

Mengxing Li, æå-é'

List of Publications by Year in descending order

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24
papers

688
citations

623734

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docs citations

24
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849
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Nutritional profile and in vitro immunomodulatory activity of protein extract from goat placenta and fermented extraction residual. <i>Journal of Food Process Engineering</i> , 2021, 44, .	2.9	3
3	Fourier-transform infrared spectroscopy and machine learning to predict fatty acid content of nine commercial insects. <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 953-960.	3.2	2
4	Fed-batch polyhydroxybutyrate production by <i>Paraburkholderia sacchari</i> from a ternary mixture of glucose, xylose and arabinose. <i>Bioprocess and Biosystems Engineering</i> , 2021, 44, 185-193.	3.4	9
5	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
6	Biochar facilitated bioprocessing and biorefinery for productions of biofuel and chemicals: A review. <i>Bioresource Technology</i> , 2020, 295, 122252.	9.6	97
7	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
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	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
10	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
11	Recent advances in polyhydroxyalkanoate production: Feedstocks, strains and process developments. <i>International Journal of Biological Macromolecules</i> , 2020, 156, 691-703.	7.5	76
12	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
13	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
14	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
15	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
16	Preparation of starch phosphate carbamides and its application for improvement of noodle quality. <i>Czech Journal of Food Sciences</i> , 2019, 37, 456-462.	1.2	9
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	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

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19	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
20	Controlled Release System by Active Gelatin Film Incorporated with β -Cyclodextrin-Thymol Inclusion Complexes. <i>Food and Bioprocess Technology</i> , 2018, 11, 1695-1702.	4.7	52
21	Hyperspectral imaging for detection of codling moth infestation in GoldRush apples. <i>Postharvest Biology and Technology</i> , 2017, 129, 37-44.	6.0	50
22	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
23	Scanning probe acoustic microscopy of extruded starch materials: Direct visual evidence of starch crystal. <i>Carbohydrate Polymers</i> , 2013, 98, 372-379.	10.2	6
24	Fourier-transform infrared spectroscopy and machine learning to predict amino acid content of nine commercial insects. <i>Food Science and Technology</i> , 0, 42, .	1.7	5