

# Engineering a platform for photosynthetic isoprene production in *Synechocystis* as the model organism

Metabolic Engineering

12, 70-79

DOI: [10.1016/j.ymben.2009.10.001](https://doi.org/10.1016/j.ymben.2009.10.001)

Citation Report

#	ARTICLE	IF	CITATIONS
1	TECHNOLOGY UPDATE: Development of a gas-phase bioprocess for isoprene-monomer production using metabolic pathway engineering. <i>Industrial Biotechnology</i> , 2010, 6, 152-163.	0.5	184
2	Algal Photosynthesis as the Primary Driver for a Sustainable Development in Energy, Feed, and Food Production. <i>Marine Biotechnology</i> , 2010, 12, 619-629.	1.1	39
3	Engineering cyanobacteria for fuels and chemicals production. <i>Protein and Cell</i> , 2010, 1, 207-210.	4.8	42
4	Reconstruction and analysis of genome-scale metabolic model of a photosynthetic bacterium. <i>BMC Systems Biology</i> , 2010, 4, 156.	3.0	100
5	A perspective: Photosynthetic production of fatty acid-based biofuels in genetically engineered cyanobacteria. <i>Biotechnology Advances</i> , 2010, 28, 742-746.	6.0	103
6	The Metabolic Network of <i>Synechocystis</i> sp. PCC 6803: Systemic Properties of Autotrophic Growth. <i>Plant Physiology</i> , 2010, 154, 410-422.	2.3	173
7	Synthetic Biology Guides Biofuel Production. <i>Journal of Biomedicine and Biotechnology</i> , 2010, 2010, 1-9.	3.0	59
8	Combining metabolic and protein engineering of a terpenoid biosynthetic pathway for overproduction and selectivity control. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 13654-13659.	3.3	304
9	Engineered cyanobacteria: Teaching an old bug new tricks. <i>Bioengineered Bugs</i> , 2011, 2, 136-149.	2.0	92
10	Synthetic Biology in Cyanobacteria. <i>Methods in Enzymology</i> , 2011, 497, 539-579.	0.4	184
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15	Engineering cyanobacteria to generate high-value products. <i>Trends in Biotechnology</i> , 2011, 29, 95-103.	4.9	443
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17	Quantitative analysis of fatty-acid-based biofuels produced by wild-type and genetically engineered cyanobacteria by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2011, 1218, 8289-8293.	1.8	32
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20	Renewable energy from Cyanobacteria: energy production optimization by metabolic pathway engineering. <i>Applied Microbiology and Biotechnology</i> , 2011, 91, 471-490.	1.7	273
21	Reconstruction and verification of a genome-scale metabolic model for <i>Synechocystis</i> sp. PCC6803. <i>Applied Microbiology and Biotechnology</i> , 2011, 92, 347-358.	1.7	62
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