

Technological trends, global market, and challenges of b

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Bio-ethanol production optimization using ACD with ESN critic. , 2011, , .		1
2	Microalgae as a Feedstock for Biofuels. , 2011, , 1-69.		21
3	Microalgae as a Feedstock for Biofuels. , 2011, , .		72
5	Produção de celulases por <i>Aspergillus niger</i> por fermentação em estado sólido. Pesquisa Agropecuária Brasileira, 2011, 46, 912-919.	0.9	22
6	Innovative Biological Solutions to Challenges in Sustainable Biofuels Production. , 0, , .		1
7	Bioethanol production from farming non-food macroalgae in Pacific island nations: Chemical constituents, bioethanol yields, and prospective species in the Philippines. Renewable and Sustainable Energy Reviews, 2011, 15, 4432-4435.	8.2	58
8	Switching <i>Clostridium acetobutylicum</i> to an ethanol producer by disruption of the butyrate/butanol fermentative pathway. Metabolic Engineering, 2011, 13, 464-473.	3.6	71
9	Identification of candidate genes for yeast engineering to improve bioethanol production in very high gravity and lignocellulosic biomass industrial fermentations. Biotechnology for Biofuels, 2011, 4, 57.	6.2	44
10	Robust industrial <i>Saccharomyces cerevisiae</i> strains for very high gravity bio-ethanol fermentations. Journal of Bioscience and Bioengineering, 2011, 112, 130-136.	1.1	58
11	Thermophilic, lignocellulolytic bacteria for ethanol production: current state and perspectives. Applied Microbiology and Biotechnology, 2011, 92, 13-27.	1.7	99
12	RNA-Seq of the xylose-fermenting yeast <i>Scheffersomyces stipitis</i> cultivated in glucose or xylose. Applied Microbiology and Biotechnology, 2011, 92, 1237-1249.	1.7	30
13	Ethanol production by a new pentose-fermenting yeast strain, <i>Scheffersomyces stipitis</i> UFMG-IMH 43.2, isolated from the Brazilian forest. Yeast, 2011, 28, 547-554.	0.8	41
14	Integrated macroalgae production for sustainable bioethanol, aquaculture and agriculture in Pacific island nations. Biofuels, Bioproducts and Biorefining, 2011, 5, 599-608.	1.9	20
15	The effect of organosolv pretreatment variables on enzymatic hydrolysis of sugarcane bagasse. Chemical Engineering Journal, 2011, 168, 1157-1162.	6.6	183
16	Commercial Biomass Syngas Fermentation. Energies, 2012, 5, 5372-5417.	1.6	352
17	Extremotolerant fungi as genetic resources for biotechnology. Bioengineered, 2012, 3, 293-297.	1.4	15
18	Quantitative Secretomic Analysis of <i>Trichoderma reesei</i> Strains Reveals Enzymatic Composition for Lignocellulosic Biomass Degradation. Molecular and Cellular Proteomics, 2012, 11, M111.012419-1-M111.012419-15.	2.5	126
19	A Novel Strategy to Construct Yeast <i>Saccharomyces cerevisiae</i> Strains for Very High Gravity Fermentation. PLoS ONE, 2012, 7, e31235.	1.1	69

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21	Modeling of Batch Alcohol Fermentation with Free and Immobilized Yeasts <i>Saccharomyces Cerevisiae</i> 46 EVD. <i>Biotechnology and Biotechnological Equipment</i> , 2012, 26, 3021-3030.	0.5	22
22	Separation of Hemicellulose by Hot-Water Extraction from Woody Biomass. , 2012, , 674-729.		0
23	Conventional process for ethanol production from Indian broken rice and pearl millet. <i>Bioprocess and Biosystems Engineering</i> , 2012, 35, 1297-1308.	1.7	29
24	Isobutanol production in engineered <i>Saccharomyces cerevisiae</i> by overexpression of 2-ketoisovalerate decarboxylase and valine biosynthetic enzymes. <i>Bioprocess and Biosystems Engineering</i> , 2012, 35, 1467-1475.	1.7	86
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27	Fractionation of sulphite spent liquor for biochemical processing using ion exchange resins. <i>Journal of Biotechnology</i> , 2012, 162, 415-421.	1.9	13
28	Storage of maitake mushroom (<i>Grifola frondosa</i>) culture medium after harvesting fruit bodies is an effective pretreatment for ethanol conversion. <i>Journal of Wood Science</i> , 2012, 58, 342-351.	0.9	5
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