

# Ariel E Turcios

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7188591/publications.pdf>

Version: 2024-02-01

17  
papers

412  
citations

1040056

9  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

574  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustainable Treatment of Aquaculture Effluents – What Can We Learn from the Past for the Future?. Sustainability, 2014, 6, 836-856.	3.2	221
2	Removal of inert COD and trace metals from stabilized landfill leachate by granular activated carbon (GAC) adsorption. Journal of Environmental Management, 2018, 228, 189-196.	7.8	48
3	Halophyte Plants and Their Residues as Feedstock for Biogas Production – Chances and Challenges. Applied Sciences (Switzerland), 2021, 11, 2746.	2.5	18
4	Potassium, an important element to improve water use efficiency and growth parameters in quinoa ( <i>Chenopodium quinoa</i> ) under saline conditions. Journal of Agronomy and Crop Science, 2021, 207, 618-630.	3.5	16
5	Potential use of the facultative halophyte <i>Chenopodium quinoa</i> Willd. as substrate for biogas production cultivated with different concentrations of sodium chloride under hydroponic conditions. Bioresource Technology, 2016, 203, 272-279.	9.6	14
6	Effect of salt and sodium concentration on the anaerobic methanisation of the halophyte <i>Tripolium pannonicum</i> . Biomass and Bioenergy, 2016, 87, 69-77.	5.7	12
7	From natural habitats to successful application - Role of halophytes in the treatment of saline wastewater in constructed wetlands with a focus on Latin America. Environmental and Experimental Botany, 2021, 190, 104583.	4.2	12
8	High-rate anaerobic treatment of wastewater from soft drink industry: Methods, performance and experiences. Journal of Environmental Management, 2018, 220, 8-15.	7.8	11
9	Uptake and biodegradation of the antimicrobial sulfadimidine by the species <i>Tripolium pannonicum</i> acting as biofilter and its further biodegradation by anaerobic digestion and concomitant biogas production. Bioresource Technology, 2016, 219, 687-693.	9.6	10
10	Biofiltration of the antibacterial drug sulfamethazine by the species <i>Chenopodium quinoa</i> and its further biodegradation through anaerobic digestion. Journal of Environmental Sciences, 2019, 75, 54-63.	6.1	10
11	Enzymatic degradation of the antibiotic sulfamethazine by using crude extracts of different halophytic plants. International Journal of Phytoremediation, 2019, 21, 1104-1111.	3.1	9
12	Differential effects of NaCl and Na <sub>2</sub> SO <sub>4</sub> on the halophyte <i>Prosopis strombulifera</i> are explained by different responses of photosynthesis and metabolism. Plant Physiology and Biochemistry, 2019, 141, 306-314.	5.8	7
13	The Levels of Sulfur-containing Metabolites in <i>Brassica napus</i> are Not Influenced by the Circadian Clock but Diurnally. Journal of Plant Biology, 2019, 62, 359-373.	2.1	6
14	Screening of Emerging Pollutants (EPs) in Estuarine Water and Phytoremediation Capacity of <i>Tripolium pannonicum</i> under Controlled Conditions. International Journal of Environmental Research and Public Health, 2021, 18, 943.	2.6	6
15	Halophytes as Feedstock for Biogas Production: Composition Analysis and Biomethane Potential of <i>Salicornia</i> spp. Plant Material from Hydroponic and Seawater Irrigation Systems. Fermentation, 2022, 8, 189.	3.0	6
16	Bioaccumulation of metals and granular sludge development in a newly-inoculated high rate anaerobic reactor. Bioresource Technology Reports, 2018, 3, 119-126.	2.7	5
17	Relevance of nitrogen availability on the phytochemical properties of <i>Chenopodium quinoa</i> cultivated in marine hydroponics as a functional food. Scientia Horticulturae, 2022, 291, 110524.	3.6	1