

Francisco J Choix

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Chemical and Physical Affinity of Microalgae–Azospirillum Consortium Co-cultured in Suspension During CO ₂ Fixation from Biogas. <i>Bioenergy Research</i> , 2023, 16, 579-592.	2.2	3
2	Active indole-3-acetic acid biosynthesis by the bacterium <i>Azospirillum brasilense</i> cultured under a biogas atmosphere enables its beneficial association with microalgae. <i>Journal of Applied Microbiology</i> , 2022, 132, 3650-3663.	1.4	5
3	Mixotrophic growth regime as a strategy to develop microalgal bioprocess from nutritional composition of tequila vinasses. <i>Bioprocess and Biosystems Engineering</i> , 2021, 44, 1155-1166.	1.7	4
4	Root biomass and productivity in subtropical arid mangroves from the Gulf of California. <i>Rhizosphere</i> , 2021, 18, 100356.	1.4	6
5	<i>Azospirillum brasilense</i> -microalga interaction increases growth and accumulation of cell compounds in <i>Chlorella vulgaris</i> and <i>Tetrademus obliquus</i> cultured under nitrogen stress. <i>Journal of Applied Phycology</i> , 2019, 31, 3465-3477.	1.5	14
6	Biotechnological potential of <i>Chlorella</i> sp. and <i>Scenedesmus</i> sp. microalgae to endure high CO ₂ and methane concentrations from biogas. <i>Bioprocess and Biosystems Engineering</i> , 2019, 42, 1603-1610.	1.7	18
7	Production and biomass of mangrove roots in relation to hydroperiod and physico-chemical properties of sediment and water in the Mecoacan Lagoon, Gulf of Mexico. <i>Wetlands Ecology and Management</i> , 2019, 27, 427-442.	0.7	10
8	<i>Azospirillum brasilense</i> Increases CO ₂ Fixation on Microalgae <i>Scenedesmus obliquus</i> , <i>Chlorella vulgaris</i> , and <i>Chlamydomonas reinhardtii</i> Cultured on High CO ₂ Concentrations. <i>Microbial Ecology</i> , 2018, 76, 430-442.	1.4	32
9	High biomass production and CO ₂ fixation from biogas by <i>Chlorella</i> and <i>Scenedesmus</i> microalgae using tequila vinasses as culture medium. <i>Journal of Applied Phycology</i> , 2018, 30, 2247-2258.	1.5	21
10	Mangrove Productivity and Phenology in Relation to Hydroperiod and Physical–Chemistry Properties of Water and Sediment in Biosphere Reserve, Centla Wetland, Mexico. <i>Tropical Conservation Science</i> , 2018, 11, 194008291880518.	0.6	12
11	CO ₂ Removal from Biogas by Cyanobacterium <i>Leptolyngbya</i> sp. CChF1 Isolated from the Lake Chapala, Mexico: Optimization of the Temperature and Light Intensity. <i>Applied Biochemistry and Biotechnology</i> , 2017, 183, 1304-1322.	1.4	13
12	Nutrient composition of culture media induces different patterns of CO ₂ fixation from biogas and biomass production by the microalga <i>Scenedesmus obliquus</i> U169. <i>Bioprocess and Biosystems Engineering</i> , 2017, 40, 1733-1742.	1.7	19
13	Influence of tryptophan and indole-3-acetic acid on starch accumulation in the synthetic mutualistic <i>Chlorella sorokiniana</i> – <i>Azospirillum brasilense</i> system under heterotrophic conditions. <i>Research in Microbiology</i> , 2016, 167, 367-379.	1.0	33
14	Enhanced activity of ADP glucose pyrophosphorylase and formation of starch induced by <i>Azospirillum brasilense</i> in <i>Chlorella vulgaris</i> . <i>Journal of Biotechnology</i> , 2014, 177, 22-34.	1.9	46
15	Enhanced accumulation of starch and total carbohydrates in alginate-immobilized <i>Chlorella</i> spp. induced by <i>Azospirillum brasilense</i> : II. Heterotrophic conditions. <i>Enzyme and Microbial Technology</i> , 2012, 51, 300-309.	1.6	80
16	Enhanced accumulation of starch and total carbohydrates in alginate-immobilized <i>Chlorella</i> spp. induced by <i>Azospirillum brasilense</i> : I. Autotrophic conditions. <i>Enzyme and Microbial Technology</i> , 2012, 51, 294-299.	1.6	58