

Luis Sandoval

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

414
citations

933447

10
h-index

752698

20
g-index

26
all docs

26
docs citations

26
times ranked

343
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of the Removal of Organic Matter and Nutrients in the Co-Treatment of Fruit and Vegetable Waste Using a Bioreactor-Constructed Wetlands System. <i>Processes</i> , 2022, 10, 278.	2.8	5
2	Adjustment of the Standardized Precipitation Index (SPI) for the Evaluation of Drought in the Arroyo Pechel�n Basin, Colombia, under Zero Monthly Precipitation Conditions. <i>Atmosphere</i> , 2022, 13, 236.	2.3	10
3	Factors Affecting Wetland Loss: A Review. <i>Land</i> , 2022, 11, 434.	2.9	32
4	A Review of the Presence of SARS-CoV-2 in Wastewater: Transmission Risks in Mexico. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 8354.	2.6	5
5	Carbon Pool in Mexican Wetland Soils: Importance of the Environmental Service. <i>Life</i> , 2022, 12, 1032.	2.4	0
6	Bayesian Approach to Analyze Reading Comprehension: A Case Study in Elementary School Children in Mexico. <i>Sustainability</i> , 2021, 13, 4285.	3.2	0
7	Environmental, Economic, and Social Potentialities of Ornamental Vegetation Cultivated in Constructed Wetlands of Mexico. <i>Sustainability</i> , 2021, 13, 6267.	3.2	6
8	Proposal of Ecotechnologies for Tilapia (<i>Oreochromis niloticus</i>) Production in Mexico: Economic, Environmental, and Social Implications. <i>Sustainability</i> , 2021, 13, 6853.	3.2	5
9	Treatment of swine effluent mixed with domestic wastewater and vegetation development in monoculture and polyculture horizontal subsurface flow wetlands. <i>Ecological Engineering</i> , 2021, 173, 106432.	3.6	5
10	Sustainable Development of Concrete through Aggregates and Innovative Materials: A Review. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 629.	2.5	24
11	Commercial Thermal Technologies for Desalination of Water from Renewable Energies: A State of the Art Review. <i>Processes</i> , 2021, 9, 262.	2.8	42
12	Bioelectricity Generation and Production of Ornamental Plants in Vertical Partially Saturated Constructed Wetlands. <i>Water (Switzerland)</i> , 2021, 13, 143.	2.7	6
13	Plant Biomass Production in Constructed Wetlands Treating Swine Wastewater in Tropical Climates. <i>Fermentation</i> , 2021, 7, 296.	3.0	6
14	Factors That Limit the Adoption of Biofloc Technology in Aquaculture Production in Mexico. <i>Water (Switzerland)</i> , 2020, 12, 2775.	2.7	7
15	Effects of Ornamental Plant Density and Mineral/Plastic Media on the Removal of Domestic Wastewater Pollutants by Home Wetlands Technology. <i>Molecules</i> , 2020, 25, 5273.	3.8	9
16	Carbon Fluxes and Stocks by Mexican Tropical Forested Wetland Soils: A Critical Review of Its Role for Climate Change Mitigation. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7372.	2.6	2
17	Influence of a new ornamental species (<i>Spathiphyllum blandum</i>) on the removal of COD, nitrogen, phosphorus and fecal coliforms: a mesocosm wetland study with PET and tezontle substrates. <i>Water Science and Technology</i> , 2020, 81, 961-970.	2.5	7
18	Effect of <i>Spathiphyllum blandum</i> on the removal of ibuprofen and conventional pollutants from polluted river water, in fully saturated constructed wetlands at mesocosm level. <i>Journal of Water and Health</i> , 2020, 18, 224-228.	2.6	8

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19	Impact of Ornamental Vegetation Type and Different Substrate Layers on Pollutant Removal in Constructed Wetland Mesocosms Treating Rural Community Wastewater. <i>Processes</i> , 2019, 7, 531.	2.8	18
20	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. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 167.	2.6	14
21	Effect of Ornamental Plants, Seasonality, and Filter Media Material in Fill-and-Drain Constructed Wetlands Treating Rural Community Wastewater. <i>Sustainability</i> , 2019, 11, 2350.	3.2	15
22	Role of Wetland Plants and Use of Ornamental Flowering Plants in Constructed Wetlands for Wastewater Treatment: A Review. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 685.	2.5	104
23	Wastewater Treatment by Constructed Wetland Eco-Technology: Influence of Mineral and Plastic Materials as Filter Media and Tropical Ornamental Plants. <i>Water (Switzerland)</i> , 2019, 11, 2344.	2.7	26
24	Nitrogen Removal from Domestic Wastewater and the Development of Tropical Ornamental Plants in Partially Saturated Mesocosm-Scale Constructed Wetlands. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4800.	2.6	13
25	Effects of the Use of Ornamental Plants and Different Substrates in the Removal of Wastewater Pollutants through Microcosms of Constructed Wetlands. <i>Sustainability</i> , 2018, 10, 1594.	3.2	45