

Andrea Meneghesso

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

658
citations

840776

11
h-index

794594

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19
all docs

19
docs citations

19
times ranked

1001
citing authors

#	ARTICLE	IF	CITATIONS
1	Flavodiiron proteins act as safety valve for electrons in <i>Physcomitrella patens</i> . Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12322-12327.	7.1	153
2	Light Remodels Lipid Biosynthesis in <i>Nannochloropsis gaditana</i> by Modulating Carbon Partitioning between Organelles. Plant Physiology, 2016, 171, 2468-2482.	4.8	106
3	Generation of random mutants to improve light-use efficiency of <i>Nannochloropsis gaditana</i> cultures for biofuel production. Biotechnology for Biofuels, 2015, 8, 161.	6.2	82
4	Dynamic reorganization of photosystem II supercomplexes in response to variations in light intensities. Biochimica Et Biophysica Acta - Bioenergetics, 2016, 1857, 1651-1660.	1.0	70
5	Mitochondria Affect Photosynthetic Electron Transport and Photosensitivity in a Green Alga. Plant Physiology, 2018, 176, 2305-2314.	4.8	39
6	Photoacclimation of photosynthesis in the Eustigmatophycean <i>Nannochloropsis gaditana</i> . Photosynthesis Research, 2016, 129, 291-305.	2.9	34
7	A model of chlorophyll fluorescence in microalgae integrating photoproduction, photoinhibition and photoregulation. Journal of Biotechnology, 2015, 194, 91-99.	3.8	29
8	Photosynthesis in extreme environments: responses to different light regimes in the Antarctic alga <i>Koliella antarctica</i> . Physiologia Plantarum, 2015, 153, 654-667.	5.2	29
9	Conservation of core complex subunits shaped the structure and function of photosystem I in the secondary endosymbiont alga <i>Nannochloropsis gaditana</i> . New Phytologist, 2017, 213, 714-726.	7.3	27
10	Effect of specific light supply rate on photosynthetic efficiency of <i>Nannochloropsis salina</i> in a continuous flat plate photobioreactor. Applied Microbiology and Biotechnology, 2015, 99, 8309-8318.	3.6	24
11	Plant biodiversity and regulation of photosynthesis in the natural environment. Planta, 2019, 249, 1217-1228.	3.2	20
12	High-Fidelity Modelling Methodology of Light-Limited Photosynthetic Production in Microalgae. PLoS ONE, 2016, 11, e0152387.	2.5	12
13	Semi-empirical modeling of microalgae photosynthesis in different acclimation states – Application to <i>N. gaditana</i> . Journal of Biotechnology, 2017, 259, 63-72.	3.8	10
14	Dynamics of soil prokaryotes catalyzing nitrification and denitrification in response to different fertilizers in a greenhouse experiment with <i>Cynodon dactylon</i> . European Journal of Soil Biology, 2016, 76, 83-91.	3.2	9
15	A Framework for the Dynamic Modelling of PI Curves in Microalgae. Computer Aided Chemical Engineering, 2015, , 2483-2488.	0.5	6
16	Response of Bacterial Communities upon Application of Different Innovative Organic Fertilizers in a Greenhouse Experiment Using Low-Nutrient Soil Cultivated with <i>Cynodon dactylon</i> . Soil Systems, 2018, 2, 52.	2.6	3
17	Modelling the photosynthetic electron transport chain in <i>Nannochloropsis gaditana</i> via exploitation of absorbance data. Algal Research, 2018, 33, 430-439.	4.6	3
18	A model-based investigation of genetically modified microalgae strains. Computer Aided Chemical Engineering, 2016, 38, 607-612.	0.5	1