

Selection and optimization of microbial hosts for biofuel

Metabolic Engineering

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Metabolic engineering of microorganisms for biofuels production: from bugs to synthetic biology to fuels. <i>Current Opinion in Biotechnology</i> , 2008, 19, 556-563.	3.3	535
2	Metabolic engineering: Enabling technology for biofuels production. <i>Metabolic Engineering</i> , 2008, 10, 293-294.	3.6	26
3	Metabolic engineering of <i>Saccharomyces cerevisiae</i> for the production of n-butanol. <i>Microbial Cell Factories</i> , 2008, 7, 36.	1.9	417
4	Expanding the repertoire of biofuel alternatives through metabolic pathway evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 965-966.	3.3	11
5	Growth and solvent production by <i>Clostridium pasteurianum</i> ATCC® 6013, utilizing biodiesel-derived crude glycerol as the sole carbon source. <i>Environmental Progress and Sustainable Energy</i> , 2009, 28, 100-110.	1.3	115
6	Engineering alternative butanol production platforms in heterologous bacteria. <i>Metabolic Engineering</i> , 2009, 11, 262-273.	3.6	350
7	Mechanisms of yeast stress tolerance and its manipulation for efficient fuel ethanol production. <i>Journal of Biotechnology</i> , 2009, 144, 23-30.	1.9	193
8	Microbial production of advanced transportation fuels in non-natural hosts. <i>Current Opinion in Biotechnology</i> , 2009, 20, 307-315.	3.3	182
9	Modular model-based design for heterologous bioproduction in bacteria. <i>Current Opinion in Biotechnology</i> , 2009, 20, 272-279.	3.3	14
10	Industrial biotechnology: Tools and applications. <i>Biotechnology Journal</i> , 2009, 4, 1725-1739.	1.8	85
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17	Bioethanol and biodiesel: Alternative liquid fuels for future generations. <i>Engineering in Life Sciences</i> , 2010, 10, 8-18.	2.0	117
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19	Advanced biofuel production in microbes. <i>Biotechnology Journal</i> , 2010, 5, 147-162.	1.8	331

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21	Achievements and perspectives to overcome the poor solvent resistance in acetone and butanol-producing microorganisms. <i>Applied Microbiology and Biotechnology</i> , 2010, 85, 1697-1712.	1.7	249
22	Biofuel production in <i>Escherichia coli</i> : the role of metabolic engineering and synthetic biology. <i>Applied Microbiology and Biotechnology</i> , 2010, 86, 419-434.	1.7	220
23	Reconstructing the clostridial n-butanol metabolic pathway in <i>Lactobacillus brevis</i> . <i>Applied Microbiology and Biotechnology</i> , 2010, 87, 635-646.	1.7	156
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31	Extraction of biofuels and biofeedstocks from aqueous solutions using ionic liquids. <i>Computers and Chemical Engineering</i> , 2010, 34, 1406-1412.	2.0	87
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