Yoon Y Lee

List of Publications by Year in descending order

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		567281	794594
19	1,967	15	19
papers	citations	h-index	g-index

21	21	21	2594
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A review on alkaline pretreatment technology for bioconversion of lignocellulosic biomass. Bioresource Technology, 2016, 199, 42-48.	9.6	1,064
2	Fundamental Aspects of Dilute Acid Hydrolysis/Fractionation Kinetics of Hardwood Carbohydrates. 1. Cellulose Hydrolysis. Industrial & Engineering Chemistry Research, 2000, 39, 2817-2825.	3.7	185
3	Ammonia recycled percolation process for pretreatment of herbaceous biomass. Applied Biochemistry and Biotechnology, 1996, 57-58, 121-132.	2.9	97
4	Cellulose Hydrolysis Under Extremely Low. Applied Biochemistry and Biotechnology, 2001, 91-93, 331-340.	2.9	90
5	Ammonia-recycled percolation process for pretreatment of biomass feedstock. Applied Biochemistry and Biotechnology, 1995, 51-52, 5-19.	2.9	84
6	Acetoneâ€“butanolâ€“ethanol production from Kraft paper mill sludge by simultaneous saccharification and fermentation. Bioresource Technology, 2016, 200, 713-721.	9.6	76
7	Fractionation of herbaceous biomass by ammonia-hydrogen peroxide percolation treatment. Applied Biochemistry and Biotechnology, 1996, 57-58, 147-156.	2.9	59
8	Production of Lactic Acid from the Mixture of Softwood Pre-hydrolysate and Paper Mill Sludge by Simultaneous Saccharification and Fermentation. Applied Biochemistry and Biotechnology, 2015, 175, 2741-2754.	2.9	41
9	Kinetic and modeling investigation on two-stage reverse-flow reactor as applied to dilute-acid pretreatment of agricultural residues. Applied Biochemistry and Biotechnology, 1996, 57-58, 133-146.	2.9	40
10	Lactic acid fermentation of crude sorghum extract. Biotechnology and Bioengineering, 1980, 22, 757-777.	3.3	32
11	Production of levulinic acid from glucose by dual solidâ€acid catalysts. Environmental Progress and Sustainable Energy, 2018, 37, 471-480.	2.3	31
12	Inulin hydrolysis to fructose by a novel catalyst. Chemical Engineering and Technology, 1995, 18, 440-444.	1.5	29
13	Enhancement of acid re-assimilation and biosolvent production in Clostridium saccharoperbutylacetonicum through metabolic engineering for efficient biofuel production from lignocellulosic biomass. Bioresource Technology, 2019, 281, 217-225.	9.6	27
14	Shrinking-bed model for percolation process applied to dilute-acid pretreatment/hydrolysis of cellulosic biomass. Applied Biochemistry and Biotechnology, 1998, 70-72, 37-49.	2.9	22
15	Reaction Kinetic Model of Dilute Acid-Catalyzed Hemicellulose Hydrolysis of Corn Stover under High-Solid Conditions. Industrial & Engineering Chemistry Research, 2017, 56, 10990-10997.	3.7	17
16	Evaluation of chlorine dioxide as a supplementary pretreatment reagent for lignocellulosic biomass. Bioresource Technology, 2017, 244, 1049-1054.	9.6	17
17	Effect of transient variation of temperature on acid hydrolysis of aspen hemicellulose. Applied Biochemistry and Biotechnology, 1989, 20-21, 107-117.	2.9	12
18	Effect of diffusion in solid acid catalyzed inulin hydrolysis. Applied Biochemistry and Biotechnology, 1988, 17, 55-72.	2.9	8

#	Article	IF	Citations
19	Ultraviolet-sensitive photographic process using enzymes. Biotechnology and Bioengineering, 1980, 22, 1725-1734.	3.3	3