

Sergio Aurelio Zamora-Castro

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

372
citations

1039880

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887953

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20
all docs

20
docs citations

20
times ranked

387
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.3	104
2	Recent Progress in Nanomaterials for Modern Concrete Infrastructure: Advantages and Challenges. <i>Materials</i> , 2019, 12, 3548.	1.3	76
3	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.	1.6	45
4	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.	1.2	26
5	Sustainable Development of Concrete through Aggregates and Innovative Materials: A Review. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 629.	1.3	24
6	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.	1.3	18
7	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.	1.6	15
8	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.	1.2	14
9	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.	1.7	9
10	Optimized Design of a Swirler for a Combustion Chamber of Non-Premixed Flame Using Genetic Algorithms. <i>Energies</i> , 2020, 13, 2240.	1.6	9
11	Fractal Mapping of Pore and Solid Attributes. <i>Vadose Zone Journal</i> , 2008, 7, 473-492.	1.3	8
12	Probability density function: A tool for simultaneous monitoring of pore/solid roughness and moisture content. <i>Geoderma</i> , 2010, 160, 93-104.	2.3	6
13	Environmental, Economic, and Social Potentialities of Ornamental Vegetation Cultivated in Constructed Wetlands of Mexico. <i>Sustainability</i> , 2021, 13, 6267.	1.6	6
14	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.	1.2	5
15	Indirect Monitoring Cane Sugar Crystallization via Image Fractal Analysis. <i>Computacion Y Sistemas</i> , 2018, 22, .	0.2	3
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.	1.2	2
17	Reliability Analysis of Prestressed Concrete Bridges in Mexico: Assessment and Live Load Factors Proposal. <i>International Journal of Civil Engineering</i> , 2021, 19, 481-499.	0.9	2
18	Thermal Storage Systems Assessment for Energy Sustainability in Housing Units. <i>Sustainability</i> , 2016, 8, 413.	1.6	0

#	ARTICLE	IF	CITATIONS
19	Carbon Pool in Mexican Wetland Soils: Importance of the Environmental Service. <i>Life</i> , 2022, 12, 1032.	1.1	0