

Charilaos Xiros

List of Publications by Year in descending order

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11
papers

687
citations

840585

11
h-index

1281743

11
g-index

11
all docs

11
docs citations

11
times ranked

1046
citing authors

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