Luis Sandoval

List of Publications by Year
in descending order

25 papers	414 citations	933264 10 h-index	752573 20 g-index
26 all docs	26 docs citations	26 times ranked	343 citing authors

#	Article	IF	Citations
1	Role of Wetland Plants and Use of Ornamental Flowering Plants in Constructed Wetlands for Wastewater Treatment: A Review. Applied Sciences (Switzerland), 2019, 9, 685.	1.3	104
2	Effects of the Use of Ornamental Plants and Different Substrates in the Removal of Wastewater Pollutants through Microcosms of Constructed Wetlands. Sustainability, 2018, 10, 1594.	1.6	45
3	Commercial Thermal Technologies for Desalination of Water from Renewable Energies: A State of the Art Review. Processes, 2021, 9, 262.	1.3	42
4	Factors Affecting Wetland Loss: A Review. Land, 2022, 11, 434.	1.2	32
5	Wastewater Treatment by Constructed Wetland Eco-Technology: Influence of Mineral and Plastic Materials as Filter Media and Tropical Ornamental Plants. Water (Switzerland), 2019, 11, 2344.	1.2	26
6	Sustainable Development of Concrete through Aggregates and Innovative Materials: A Review. Applied Sciences (Switzerland), 2021, 11, 629.	1.3	24
7	Impact of Ornamental Vegetation Type and Different Substrate Layers on Pollutant Removal in Constructed Wetland Mesocosms Treating Rural Community Wastewater. Processes, 2019, 7, 531.	1.3	18
8	Effect of Ornamental Plants, Seasonality, and Filter Media Material in Fill-and-Drain Constructed Wetlands Treating Rural Community Wastewater. Sustainability, 2019, 11, 2350.	1.6	15
9	Evaluation of Wastewater Treatment by Microcosms of Vertical Subsurface Wetlands in Partially Saturated Conditions Planted with Ornamental Plants and Filled with Mineral and Plastic Substrates. International Journal of Environmental Research and Public Health, 2019, 16, 167.	1.2	14
10	Nitrogen Removal from Domestic Wastewater and the Development of Tropical Ornamental Plants in Partially Saturated Mesocosm-Scale Constructed Wetlands. International Journal of Environmental Research and Public Health, 2019, 16, 4800.	1.2	13
11	Adjustment of the Standardized Precipitation Index (SPI) for the Evaluation of Drought in the Arroyo PechelÃn Basin, Colombia, under Zero Monthly Precipitation Conditions. Atmosphere, 2022, 13, 236.	1.0	10
12	Effects of Ornamental Plant Density and Mineral/Plastic Media on the Removal of Domestic Wastewater Pollutants by Home Wetlands Technology. Molecules, 2020, 25, 5273.	1.7	9
13	Effect of Spathiphyllum blandum on the removal of ibuprofen and conventional pollutants from polluted river water, in fully saturated constructed wetlands at mesocosm level. Journal of Water and Health, 2020, 18, 224-228.	1.1	8
14	Factors That Limit the Adoption of Biofloc Technology in Aquaculture Production in Mexico. Water (Switzerland), 2020, 12, 2775.	1.2	7
15	Influence of a new ornamental species (Spathiphyllum blandum) on the removal of COD, nitrogen, phosphorus and fecal coliforms: a mesocosm wetland study with PET and tezontle substrates. Water Science and Technology, 2020, 81, 961-970.	1.2	7
16	Environmental, Economic, and Social Potentialities of Ornamental Vegetation Cultivated in Constructed Wetlands of Mexico. Sustainability, 2021, 13, 6267.	1.6	6
17	Bioelectricity Generation and Production of Ornamental Plants in Vertical Partially Saturated Constructed Wetlands. Water (Switzerland), 2021, 13, 143.	1.2	6
18	Plant Biomass Production in Constructed Wetlands Treating Swine Wastewater in Tropical Climates. Fermentation, 2021, 7, 296.	1.4	6

#	Article	IF	Citations
19	Proposal of Ecotechnologies for Tilapia (Oreochromis niloticus) Production in Mexico: Economic, Environmental, and Social Implications. Sustainability, 2021, 13, 6853.	1.6	5
20	Treatment of swine effluent mixed with domestic wastewater and vegetation development in monoculture and polyculture horizontal subsurface flow wetlands. Ecological Engineering, 2021, 173, 106432.	1.6	5
21	Evaluation of the Removal of Organic Matter and Nutrients in the Co-Treatment of Fruit and Vegetable Waste Using a Bioreactor-Constructed Wetlands System. Processes, 2022, 10, 278.	1.3	5
22	A Review of the Presence of SARS-CoV-2 in Wastewater: Transmission Risks in Mexico. International Journal of Environmental Research and Public Health, 2022, 19, 8354.	1.2	5
23	Carbon Fluxes and Stocks by Mexican Tropical Forested Wetland Soils: A Critical Review of Its Role for Climate Change Mitigation. International Journal of Environmental Research and Public Health, 2020, 17, 7372.	1.2	2
24	Bayesian Approach to Analyze Reading Comprehension: A Case Study in Elementary School Children in Mexico. Sustainability, 2021, 13, 4285.	1.6	0
25	Carbon Pool in Mexican Wetland Soils: Importance of the Environmental Service. Life, 2022, 12, 1032.	1.1	0