

Eugenia J OlguÃ-n

List of Publications by Year in descending order

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28
papers

1,729
citations

394421

19
h-index

526287

27
g-index

30
all docs

30
docs citations

30
times ranked

2065
citing authors

#	ARTICLE	IF	CITATIONS
1	Pontederia sagittata and Cyperus papyrus contribution to carbon storage in floating treatment wetlands established in subtropical urban ponds. <i>Science of the Total Environment</i> , 2022, 832, 154990.	8.0	8
2	Carbon speciation and flocculation in <i>Neochloris oleoabundans</i> cultures using anaerobically digested stillage. <i>World Journal of Microbiology and Biotechnology</i> , 2019, 35, 14.	3.6	1
3	Continuous dye adsorption and desorption on an invasive macrophyte (<i>Salvinia minima</i>). <i>Environmental Science and Pollution Research</i> , 2019, 26, 5955-5970.	5.3	11
4	Mixotrophic cultivation of <i>Chlorococcum</i> sp. under non-controlled conditions using a digestate from pig manure within a biorefinery. <i>Journal of Applied Phycology</i> , 2018, 30, 2847-2857.	2.8	22
5	Biotechnology: a highly efficient tool for the current environmental challenges. <i>Science of the Total Environment</i> , 2018, 616-617, 1664-1667.	8.0	1
6	Long-term assessment at field scale of Floating Treatment Wetlands for improvement of water quality and provision of ecosystem services in a eutrophic urban pond. <i>Science of the Total Environment</i> , 2017, 584-585, 561-571.	8.0	72
7	Year-round phytofiltration lagoon assessment using <i>Pistia stratiotes</i> within a pilot-plant scale biorefinery. <i>Science of the Total Environment</i> , 2017, 592, 326-333.	8.0	36
8	Dual Purpose System for Water Treatment From a Polluted River and the Production of <i>Pistia stratiotes</i> Biomass Within a Biorefinery. <i>Clean - Soil, Air, Water</i> , 2015, 43, 1514-1521.	1.1	15
9	Anaerobic digestates from vinasse promote growth and lipid enrichment in <i>Neochloris oleoabundans</i> cultures. <i>Journal of Applied Phycology</i> , 2015, 27, 1813-1822.	2.8	32
10	Dual purpose system that treats anaerobic effluents from pig waste and produce <i>Neochloris oleoabundans</i> as lipid rich biomass. <i>New Biotechnology</i> , 2015, 32, 387-395.	4.4	25
11	Color Removal from Anaerobically Digested Sugar Cane Stillage by Biomass from Invasive Macrophytes. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	2.4	7
12	Microbial fixation of CO ₂ in water bodies and in drylands to combat climate change, soil loss and desertification. <i>New Biotechnology</i> , 2015, 32, 109-120.	4.4	59
13	Cascading impacts of anthropogenically driven habitat loss: deforestation, flooding, and possible lead poisoning in howler monkeys (<i>Alouatta pigra</i>). <i>Primates</i> , 2015, 56, 29-35.	1.1	12
14	Leaves and Roots of <i>Pistia stratiotes</i> as Sorbent Materials for the Removal of Crude Oil from Saline Solutions. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.	2.4	22
15	Heavy metal removal in phytofiltration and phycoremediation: the need to differentiate between bioadsorption and bioaccumulation. <i>New Biotechnology</i> , 2012, 30, 3-8.	4.4	170
16	Dual purpose microalgae-bacteria-based systems that treat wastewater and produce biodiesel and chemical products within a Biorefinery. <i>Biotechnology Advances</i> , 2012, 30, 1031-1046.	11.7	387
17	Aquatic phytoremediation: Novel insights in tropical and subtropical regions. <i>Pure and Applied Chemistry</i> , 2010, 82, 27-38.	1.9	32
18	Assessment of the Hyperaccumulating Lead Capacity of <i>Salvinia minima</i> Using Bioadsorption and Intracellular Accumulation Factors. <i>Water, Air, and Soil Pollution</i> , 2008, 194, 77-90.	2.4	53

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19	Leaching of lead by ammonium salts and EDTA from <i>Salvinia minima</i> biomass produced during aquatic phytoremediation. <i>Journal of Hazardous Materials</i> , 2008, 154, 623-632.	12.4	35
20	Constructed wetland mesocosms for the treatment of diluted sugarcane molasses stillage from ethanol production using <i>Pontederia sagittata</i> . <i>Water Research</i> , 2008, 42, 3659-3666.	11.3	45
21	Bioadsorption and intracellular accumulation factors of lead in constructed wetlands microcosms with <i>Salvinia minima</i> operating continuously: The effect of light intensity. <i>Journal of Biotechnology</i> , 2008, 136, S707.	3.8	0
22	Assessment of the Phytoremediation Potential of <i>Salvinia minima</i> Baker Compared to <i>Spirodela polyrrhiza</i> in High-strength Organic Wastewater. <i>Water, Air, and Soil Pollution</i> , 2007, 181, 135-147.	2.4	35
23	Surface adsorption, intracellular accumulation and compartmentalization of Pb(II) in batch-operated lagoons with <i>Salvinia minima</i> as affected by environmental conditions, EDTA and nutrients. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2005, 32, 577-586.	3.0	37
24	Cleaner production and environmentally sound biotechnology for the prevention of upstream nutrient pollution in the Mexican coast of the Gulf of México. <i>Ocean and Coastal Management</i> , 2004, 47, 641-670.	4.4	22
25	Annual productivity of <i>Spirulina</i> (<i>Arthrospira</i>) and nutrient removal in a pig wastewater recycling process under tropical conditions. <i>Journal of Applied Phycology</i> , 2003, 15, 249-257.	2.8	213
26	Phycoremediation: key issues for cost-effective nutrient removal processes. <i>Biotechnology Advances</i> , 2003, 22, 81-91.	11.7	335
27	Accelerated coffee pulp composting. <i>Biodegradation</i> , 1999, 10, 35-41.	3.0	13
28	Resource recovery through recycling of sugar processing by-products and residuals. <i>Resources, Conservation and Recycling</i> , 1995, 15, 85-94.	10.8	28