Violeta SÃ nchez i NoguÃ©

List of Publications by Year
in descending order

15 papers	692 citations	687363 13 h-index	996975 15 g-index
16 all docs	16 docs citations	16 times ranked	1187 citing authors

#	Article	IF	Citations
1	Directed combinatorial mutagenesis of Escherichia coli for complex phenotype engineering. Metabolic Engineering, 2018, 47, 10-20.	7.0	32
2	Engineering Î²-oxidation in Yarrowia lipolytica for methyl ketone production. Metabolic Engineering, 2018, 48, 52-62.	7.0	39
3	Integrated diesel production from lignocellulosic sugarsviaoleaginous yeast. Green Chemistry, 2018, 20, 4349-4365.	9.0	48
4	CRISPR EnAbled Trackable genome Engineering for isopropanol production in Escherichia coli. Metabolic Engineering, 2017, 41, 1-10.	7.0	82
5	Renewable acrylonitrile production. Science, 2017, 358, 1307-1310.	12.6	122
6	Hybrid SSF/SHF Processing of SO2 Pretreated Wheat Strawâ€"Tuning Co-fermentation by Yeast Inoculum Size and Hydrolysis Time. Applied Biochemistry and Biotechnology, 2017, 181, 536-547.	2.9	21
7	Propionic acid production from corn stover hydrolysate by Propionibacterium acidipropionici. Biotechnology for Biofuels, 2017, 10, 200.	6.2	25
8	Adaptation to low pH and lignocellulosic inhibitors resulting in ethanolic fermentation and growth of Saccharomyces cerevisiae. AMB Express, 2016, 6, 59.	3.0	55
9	Development of Lignocellulosic Biorefinery Technologies: Recent Advances and Current Challenges. Australian Journal of Chemistry, 2016, 69, 1201.	0.9	29
10	Adaptation of Scheffersomyces stipitis to hardwood spent sulfite liquor by evolutionary engineering. Biotechnology for Biofuels, 2015, 8, 50.	6.2	38
11	Effect of cell immobilization and pH on Scheffersomyces stipitis growth and fermentation capacity in rich and inhibitory media. Bioresources and Bioprocessing, 2015, 2, .	4.2	9
12	Short-term adaptation improves the fermentation performance of Saccharomyces cerevisiae in the presence of acetic acid at low pH. Applied Microbiology and Biotechnology, 2013, 97, 7517-7525.	3.6	23
13	Isolation and characterization of a resident tolerant Saccharomyces cerevisiae strain from a spent sulfite liquor fermentation plant. AMB Express, 2012, 2, 68.	3.0	13
14	Physiological requirements for growth and competitiveness of Dekkera bruxellensis under oxygenâ€limited or anaerobic conditions. Yeast, 2012, 29, 265-274.	1.7	48
15	Stressâ€related challenges in pentose fermentation to ethanol by the yeast Saccharomyces cerevisiae. Biotechnology Journal, 2011, 6, 286-299.	3.5	107