

Ciro Fernando Bustillo Lecompte

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,160
citations

516561

16
h-index

677027

22
g-index

28
all docs

28
docs citations

28
times ranked

1325
citing authors

#	ARTICLE	IF	CITATIONS
1	Slaughterhouse wastewater characteristics, treatment, and management in the meat processing industry: A review on trends and advances. <i>Journal of Environmental Management</i> , 2015, 161, 287-302.	3.8	282
2	Sources, characteristics, toxicity, and control of ultrafine particles: An overview. <i>Geoscience Frontiers</i> , 2022, 13, 101147.	4.3	84
3	Enhancement of photocatalytic activity of titanium dioxide using non-metal doping methods under visible light: a review. <i>International Journal of Environmental Science and Technology</i> , 2018, 15, 2009-2032.	1.8	81
4	Photocatalytic efficiency of Fe ₂ O ₃ /TiO ₂ for the degradation of typical dyes in textile industries: Effects of calcination temperature and UV-assisted thermal synthesis. <i>Journal of Environmental Management</i> , 2017, 196, 487-498.	3.8	80
5	Treatment of actual slaughterhouse wastewater by combined anaerobic-aerobic processes for biogas generation and removal of organics and nutrients: An optimization study towards a cleaner production in the meat processing industry. <i>Journal of Cleaner Production</i> , 2017, 141, 278-289.	4.6	76
6	Cost-effectiveness analysis of TOC removal from slaughterhouse wastewater using combined anaerobic-aerobic and UV/H ₂ O ₂ processes. <i>Journal of Environmental Management</i> , 2014, 134, 145-152.	3.8	72
7	Photochemical treatment of benzene, toluene, ethylbenzene, and xylenes (BTEX) in aqueous solutions using advanced oxidation processes: Towards a cleaner production in the petroleum refining and petrochemical industries. <i>Journal of Cleaner Production</i> , 2018, 186, 609-617.	4.6	63
8	Treatment of an actual slaughterhouse wastewater by integration of biological and advanced oxidation processes: Modeling, optimization, and cost-effectiveness analysis. <i>Journal of Environmental Management</i> , 2016, 182, 651-666.	3.8	54
9	Slaughterhouse Wastewater Characterization and Treatment: An Economic and Public Health Necessity of the Meat Processing Industry in Ontario, Canada. <i>Journal of Geoscience and Environment Protection</i> , 2016, 04, 175-186.	0.2	47
10	Combined anaerobic-aerobic and UV/H ₂ O ₂ processes for the treatment of synthetic slaughterhouse wastewater. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2013, 48, 1122-1135.	0.9	43
11	Assessing the performance of uv/H ₂ O ₂ as a pretreatment process in TOC removal of an actual petroleum refinery wastewater and its inhibitory effects on activated sludge. <i>Canadian Journal of Chemical Engineering</i> , 2015, 93, 798-807.	0.9	36
12	Degradation and Loss of Antibacterial Activity of Commercial Amoxicillin with TiO ₂ /WO ₃ -Assisted Solar Photocatalysis. <i>Catalysts</i> , 2018, 8, 222.	1.6	36
13	Photochemical degradation of an actual slaughterhouse wastewater by continuous UV/H ₂ O ₂ photoreactor with recycle. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 719-732.	3.3	35
14	Potential use of coconut fibre modified mortars to enhance thermal comfort in low-income housing. <i>Journal of Environmental Management</i> , 2021, 277, 111503.	3.8	34
15	Slaughterhouse Wastewater: Treatment, Management and Resource Recovery. , 0, , .		33
16	Recent Developments in the Photocatalytic Treatment of Cyanide Wastewater: An Approach to Remediation and Recovery of Metals. <i>Processes</i> , 2019, 7, 225.	1.3	30
17	A traffic noise model for road intersections in the city of Cartagena de Indias, Colombia. <i>Transportation Research, Part D: Transport and Environment</i> , 2016, 47, 149-161.	3.2	20
18	Combined UV-C/H ₂ O ₂ -VUV processes for the treatment of an actual slaughterhouse wastewater. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2017, 52, 314-325.	0.7	14

#	ARTICLE	IF	CITATIONS
19	Photocatalytic Degradation of Commercial Acetaminophen: Evaluation, Modeling, and Scaling-Up of Photoreactors. Catalysts, 2018, 8, 179.	1.6	14
20	Advanced Oxidation Processes - Applications, Trends, and Prospects. , 2020, , .		8
21	Modeling organic matter and nitrogen removal from domestic wastewater in a pilot-scale vertical subsurface flow constructed wetland. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2016, 51, 414-424.	0.9	6
22	Geotechnical Properties and Stabilization of Well-graded Sand with Clay and Gravel Soils Contaminated with Gasoline. Water, Air, and Soil Pollution, 2020, 231, 1.	1.1	4
23	Optimization of the photocatalytic activity of N-doped TiO2 for the degradation of methyl orange. , 0, 110, 198-208.		4
24	Application of Artificial Neural Network and Information Entropy Theory to Assess Rainfall Station Distribution: A Case Study from Colombia. Water (Switzerland), 2020, 12, 1973.	1.2	2
25	Scale-Up and Optimization for Slurry Photoreactors. , 0, , .		1
26	Comparative study of the energy potential of cyanide waters using two osmotic membrane modules under dead-end flow. Journal of Physics: Conference Series, 2017, 935, 012062.	0.3	0
27	Editorial: Special Issue "New Concepts in Oxidation Processes" Catalysts, 2019, 9, 878.	1.6	0