Gregory J Kennedy

List of Publications by Year
in descending order

19	717	623734	794594
papers	citations	14 h-index	19 g-index

19	19	19	1104
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biological pretreatment of corn stover with white-rot fungus for improved enzymatic hydrolysis. International Biodeterioration and Biodegradation, 2016, 109, 29-35.	3.9	157
2	Response surface optimization of corn stover pretreatment using dilute phosphoric acid for enzymatic hydrolysis and ethanol production. Bioresource Technology, 2013, 130, 603-612.	9.6	105
3	Pilot scale conversion of wheat straw to ethanol via simultaneous saccharification and fermentation. Bioresource Technology, 2015, 175, 17-22.	9.6	86
4	Dilute sulfuric acid pretreatment of corn stover for enzymatic hydrolysis and efficient ethanol production by recombinant Escherichia coli FBR5 without detoxification. Bioresource Technology, 2013, 142, 312-319.	9.6	52
5	Biological pretreatment of corn stover with Phlebia brevispora NRRLâ€13108 for enhanced enzymatic hydrolysis and efficient ethanol production. Biotechnology Progress, 2017, 33, 365-374.	2.6	46
6	High temperature dilute phosphoric acid pretreatment of corn stover for furfural and ethanol production. Industrial Crops and Products, 2013, 50, 478-484.	5.2	41
7	Production of itaconic acid from pentose sugars by Aspergillus terreus. Biotechnology Progress, 2017, 33, 1059-1067.	2.6	36
8	Enhancement of xylose utilization from corn stover by a recombinant Escherichia coli strain for ethanol production. Bioresource Technology, 2015, 190, 182-188.	9.6	29
9	Factors Affecting Production of Itaconic Acid from Mixed Sugars by Aspergillus terreus. Applied Biochemistry and Biotechnology, 2019, 187, 449-460.	2.9	29
10	Biological abatement of inhibitors in rice hull hydrolyzate and fermentation to ethanol using conventional and engineered microbes. Biomass and Bioenergy, 2014, 67, 79-88.	5.7	27
11	Foliarâ€Nitrogen and Phosphorus Resorption Patterns Differ among Nitrogenâ€Fixing and Nonfixing Temperateâ€Deciduous Trees and Shrubs. International Journal of Plant Sciences, 2008, 169, 495-502.	1.3	25
12	Valorization of egg shell as a detoxifying and buffering agent for efficient polymalic acid production by Aureobasidium pullulans NRRL Y-2311-1 from barley straw hydrolysate. Bioresource Technology, 2019, 278, 130-137.	9.6	19
13	Ninety six well microtiter plate as microbioreactors for production of itaconic acid by six Aspergillus terreus strains. Journal of Microbiological Methods, 2018, 144, 53-59.	1.6	16
14	Phosphate limitation alleviates the inhibitory effect of manganese on itaconic acid production by Aspergillus terreus. Biocatalysis and Agricultural Biotechnology, 2019, 18, 101016.	3.1	14
15	Production of xylitol from mixed sugars of xylose and arabinose without co-producing arabitol. Biocatalysis and Agricultural Biotechnology, 2020, 29, 101786.	3.1	13
16	Efficient itaconic acid production by Aspergillus terreus: Overcoming the strong inhibitory effect of manganese. Biotechnology Progress, 2020, 36, e2939.	2.6	10
17	Optimization of xylitol production from xylose by a novel arabitol limited co-producing Barnettozyma populi NRRL Y-12728. Preparative Biochemistry and Biotechnology, 2021, 51, 761-768.	1.9	6
18	Efficient bioconversion of waste bread into 2-keto-d-gluconic acid by Pseudomonas reptilivora NRRL B-6. Biomass Conversion and Biorefinery, 2020, 10, 545-553.	4.6	4

#	Article	IF	Citations
19	Itaconic acid production by Aspergillus terreus from glucose up to pilot scale and from corn stover and wheat straw hydrolysates using new manganese tolerant medium. Biocatalysis and Agricultural Biotechnology, 2022, 43, 102418.	3.1	2