Graziella Chini Zittelli

List of Publications by Year
in descending order

21	3,894	759233 12	839539 18
papers	citations	h-index	g-index

22	22	22	4422
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microalgae for oil: Strain selection, induction of lipid synthesis and outdoor mass cultivation in a lowâ€cost photobioreactor. Biotechnology and Bioengineering, 2009, 102, 100-112.	3.3	2,628
2	Efficiency of sunlight utilization: Tubular versus flat photobioreactors. Biotechnology and Bioengineering, 1998, 57, 187-197.	3.3	264
3	Oil production by the marine microalgae Nannochloropsis sp. F&M-M24 and Tetraselmis suecica F&M-M33. Bioresource Technology, 2012, 114, 567-572.	9.6	206
4	Microalgae of interest as food source: Biochemical composition and digestibility. Algal Research, 2019, 42, 101617.	4.6	200
5	Productivity and photosynthetic efficiency of outdoor cultures of Tetraselmis suecica in annular columns. Aquaculture, 2006, 261, 932-943.	3.5	189
6	Title is missing!. Journal of Applied Phycology, 2000, 12, 521-526.	2.8	76
7	Mass cultivation of Nannochloropsis sp. in annular reactors. Journal of Applied Phycology, 2003, 15, 107-114.	2.8	70
8	Nannochloropsis sp. F&Mâ€M24: Oil production, effect of mixing on productivity and growth in an industrial wastewater. Environmental Progress and Sustainable Energy, 2013, 32, 846-853.	2.3	37
9	Outdoor cultivation ofArthrospira platensis during autumn and winter in temperate climates. Journal of Applied Phycology, 1996, 8, 293-301.	2.8	35
10	A simple method for rapid purification of phycobiliproteins from Arthrospira platensis and Porphyridium cruentum biomass. Algal Research, 2019, 44, 101685.	4.6	35
11	Photobioreactors for Microalgal Biofuel Production. , 2013, , 115-131.		32
12	Purification of phycocyanin from Arthrospira platensis by hydrophobic interaction membrane chromatography. Algal Research, 2018, 35, 333-340.	4.6	30
13	Preventive Effects of the Marine Microalga Phaeodactylum tricornutum, Used as a Food Supplement, on Risk Factors Associated with Metabolic Syndrome in Wistar Rats. Nutrients, 2019, 11, 1069.	4.1	25
14	Tubular Photobioreactors. , 2015, , 187-212.		15
15	Effects of medium salinity on growth and biochemical composition of the green microalga Tetraselmis suecica. Journal of Applied Phycology, 2021, 33, 3555-3563.	2.8	11
16	Effect of Carotenoids from Phaeodactylum tricornutum on Palmitate-Treated HepG2 Cells. Molecules, 2020, 25, 2845.	3.8	10
17	The Potential of the Marine Microalga Diacronema lutheri in the Prevention of Obesity and Metabolic Syndrome in High-Fat-Fed Wistar Rats. Molecules, 2022, 27, 4246.	3.8	8
18	Cell wall and organelle modifications during nitrogen starvation in Nannochloropsis oceanica F&M-M24. Journal of Applied Phycology, 2021, 33, 2069-2080.	2.8	7

#	Article	IF	Citations
19	A Tubular Integral Gas Exchange Photobioreactor for Biological Hydrogen Production. , 1998, , 391-401.		6
20	In situ monitoring of chlorophyll a fluorescence in Nannochloropsis oceanica cultures to assess photochemical changes and the onset of lipid accumulation during nitrogen deprivation. Biotechnology and Bioengineering, 2021, 118, 4375-4388.	3.3	4
21	Towards the Prediction of Favourable Conditions for the Harmful Algal Bloom Onset of Ostreopsis ovata in the Ligurian Sea Based on Satellite and Model Data. Journal of Marine Science and Engineering, 2022, 10, 461.	2.6	2