

Andrea Meneghesso

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6688216/publications.pdf>

Version: 2024-02-01

18
papers

658
citations

840776

11
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

1001
citing authors

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