

Mario Esparza-Soto

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,025
citations

840776

11
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

1558
citing authors

#	ARTICLE	IF	CITATIONS
1	Photo-electrooxidation treatment of Acetaminophen in aqueous solution using BDD-Fe and BDD-Cu systems. <i>Environmental Technology (United Kingdom)</i> , 2022, 43, 1189-1199.	2.2	7
2	Photolysis and heterogeneous solar photo-Fenton for slaughterhouse wastewater treatment using an electrochemically modified zeolite as catalyst. <i>Separation Science and Technology</i> , 2022, 57, 822-841.	2.5	7
3	Decision Making Model for Municipal Wastewater Conventional Secondary Treatment with Bayesian Networks. <i>Water (Switzerland)</i> , 2022, 14, 1231.	2.7	1
4	Oxidation of N-acetyl-para-aminophenol (acetaminophen) by a galvanic Fenton and solar galvanic Fenton processes. <i>Solar Energy</i> , 2020, 199, 731-741.	6.1	9
5	Biodegradability index enhancement of landfill leachates using a Solar Galvanic-Fenton and Galvanic-Fenton system coupled to an anaerobic-aerobic bioreactor. <i>Solar Energy</i> , 2019, 188, 989-1001.	6.1	16
6	Anaerobic treatment of chocolate-processing industry wastewater at different organic loading rates and temperatures. <i>Water Science and Technology</i> , 2019, 79, 2251-2259.	2.5	8
7	TRATAMIENTO DE UN AGUA RESIDUAL INDUSTRIAL A TEMPERATURA PSICROFÍSICA CON UN REACTOR UASB. <i>Revista Internacional De Contaminacion Ambiental</i> , 2019, 35, 905-915.	0.4	2
8	Peroxicoagulation and Solar Peroxicoagulation for Landfill Leachate Treatment Using a Cu-Fe System. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 1.	2.4	9
9	Activated sludge with low solids production: modified ASM1 modeling and simulation. <i>Desalination and Water Treatment</i> , 2014, , 1-12.	1.0	1
10	Treatment of a chocolate industry wastewater in a pilot-scale low-temperature UASB reactor operated at short hydraulic and sludge retention time. <i>Water Science and Technology</i> , 2013, 67, 1353-1361.	2.5	12
11	Tracer test and hydraulics modeling of a large WWTP. <i>Water Practice and Technology</i> , 2012, 7, .	2.0	1
12	Initial-rate based method for estimating the maximum heterotrophic growth rate parameter ($\hat{\mu}_{Hmax}$). <i>Bioresource Technology</i> , 2012, 116, 126-132.	9.6	6
13	Spectrometric characterization of effluent organic matter of a sequencing batch reactor operated at three sludge retention times. <i>Water Research</i> , 2011, 45, 6555-6563.	11.3	55
14	Anaerobic treatment of a medium strength industrial wastewater at low-temperature and short hydraulic retention time: a pilot-scale experience. <i>Water Science and Technology</i> , 2011, 64, 1629-1635.	2.5	14
15	Growth parameters of microalgae tolerant to high levels of carbon dioxide in batch and continuous-flow photobioreactors. <i>Environmental Technology (United Kingdom)</i> , 2010, 31, 523-532.	2.2	63
16	Full activated sludge model no. 1 calibration experience at a medium-size WWTP in Mexico. <i>Water Science and Technology</i> , 2009, 60, 3069-3082.	2.5	8
17	Occurrence and removal of dissolved organic nitrogen in US water treatment plants. <i>Journal - American Water Works Association</i> , 2006, 98, 102-110.	0.3	69
18	Transformation of Molecular Weight Distributions of Dissolved Organic Carbon and UV-Absorbing Compounds at Full-Scale Wastewater-Treatment Plants. <i>Water Environment Research</i> , 2006, 78, 253-262.	2.7	14

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19	Comparison of Dissolved-Organic-Carbon Residuals from Air- and Pure-Oxygen-Activated-Sludge Sequencing-Batch Reactors. <i>Water Environment Research</i> , 2006, 78, 321-329.	2.7	4
20	Characteristics and Reactivity of Algae-Produced Dissolved Organic Carbon. <i>Journal of Environmental Engineering, ASCE</i> , 2005, 131, 1574-1582.	1.4	219
21	Biosorption of humic and fulvic acids to live activated sludge biomass. <i>Water Research</i> , 2003, 37, 2301-2310.	11.3	121
22	HPLC-fluorescence detection and adsorption of bisphenol A, 17 β -estradiol, and 17 α -ethynyl estradiol on powdered activated carbon. <i>Water Research</i> , 2003, 37, 3530-3537.	11.3	268
23	Fluorescence Analysis of a Standard Fulvic Acid and Tertiary Treated Wastewater. <i>Journal of Environmental Quality</i> , 2001, 30, 2037-2046.	2.0	111