

There are no translations available.

Patents, Scientific Papers, European Projects, Link, acknowledgements, **M2M Engineering**

Patents

PATENT WO/2011/007250

Industrial Photobioreactor for industrial

PATENT RM2010A000297

Gas Injection System for Microalgae cultivation

PATENT RM2010A000394

Photobioreactor at low cost and high yield for microalgae industrial plant production

European Project □ □

FP7 - Specific Programme "Cooperation": Energy

Design, construction and demonstration of solar biofuel production using novel (photo)synthetic cell factories

<https://cordis.europa.eu/project/rcn/105960/en>

Enviromental Ministry Project

Pirode – Enviromental Ministry

Hydrogen production from renewables and its release on demand through chemical storage

Use of microalgae for hydrogen production and subsequent chemical storage

Scientific Papers

CyanoFactory, a European consortium to develop technologies needed to advance cyanobacteria as chassis for production of chemicals and fuels : doi.org/10.1016/j.algal.2019.101510

A predictive Decision Support System (DSS) for a microalgae production plant based on Internet of Things paradigm: doi.org/10.1016/j.procs.2017.08.316

A Monitoring, Modeling and Decision Support System (DSS) for a Microalgae Production Plant based on Internet of Things Structure: doi.org/10.1016/j.procs.2017.08.316

From microscopic scale to thousand liters industrial plant: Biological Modeling of unicellular microorganism as a tool to improve to improve management of a microalgae production plant doi: [10.1109/MetroAgriFor.2019.8909217](https://doi.org/10.1109/MetroAgriFor.2019.8909217) ; <https://ieeexplore.ieee.org/document/8909217>

TURBOGEN: Computer-controlled vertically oscillating grid system for small-scale turbulence studies on plankton: <https://aip.scitation.org/doi/10.1063/1.4944813> ; <https://doi.org/10.1063/1.4944813>

[](#) *Acknowledgments*

Hydrogen production with the microalga *Chlamydomonas reinhardtii* grown in a compact tubular photobioreactor immersed in a scattering light nanoparticle suspension:

doi.org/10.1016/j.ijhydene.2012.08.10

Advances in the biotechnology of hydrogen production with the microalga *Chlamydomonas reinhardtii*: doi.org/10.3109/07388551.2014.900734

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Link:

<https://www.nature.com/articles/s41598-017-03741-6>

<https://doi.org/10.1073/pnas.1018495108>

<https://www.pnas.org/content/suppl/2011/04/27/1018495108.dcsupplemental/pnas.201018495si.pdf#nameddest=stxt>

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<http://www.tandfonline.com/doi/abs/10.3109/07388551.2014.900734?src=recsys&journalCode=ibty20>

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https://link.springer.com/chapter/10.1007/978-3-319-21088-9_3

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http://cordis.europa.eu/project/rcn/105960_it.html

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 <http://www.acquacoltura.unina.it/notizie/fontana.pdf> □

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