

The impact of nitrogen starvation on the dynamics of tr microalgae strains

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Optimization of Extraction Conditions for Increasing Microalgal Lipid Yield by Using Accelerated Solvent Extraction Method (ASE) Based on the Orthogonal Array Design. , 2012, , .		2
2	Biofuels as a sustainable energy source: An update of the applications of proteomics in bioenergy crops and algae. Journal of Proteomics, 2013, 93, 234-244.	1.2	66
3	Optimization of light use efficiency for biofuel production in algae. Biophysical Chemistry, 2013, 182, 71-78.	1.5	125
4	A low-cost culture medium for the production of <i>Nannochloropsis gaditana</i> biomass optimized for aquaculture. Bioresource Technology, 2013, 144, 57-66.	4.8	50
5	Growth and pigment accumulation in nutrient-depleted <i>Isochrysis aff. galbana</i> T-ISO. Journal of Applied Phycology, 2013, 25, 1421-1430.	1.5	32
6	Simultaneous growth and neutral lipid accumulation in microalgae. Bioresource Technology, 2013, 134, 233-243.	4.8	180
7	Effects of calcium, magnesium and sodium chloride in enhancing lipid accumulation in two green microalgae. Environmental Technology (United Kingdom), 2013, 34, 1887-1894.	1.2	101
8	Proteomics Analysis of Oil Body-Associated Proteins in the Oleaginous Diatom. Journal of Proteome Research, 2013, 12, 5293-5301.	1.8	56
9	Neutral Lipid Content and Biomass Production in <i>Skeletonema marinoi</i> (Bacillariophyceae) Culture in Response to Nitrate Limitation. Applied Biochemistry and Biotechnology, 2013, 170, 1624-1636.	1.4	21
10	Food commodities from microalgae. Current Opinion in Biotechnology, 2013, 24, 169-177.	3.3	333
11	How metabolomics can contribute to bio-processes: a proof of concept study for biomarkers discovery in the context of nitrogen-starved microalgae grown in photobioreactors. Metabolomics, 2013, 9, 1286-1300.	1.4	25
12	Biomass and lipid productivity of <i>Neochloris oleoabundans</i> under alkalineâ€“saline conditions. Algal Research, 2013, 2, 204-211.	2.4	32
13	Systems-Level Analysis of Nitrogen Starvation-Induced Modifications of Carbon Metabolism in a <i>Chlamydomonas reinhardtii</i> Starchless Mutant. Plant Cell, 2013, 25, 4305-4323.	3.1	176
14	Rapid Detection and Quantification of Triacylglycerol by HPLCâ€“ELSD in <i>Chlamydomonas reinhardtii</i> and <i>Chlorella</i> Strains. Lipids, 2013, 48, 1035-1049.	0.7	34
15	Reconstruction of the lipid metabolism for the microalga <i>Monoraphidium neglectum</i> from its genome sequence reveals characteristics suitable for biofuel production. BMC Genomics, 2013, 14, 926.	1.2	84
16	Nitrogen Limitation in <i>Neochloris oleoabundans</i> : A Reassessment of Its Effect on Cell Growth and Biochemical Composition. Applied Biochemistry and Biotechnology, 2013, 171, 1775-1791.	1.4	18
17	Rapid determination of bulk microalgal biochemical composition by Fourier-Transform Infrared spectroscopy. Bioresource Technology, 2013, 148, 215-220.	4.8	139
18	Influence of nitrogen sources on biomass productivity of microalgae <i>Scenedesmus bijugatus</i> . Bioresource Technology, 2013, 131, 246-249.	4.8	141

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19	The Response of <i>Nannochloropsis gaditana</i> to Nitrogen Starvation Includes <i>De Novo</i> Biosynthesis of Triacylglycerols, a Decrease of Chloroplast Galactolipids, and Reorganization of the Photosynthetic Apparatus. <i>Eukaryotic Cell</i> , 2013, 12, 665-676.	3.4	301
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22	Modulating lipid accumulation and composition in microalgae by biphasic nitrogen supplementation. <i>Aquaculture</i> , 2013, 392-395, 69-76.	1.7	26
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24	Catalytic deoxygenation of microalgae oil to green hydrocarbons. <i>Green Chemistry</i> , 2013, 15, 1720.	4.6	285
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27	LC-PUFA-Enriched Oil Production by Microalgae: Accumulation of Lipid and Triacylglycerols Containing n-3 LC-PUFA Is Triggered by Nitrogen Limitation and Inorganic Carbon Availability in the Marine Haptophyte <i>Pavlova lutheri</i> . <i>Marine Drugs</i> , 2013, 11, 4246-4266.	2.2	97
28	Towards a sustainable approach for development of biodiesel from plant and microalgae. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 29, 216-245.	8.2	241
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38	Semicontinuous nitrogen limitation as convenient operation strategy to maximize fatty acid production in <i>Neochloris oleoabundans</i> . <i>Algal Research</i> , 2014, 5, 1-6.	2.4	31
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50	Superior triacylglycerol (TAG) accumulation in starchless mutants of <i>Scenedesmus obliquus</i> : (I) mutant generation and characterization. <i>Biotechnology for Biofuels</i> , 2014, 7, 69.	6.2	126
51	Superior triacylglycerol (TAG) accumulation in starchless mutants of <i>Scenedesmus obliquus</i> : (II) evaluation of TAG yield and productivity in controlled photobioreactors. <i>Biotechnology for Biofuels</i> , 2014, 7, 70.	6.2	84
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