

Yoon Y Lee

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,967
citations

567281

15
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

2594
citing authors

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

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19	Ultraviolet-sensitive photographic process using enzymes. <i>Biotechnology and Bioengineering</i> , 1980, 22, 1725-1734.	3.3	3