

Jun Seok Kim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11093152/publications.pdf>

Version: 2024-02-01

32
papers

2,790
citations

516710

16
h-index

454955

30
g-index

32
all docs

32
docs citations

32
times ranked

3151
citing authors

#	ARTICLE	IF	CITATIONS
1	A review on alkaline pretreatment technology for bioconversion of lignocellulosic biomass. <i>Bioresource Technology</i> , 2016, 199, 42-48.	9.6	1,064
2	Pretreatment of corn stover by aqueous ammonia. <i>Bioresource Technology</i> , 2003, 90, 39-47.	9.6	526
3	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
4	Comparison of various alkaline pretreatment methods of lignocellulosic biomass. <i>Energy</i> , 2012, 47, 31-35.	8.8	158
5	Pretreatment of Corn Stover by Low-Liquid Ammonia Recycle Percolation Process. <i>Applied Biochemistry and Biotechnology</i> , 2006, 133, 41-58.	2.9	121
6	Two-stage pretreatment of rice straw using aqueous ammonia and dilute acid. <i>Bioresource Technology</i> , 2011, 102, 8992-8999.	9.6	108
7	Pretreatment of rice straw with combined process using dilute sulfuric acid and aqueous ammonia. <i>Biotechnology for Biofuels</i> , 2013, 6, 109.	6.2	101
8	Cellulose Hydrolysis Under Extremely Low. <i>Applied Biochemistry and Biotechnology</i> , 2001, 91-93, 331-340.	2.9	90
9	A Comprehensive Kinetic Model for Dilute-Acid Hydrolysis of Cellulose. <i>Applied Biochemistry and Biotechnology</i> , 2003, 106, 337-352.	2.9	68
10	Pretreatment of Wastepaper and Pulp Mill Sludge by Aqueous Ammonia and Hydrogen Peroxide. <i>Applied Biochemistry and Biotechnology</i> , 2000, 84-86, 129-140.	2.9	58
11	Understanding the Physicochemical Characteristics and the Improved Enzymatic Saccharification of Corn Stover Pretreated with Aqueous and Gaseous Ammonia. <i>Bioenergy Research</i> , 2016, 9, 67-76.	3.9	48
12	Dilute acid pretreatment of barley straw and its saccharification and fermentation. <i>Biotechnology and Bioprocess Engineering</i> , 2011, 16, 725-732.	2.6	45
13	Optimization of citric acid production by <i>Aspergillus niger</i> NRRL 567 grown in a column bioreactor. <i>Korean Journal of Chemical Engineering</i> , 2009, 26, 422-427.	2.7	30
14	Fermentation of Xylose into Acetic Acid by <i>Clostridium thermoaceticum</i> . <i>Applied Biochemistry and Biotechnology</i> , 2001, 91-93, 367-376.	2.9	27
15	Effect of organosolv pretreatment on mechanically pretreated biomass by use of concentrated ethanol as the solvent. <i>Biotechnology and Bioprocess Engineering</i> , 2017, 22, 431-439.	2.6	19
16	The effect of sugar decomposed on the ethanol fermentation and decomposition reactions of sugars. <i>Biotechnology and Bioprocess Engineering</i> , 2008, 13, 332-341.	2.6	18
17	Pretreatment of Rice Straw by Proton Beam Irradiation for Efficient Enzyme Digestibility. <i>Applied Biochemistry and Biotechnology</i> , 2011, 164, 1183-1191.	2.9	15
18	Flow-Through Pretreatment of Corn Stover by Recycling Organosolv to Reduce Waste Solvent. <i>Energies</i> , 2018, 11, 879.	3.1	15

#	ARTICLE	IF	CITATIONS
19	Comparative evaluation of biochemical methane potential of various types of Ugandan agricultural biomass following soaking aqueous ammonia pretreatment. <i>Environmental Science and Pollution Research</i> , 2020, 27, 17631-17641.	5.3	14
20	Kinetic Study of Empty Fruit Bunch Using Hot Liquid Water and Dilute Acid. <i>Applied Biochemistry and Biotechnology</i> , 2012, 167, 1527-1539.	2.9	13
21	Pretreatment of Corn Stover Using Organosolv with Hydrogen Peroxide for Effective Enzymatic Saccharification. <i>Energies</i> , 2018, 11, 1301.	3.1	13
22	Enzymatic Hydrolysis Characteristics of Pretreated Rice Straw By Aqueous Ammonia for Bioethanol Production. <i>Korean Chemical Engineering Research</i> , 2011, 49, 470-474.	0.2	10
23	Coating and Gas Permeation Properties of Urushiol-Based Organic/Inorganic Hybrid Films. <i>Journal of Sol-Gel Science and Technology</i> , 2004, 30, 117-128.	2.4	9
24	The hydrolysate of barley straw containing inhibitors can be used to produce cephalosporin C by solvent extraction using ethyl acetate. <i>Process Biochemistry</i> , 2014, 49, 2203-2206.	3.7	9
25	Rapid analysis of barley straw before and after dilute sulfuric acid pretreatment by photoluminescence. <i>Bioresource Technology</i> , 2013, 146, 789-793.	9.6	6
26	Lactic acid Production from Hydrolysate of Pretreated Cellulosic Biomass by <i>Lactobacillus rhamnosus</i> . <i>Korean Chemical Engineering Research</i> , 2015, 53, 1-5.	0.2	6
27	Characterization of Pretreatment for Barley straw by Alkaline Solutions. <i>Korean Chemical Engineering Research</i> , 2012, 50, 18-24.	0.2	5
28	A Comprehensive Kinetic Model for Dilute-Acid Hydrolysis of Cellulose. , 2003, , 337-352.		4
29	Reutilization of carbon sources through sugar recovery from waste rice straw. <i>Renewable Energy</i> , 2013, 53, 43-48.	8.9	2
30	Production of Levulinic Acid from <i>Gelidium amansii</i> Using Two Step Acid Hydrolysis. <i>Korean Chemical Engineering Research</i> , 2013, 51, 438-442.	0.2	2
31	Pretreatment of <i>Helianthus tuberosus</i> residue by flow-through process for production of fermentable sugar. <i>Korean Journal of Chemical Engineering</i> , 2017, 34, 346-352.	2.7	1
32	A bioreactor with an internal contactor for primary recovery of bovine serum albumin from yeast suspension. <i>Korean Journal of Chemical Engineering</i> , 2009, 26, 1323-1327.	2.7	0