Ming Yang

List of Publications by Year
in descending order

19	375	840776 11	794594 19
papers	citations	h-index	g-index

19	19	19	460
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhanced sugar production from pretreated barley straw by additive xylanase and surfactants in enzymatic hydrolysis for acetoneâ€“butanolâ€“ethanol fermentation. Bioresource Technology, 2015, 189, 131-137.	9.6	76
2	Simplified sodium chlorite pretreatment for carbohydrates retention and efficient enzymatic saccharification of silvergrass. Bioresource Technology, 2018, 261, 223-231.	9.6	43
3	Exploring surface characterization and electrostatic property of Hybrid Pennisetum during alkaline sulfite pretreatment for enhanced enzymatic hydrolysability. Bioresource Technology, 2017, 244, 1166-1172.	9.6	37
4	Effect of dilute acid pretreatment on the conversion of barley straw with grains to fermentable sugars. Bioresource Technology, 2013, 146, 444-450.	9.6	31
5	Enhanced acetone-butanol-ethanol production from lignocellulosic hydrolysates by using starchy slurry as supplement. Bioresource Technology, 2017, 243, 126-134.	9.6	31
6	Improving the Hydrolytic Action of Cellulases by Tween 80: Offsetting the Lost Activity of Cellobiohydrolase Cel7A. ACS Sustainable Chemistry and Engineering, 2017, 5, 11339-11345.	6.7	27
7	Influence of size reduction treatments on sugar recovery from Norway spruce for butanol production. Bioresource Technology, 2018, 257, 113-120.	9.6	19
8	Impact of lignin content on alkaline-sulfite pretreatment of Hybrid Pennisetum. Bioresource Technology, 2018, 267, 793-796.	9.6	15
9	Physicochemical characterization and enzymatic digestibility of Chinese pennisetum pretreated with 1-ethyl-3-methylimidazolium acetate at moderate temperatures. Renewable Energy, 2016, 91, 409-416.	8.9	13
10	Comparison of a solvent mixture assisted dilute acid and alkali pretreatment in sugar production from hybrid Pennisetum. Industrial Crops and Products, 2019, 141, 111806.	5.2	13
11	Hydrolyzability of mannan after adsorption on cellulose. Cellulose, 2017, 24, 35-47.	4.9	12
12	Bioethanol production from short rotation S.Âschwerinii E. Wolf is carbon neutral with utilization of waste-based organic fertilizer and process carbon dioxide capture. Journal of Cleaner Production, 2021, 293, 126088.	9.3	11
13	Hydrolyzability of xylan after adsorption on cellulose: Exploration of xylan limitation on enzymatic hydrolysis of cellulose. Carbohydrate Polymers, 2016, 148, 362-370.	10.2	10
14	Effect of salts formed by neutralization for the enzymatic hydrolysis of cellulose and acetoneâ€“butanolâ€“ethanol fermentation. RSC Advances, 2019, 9, 33755-33760.	3.6	10
15	The access of Trichoderma reesei 6A to cellulose is blocked by isolated hemicelluloses and their derivatives in biomass hydrolysis. RSC Advances, 2016, 6, 73859-73868.	3.6	9
16	Recovering Activities of Inactivated Cellulases by the Use of Mannanase in Spruce Hydrolysis. ACS Sustainable Chemistry and Engineering, 2017, 5, 5265-5272.	6.7	7
17	Effect of Bacillus Additives on Fermentation Quality and Bacterial Community during the Ensiling Process of Whole-Plant Corn Silage. Processes, 2022, 10, 978.	2.8	7
18	Effect of solvent mixture pretreatment on sugar release from short-rotation coppice Salix schwerinii for biobutanol production. Bioresource Technology, 2022, 344, 126262.	9.6	3

#	Article	IF	Citations
19	Study on the Effects of Microstructural Surfaces on the Attachment of Moving Microbes. Energies, 2020, 13, 4421.	3.1	1