

Genetic Engineering of Algae for Enhanced Biofuel Production

Eukaryotic Cell

9, 486-501

DOI: [10.1128/ec.00364-09](https://doi.org/10.1128/ec.00364-09)

Citation Report

#	ARTICLE	IF	CITATIONS
1	International journal of the environment. Ceramurgia International, 1977, 3, 171-172.	0.3	2
2	System integration for producing microalgae as biofuel feedstock. Biofuels, 2010, 1, 889-910.	1.4	8
3	Increased Lipid Accumulation in the <i>Chlamydomonas reinhardtii</i> Starchless Isoamylase Mutant and Increased Carbohydrate Synthesis in Complemented Strains. Eukaryotic Cell, 2010, 9, 1251-1261.	3.4	317
4	Optimizing Antenna Size to Maximize Photosynthetic Efficiency. Plant Physiology, 2011, 155, 79-85.	2.3	266
5	Combinatorial Life Cycle Assessment to Inform Process Design of Industrial Production of Algal Biodiesel. Environmental Science & Technology, 2011, 45, 7060-7067.	4.6	318
6	High-efficiency homologous recombination in the oil-producing alga <i>Nannochloropsis</i> sp.. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 21265-21269.	3.3	394
7	Diatoms: Self assembled silicananostructures, and templates for bio/chemical sensors and biomimetic membranes. Analyst, The, 2011, 136, 42-53.	1.7	114
8	Improving biofuel production in phototrophic microorganisms with systems biology. Biofuels, 2011, 2, 125-144.	1.4	20
9	Algae Polar Lipids Characterized by Online Liquid Chromatography Coupled with Hybrid Linear Quadrupole Ion Trap/Fourier Transform Ion Cyclotron Resonance Mass Spectrometry. Energy & Fuels, 2011, 25, 4770-4775.	2.5	45
10	The production of the sesquiterpene \hat{I}^2 -caryophyllene in a transgenic strain of the cyanobacterium <i>Synechocystis</i> . Journal of Plant Physiology, 2011, 168, 848-852.	1.6	89
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16	Multiple facets of anoxic metabolism and hydrogen production in the unicellular green alga <i>Chlamydomonas reinhardtii</i> . New Phytologist, 2011, 190, 279-288.	3.5	94
17	A revised mineral nutrient supplement increases biomass and growth rate in <i>Chlamydomonas reinhardtii</i> . Plant Journal, 2011, 66, 770-780.	2.8	282
18	Production and harvesting of microalgae for wastewater treatment, biofuels, and bioproducts. Biotechnology Advances, 2011, 29, 686-702.	6.0	1,112

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20	Biodiesel production with microalgae as feedstock: from strains to biodiesel. <i>Biotechnology Letters</i> , 2011, 33, 1269-1284.	1.1	164
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30	Industrial fermentation of renewable diesel fuels. <i>Current Opinion in Biotechnology</i> , 2011, 22, 344-350.	3.3	56
31	Mechanism of lipid extraction from <i>Botryococcus braunii</i> FACHB 357 in a biphasic bioreactor. <i>Journal of Biotechnology</i> , 2011, 154, 281-284.	1.9	14
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36	Microbial paths to renewable hydrogen production. <i>Biofuels</i> , 2011, 2, 285-302.	1.4	77

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