

Ã,ngelo Paggi Matos

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

720
citations

759233

12
h-index

752698

20
g-index

30
all docs

30
docs citations

30
times ranked

917
citing authors

#	ARTICLE	IF	CITATIONS
1	The Impact of Microalgae in Food Science and Technology. JAOCS, Journal of the American Oil Chemists' Society, 2017, 94, 1333-1350.	1.9	136
2	Chemical Characterization of Six Microalgae with Potential Utility for Food Application. JAOCS, Journal of the American Oil Chemists' Society, 2016, 93, 963-972.	1.9	117
3	Polyunsaturated ω -3 and ω -6 fatty acids, total carotenoids and antioxidant activity of three marine microalgae extracts obtained by supercritical CO ₂ and subcritical n-butane. Journal of Supercritical Fluids, 2018, 133, 437-443.	3.2	62
4	Effects of different photoperiod and trophic conditions on biomass, protein and lipid production by the marine alga <i>Nannochloropsis gaditana</i> at optimal concentration of desalination concentrate. Bioresource Technology, 2017, 224, 490-497.	9.6	55
5	Digestibility, bioaccessibility and bioactivity of compounds from algae. Trends in Food Science and Technology, 2022, 121, 114-128.	15.1	53
6	Biomass, lipid productivities and fatty acids composition of marine <i>Nannochloropsis gaditana</i> cultured in desalination concentrate. Bioresource Technology, 2015, 197, 48-55.	9.6	48
7	Optimization of biomass production of <i>Chlorella vulgaris</i> grown in desalination concentrate. Journal of Applied Phycology, 2015, 27, 1473-1483.	2.8	33
8	Effect of CO ₂ addition on treating anaerobically digested abattoir effluent (ADAE) using <i>Chlorella</i> sp. (Trebouxiophyceae). Journal of CO ₂ Utilization, 2020, 38, 273-281.	6.8	29
9	The use of desalination concentrate as a potential substrate for microalgae cultivation in Brazil. Algal Research, 2017, 24, 505-508.	4.6	24
10	Growing <i>Chlorella vulgaris</i> in Photobioreactor by Continuous Process Using Concentrated Desalination: Effect of Dilution Rate on Biochemical Composition. International Journal of Chemical Engineering, 2014, 2014, 1-6.	2.4	19
11	Microalgae as a Potential Source of Proteins. , 2019, , 63-96.		19
12	CULTIVATION OF <i>Chlorella vulgaris</i> IN MEDIUM SUPPLEMENTED WITH DESALINATION CONCENTRATE GROWN IN A PILOT-SCALE OPEN RACEWAY. Brazilian Journal of Chemical Engineering, 2018, 35, 1183-1192.	1.3	18
13	Anaerobic digestate abattoir effluent (ADAE), a suitable source of nutrients for <i>Arthrospira platensis</i> cultivation. Algal Research, 2021, 54, 102216.	4.6	17
14	Polyunsaturated fatty acids and nutritional quality of five freshwater fish species cultivated in the western region of Santa Catarina, Brazil. Brazilian Journal of Food Technology, 0, 22, .	0.8	16
15	FloculaÃ§Ã£o de <i>Chlorella</i> sp. produzida em concentrado de dessalinizaÃ§Ã£o e estudo de mÃ©todo de extraÃ§Ã£o de lipÃdeos intracelulares. Quimica Nova, 2014, 37, 44-49.	0.3	13
16	DISRUPTION OF <i>Nannochloropsis gaditana</i> (EUSTIGMATOPHYCEAE) RIGID CELL WALL BY NON-THERMAL PLASMA PRIOR TO LIPID EXTRACTION AND ITS EFFECT ON FATTY ACID COMPOSITION. Brazilian Journal of Chemical Engineering, 2019, 36, 1419-1428.	1.3	10
17	Synthetic Biology Category Wins the 350th Anniversary Merck Innovation Cup. Trends in Biotechnology, 2020, 38, 1-4.	9.3	9
18	Biopolishing sanitary landfill leachate via cultivation of lipid-rich <i>Scenedesmus</i> microalgae. Journal of Cleaner Production, 2021, 303, 127094.	9.3	9

#	ARTICLE	IF	CITATIONS
19	Desalination Concentrate Management and Valorization Methods. , 2018, , 351-399.		7
20	The Feasibility of Using Inland Desalination Concentrate (DC) as an Alternative Substrate for Spirulina platensis Mass Cultivation. Waste and Biomass Valorization, 2021, 12, 3193-3203.	3.4	7
21	Advances in Microalgal Research in Brazil. Brazilian Archives of Biology and Technology, 0, 64, .	0.5	7
22	Teores de proteÃnas e lipÃdeos de Chlorella sp. cultivada em concentrado de dessalinizaÃÃo residual. Ciencia Rural, 2015, 45, 364-370.	0.5	6
23	Tilapicultura em tanques-rede: uma realidade no Oeste Catarinense. AgropecuÃria Catarinense, 2018, 31, 37-41.	0.1	4
24	COMPARATIVE STUDY OF BIOCHEMICAL COMPOSITION OF FIVE MICROALGAE FOR BIODIESEL/BIOPRODUCTS APPLICATION. , 0, , .		1
25	AvaliaÃÃo do desidratado proteico de peixes (DPP) como ingrediente para alimentaÃÃo de juvenis de tilÃpias. AgropecuÃria Catarinense, 2022, 35, 40-42.	0.1	1
26	RESUMO DE TESE: ALGAS CULTIVATION, CHARACTERIZATION AND PROCESSING TECHNIQUES. Mix SustentÃvel, 2020, 6, 201-202.	0.0	0
27	INFLUÃNCIA DA SALINIDADE NA PRODUÃÃO DE BIOMASSA E DE LIPÃDIOS DURANTE O CULTIVO DAS MICROALGAS Tetraselmis gracilis E Phaeodactylum tricornutum. Revista GestÃo & Sustentabilidade Ambiental, 2020, 9, 140.	0.1	0
28	DinÃmica de populaÃÃes aplicada ao cultivo da carpa comum â€“ Capacidade de suporte. AgropecuÃria Catarinense, 2021, 34, 16-19.	0.1	0