxidative enzyme-mediator-surfactant system under Plackett-Burman and central composite designs. <i>Bioresource Technology</i> , 2019, 281, 99-106.	9.6	37
10	Fed-batch cultivation and adding supplements to increase yields of polyhydroxybutyrate production by <i>Cupriavidus necator</i> from corn stover alkaline pretreatment liquor. <i>Bioresource Technology</i> , 2020, 299, 122676.	9.6	28
11	Development of a cost-effective medium for submerged production of fungal aryl alcohol oxidase using a genetically modified <i>Aspergillus nidulans</i> strain. <i>Bioresource Technology</i> , 2020, 305, 123038.	9.6	22
12	Application of Acoustic Emission and Machine Learning to Detect Codling Moth Infested Apples. <i>Transactions of the ASABE</i> , 2018, 61, 1157-1164.	1.1	20
13	Visible/near infrared spectroscopy and machine learning for predicting polyhydroxybutyrate production cultured on alkaline pretreated liquor from corn stover. <i>Bioresource Technology Reports</i> , 2020, 9, 100386.	2.7	17
14	Flow cytometry for quantitation of polyhydroxybutyrate production by <i>Cupriavidus necator</i> using alkaline pretreated liquor from corn stover. <i>Bioresource Technology</i> , 2020, 295, 122254.	9.6	15
15	Optimization of polyhydroxybutyrate production by experimental design of combined ternary mixture (glucose, xylose and arabinose) and process variables (sugar concentration, molar C:N ratio). <i>Bioprocess and Biosystems Engineering</i> , 2019, 42, 1495-1506.	3.4	14
16	Switchgrass storage effects on the recovery of carbohydrates after liquid hot water pretreatment and enzymatic hydrolysis. <i>AIMS Bioengineering</i> , 2016, 3, 389-399.	1.1	14
17	Effect of Moisture Content and Inoculum Size on Cell Wall Composition and Ethanol Yield from Switchgrass after Solid-State <i>Pleurotus ostreatus</i> Treatment. <i>Transactions of the ASABE</i> , 2018, 61, 1997-2006.	1.1	12
18	Lignin bioconversion into valuable products: fractionation, depolymerization, aromatic compound conversion, and bioproduct formation. <i>Systems Microbiology and Biomanufacturing</i> , 2021, 1, 166-185.	2.9	10

#	ARTICLE	IF	CITATIONS
19	Preparation of starch phosphate carbamides and its application for improvement of noodle quality. Czech Journal of Food Sciences, 2019, 37, 456-462.	1.2	9
20	Fed-batch polyhydroxybutyrate production by Paraburkholderia sacchari from a ternary mixture of glucose, xylose and arabinose. Bioprocess and Biosystems Engineering, 2021, 44, 185-193.	3.4	9
21	Scanning probe acoustic microscopy of extruded starch materials: Direct visual evidence of starch crystal. Carbohydrate Polymers, 2013, 98, 372-379.	10.2	6
22	Fourier-transform infrared spectroscopy and machine learning to predict amino acid content of nine commercial insects. Food Science and Technology, 0, 42, .	1.7	5
23	Nutritional profile and in vitro immunomodulatory activity of protein extract from goat placenta and fermented extraction residual. Journal of Food Process Engineering, 2021, 44, .	2.9	3
24	Fourier-transform infrared spectroscopy and machine learning to predict fatty acid content of nine commercial insects. Journal of Food Measurement and Characterization, 2021, 15, 953-960.	3.2	2