

Charilaos Xiros

List of Publications by Year in descending order

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11
papers

687
citations

840585

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1281743

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11
all docs

11
docs citations

11
times ranked

1046
citing authors

#	ARTICLE	IF	CITATIONS
1	Lignocellulosic ethanol production at high-gravity: challenges and perspectives. Trends in Biotechnology, 2014, 32, 46-53.	4.9	305
2	Biotechnological Potential of Brewers Spent Grain and its Recent Applications. Waste and Biomass Valorization, 2012, 3, 213-232.	1.8	99
3	Evaluation of Fusarium oxysporum as an enzyme factory for the hydrolysis of brewer's spent grain with improved biodegradability for ethanol production. Industrial Crops and Products, 2008, 28, 213-224.	2.5	68
4	Simultaneous saccharification and fermentation by co-cultures of Fusarium oxysporum and Saccharomyces cerevisiae enhances ethanol production from liquefied wheat straw at high solid content. Industrial Crops and Products, 2015, 76, 793-802.	2.5	56
5	Comparison of strategies to overcome the inhibitory effects in high-gravity fermentation of lignocellulosic hydrolysates. Biomass and Bioenergy, 2014, 65, 79-90.	2.9	36
6	Hydrolysis and fermentation for cellulosic ethanol production. Wiley Interdisciplinary Reviews: Energy and Environment, 2013, 2, 633-654.	1.9	28
7	Life cycle impacts of ethanol production from spruce wood chips under high-gravity conditions. Biotechnology for Biofuels, 2016, 9, 53.	6.2	27
8	Toward a sustainable biorefinery using high-gravity technology. Biofuels, Bioproducts and Biorefining, 2017, 11, 15-27.	1.9	27
9	A Multispecies Fungal Biofilm Approach to Enhance the Cellulolytic Efficiency of Membrane Reactors for Consolidated Bioprocessing of Plant Biomass. Frontiers in Microbiology, 2017, 8, 1930.	1.5	15
10	A cellulolytic fungal biofilm enhances the consolidated bioconversion of cellulose to short chain fatty acids by the rumen microbiome. Applied Microbiology and Biotechnology, 2019, 103, 3355-3365.	1.7	14
11	Catalytic valorization of the acetate fraction of biomass to aromatics and its integration into the carboxylate platform. Green Chemistry, 2019, 21, 2801-2809.	4.6	12