

Cristina Alejandra Villamar

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

226
citations

1162367

8
h-index

996533

15
g-index

19
all docs

19
docs citations

19
times ranked

298
citing authors

#	ARTICLE	IF	CITATIONS
1	Fate, eco-toxicological characteristics, and treatment processes applied to water polluted with glyphosate: A critical review. <i>Critical Reviews in Environmental Science and Technology</i> , 2019, 49, 1476-1514.	6.6	54
2	Reuse and Recycling of Livestock and Municipal Wastewater in Chilean Agriculture: A Preliminary Assessment. <i>Water (Switzerland)</i> , 2018, 10, 817.	1.2	34
3	Performance of wood chips/peanut shells biofilters used to remove organic matter from domestic wastewater. <i>Science of the Total Environment</i> , 2020, 738, 139589.	3.9	25
4	Aerobic moving bed bioreactor performance: a comparative study of removal efficiencies of kraft mill effluents from <i>Pinus radiata</i> and <i>Eucalyptus globulus</i> as raw material. <i>Water Science and Technology</i> , 2009, 59, 507-514.	1.2	20
5	Polyhydroxyalkanoates (PHA) biosynthesis from kraft mill wastewaters: biomass origin and C:N relationship influence. <i>Water Science and Technology</i> , 2011, 63, 449-455.	1.2	18
6	Anaerobic co-digestion plants for the revaluation of agricultural waste: Sustainable location sites from a GIS analysis. <i>Waste Management and Research</i> , 2016, 34, 316-326.	2.2	12
7	Effect of organic load and nutrient ratio on the operation stability of the moving bed bioreactor for kraft mill wastewater treatment and the incidence of polyhydroxyalkanoate biosynthesis. <i>Water Science and Technology</i> , 2012, 66, 370-376.	1.2	11
8	Effect of the generation and physical-chemical characterization of swine and dairy cattle slurries on treatment technologies. <i>Waste Management and Research</i> , 2013, 31, 820-828.	2.2	11
9	Distribution and Availability of Copper and Zinc in a Constructed Wetland Fed with Treated Swine Slurry from an Anaerobic Lagoon. <i>Wetlands</i> , 2014, 34, 583-591.	0.7	9
10	Hydraulic Retention Time Influence on Improving Flocculation in the Activated Sludge Processes Through Polyelectrolytes. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	1.1	6
11	Caffeine adsorptive performance and compatibility characteristics (<i>Eisenia foetida</i> Savigny) of agro-industrial residues potentially suitable for vermifilter beds. <i>Science of the Total Environment</i> , 2021, 801, 149666.	3.9	6
12	Improvement of nutrients removal from domestic wastewater by activated-sludge encapsulation with polyvinyl alcohol (PVA). <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2019, 54, 721-727.	0.9	5
13	A Bibliometric-Statistical Review of Organic Residues as Cementitious Building Materials. <i>Buildings</i> , 2022, 12, 597.	1.4	5
14	Odor from anaerobic digestion of swine slurry: influence of pH, temperature and organic loading. <i>Scientia Agricola</i> , 2014, 71, 443-450.	0.6	3
15	Improvement of organic matter and nutrient removal from domestic wastewater by using intermittent hydraulic rates on earthworm-microorganism biofilters. <i>Water Science and Technology</i> , 2020, 82, 281-291.	1.2	3
16	Growth and nutrient uptake by <i>Schoenoplectus californicus</i> (C.A. Meyer) S ³ jak in a constructed wetland fed with swine slurry. <i>Journal of Soil Science and Plant Nutrition</i> , 2012, , 0-0.	1.7	1
17	Nutrients Cycle within Swine Production: Generation, Characteristics, Treatment and Revaluation. , 0, , .		1
18	<i>Heliconia stricta</i> Huber Behavior on Hybrid Constructed Wetlands Fed with Synthetic Domestic Wastewater. <i>Water (Switzerland)</i> , 2020, 12, 1373.	1.2	1

#	ARTICLE	IF	CITATIONS
19	Preventive strategies for reuse and recycling of wastewater within the HDG production. Water Science and Technology, 2022, 85, 265-278.	1.2	1