

Youngmi Kim

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

3,555
citations

279701

23
h-index

610775

24
g-index

26
all docs

26
docs citations

26
times ranked

3479
citing authors

#	ARTICLE	IF	CITATIONS
1	Deactivation of cellulases by phenols. <i>Enzyme and Microbial Technology</i> , 2011, 48, 54-60.	1.6	436
2	Inhibition of cellulases by phenols. <i>Enzyme and Microbial Technology</i> , 2010, 46, 170-176.	1.6	403
3	Soluble inhibitors/deactivators of cellulase enzymes from lignocellulosic biomass. <i>Enzyme and Microbial Technology</i> , 2011, 48, 408-415.	1.6	398
4	Composition of corn dry-grind ethanol by-products: DDGS, wet cake, and thin stillage. <i>Bioresource Technology</i> , 2008, 99, 5165-5176.	4.8	287
5	Effect of liquid hot water pretreatment severity on properties of hardwood lignin and enzymatic hydrolysis of cellulose. <i>Biotechnology and Bioengineering</i> , 2015, 112, 252-262.	1.7	283
6	Adsorption of enzyme onto lignins of liquid hot water pretreated hardwoods. <i>Biotechnology and Bioengineering</i> , 2015, 112, 447-456.	1.7	207
7	Lignin-Enzyme Interactions in the Hydrolysis of Lignocellulosic Biomass. <i>Trends in Biotechnology</i> , 2019, 37, 518-531.	4.9	183
8	Lignin monomer composition affects Arabidopsis cell-wall degradability after liquid hot water pretreatment. <i>Biotechnology for Biofuels</i> , 2010, 3, 27.	6.2	178
9	Enzymatic digestion of liquid hot water pretreated hybrid poplar. <i>Biotechnology Progress</i> , 2009, 25, 340-348.	1.3	142
10	Fractionation of cellulase and fermentation inhibitors from steam pretreated mixed hardwood. <i>Bioresource Technology</i> , 2013, 135, 30-38.	4.8	132
11	Enzyme hydrolysis and ethanol fermentation of liquid hot water and AFEX pretreated distillers' grains at high-solids loadings. <i>Bioresource Technology</i> , 2008, 99, 5206-5215.	4.8	131
12	Hydrolysis-determining substrate characteristics in liquid hot water pretreated hardwood. <i>Biotechnology and Bioengineering</i> , 2015, 112, 677-687.	1.7	116
13	Severity factor coefficients for subcritical liquid hot water pretreatment of hardwood chips. <i>Biotechnology and Bioengineering</i> , 2014, 111, 254-263.	1.7	99
14	Comparative study on enzymatic digestibility of switchgrass varieties and harvests processed by leading pretreatment technologies. <i>Bioresource Technology</i> , 2011, 102, 11089-11096.	4.8	93
15	Liquid Hot Water Pretreatment of Cellulosic Biomass. <i>Methods in Molecular Biology</i> , 2009, 581, 93-102.	0.4	73
16	Surface and ultrastructural characterization of raw and pretreated switchgrass. <i>Bioresource Technology</i> , 2011, 102, 11097-11104.	4.8	62
17	Plug-Flow Reactor for Continuous Hydrolysis of Glucans and Xylans from Pretreated Corn Fiber. <i>Energy & Fuels</i> , 2005, 19, 2189-2200.	2.5	58
18	Application of cellulase and hemicellulase to pure xylan, pure cellulose, and switchgrass solids from leading pretreatments. <i>Bioresource Technology</i> , 2011, 102, 11080-11088.	4.8	54

#	ARTICLE	IF	CITATIONS
19	Reaction mechanisms and kinetics of xylooligosaccharide hydrolysis by dicarboxylic acids. <i>AICHE Journal</i> , 2013, 59, 188-199.	1.8	48
20	Process simulation of modified dry grind ethanol plant with recycle of pretreated and enzymatically hydrolyzed distillers' grains. <i>Bioresource Technology</i> , 2008, 99, 5177-5192.	4.8	44
21	Effect of compositional variability of distillers' grains on cellulosic ethanol production. <i>Bioresource Technology</i> , 2010, 101, 5385-5393.	4.8	39
22	Cassava Starch Pearls as a Desiccant for Drying Ethanol. <i>Industrial & Engineering Chemistry Research</i> , 2011, 50, 8678-8685.	1.8	25
23	Ethanol Production from Maize. <i>Biotechnology in Agriculture and Forestry</i> , 2009, , 347-364.	0.2	25
24	Cellulose conversion in dry grind ethanol plants. <i>Bioresource Technology</i> , 2008, 99, 5157-5159.	4.8	15
25	Hydrothermal Pretreatment of Lignocellulosic Biomass for Bioethanol Production. , 2017, , 181-205.		12