

Ismael Vera

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

404
citations

840585

11
h-index

839398

18
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21
all docs

21
docs citations

21
times ranked

340
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance evaluation of eight years experience of constructed wetland systems in Catalonia as alternative treatment for small communities. <i>Ecological Engineering</i> , 2011, 37, 364-371.	1.6	52
2	Performance of 14 full-scale sewage treatment plants: Comparison between four aerobic technologies regarding effluent quality, sludge production and energy consumption. <i>Environmental Technology (United Kingdom)</i> , 2013, 34, 2267-2275.	1.2	44
3	Performance of ornamental plants in mesocosm subsurface constructed wetlands under different organic sewage loading. <i>Ecological Engineering</i> , 2017, 99, 246-255.	1.6	43
4	Enhanced phosphorus removal from sewage in mesocosm-scale constructed wetland using zeolite as medium and artificial aeration. <i>Environmental Technology (United Kingdom)</i> , 2014, 35, 1639-1649.	1.2	41
5	Relationship between the removal of organic matter and the production of methane in subsurface flow constructed wetlands designed for wastewater treatment. <i>Ecological Engineering</i> , 2015, 83, 296-304.	1.6	38
6	Reuse and Recycling of Livestock and Municipal Wastewater in Chilean Agriculture: A Preliminary Assessment. <i>Water (Switzerland)</i> , 2018, 10, 817.	1.2	34
7	Phosphate removal using zeolite in treatment wetlands under different oxidation-reduction potentials. <i>Ecological Engineering</i> , 2018, 117, 18-27.	1.6	32
8	Influence of hydraulic retention time and plant species on performance of mesocosm subsurface constructed wetlands during municipal wastewater treatment in super-arid areas. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2016, 51, 105-113.	0.9	27
9	Proposal of competencies for engineering education to develop water infrastructure based on "Nature-Based Solutions" in the urban context. <i>Journal of Cleaner Production</i> , 2020, 265, 121717.	4.6	18
10	Effects of aeration and natural zeolite on ammonium removal during the treatment of sewage by mesocosm-scale constructed wetlands. <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 1811-1820.	1.2	16
11	Reverse Osmosis Concentrate: Physicochemical Characteristics, Environmental Impact, and Technologies. <i>Membranes</i> , 2021, 11, 753.	1.4	13
12	Potential Application of Chilean Natural Zeolite as a Support Medium in Treatment Wetlands for Removing Ammonium and Phosphate from Wastewater. <i>Water (Switzerland)</i> , 2020, 12, 1156.	1.2	8
13	Sensitivity of Radiative and Thermal Properties of Building Material in the Urban Atmosphere. <i>Sustainability</i> , 2019, 11, 6865.	1.6	7
14	Performance Comparison of Vertical Flow Treatment Wetlands Planted with the Ornamental Plant <i>Zantedeschia aethiopica</i> Operated under Arid and Mediterranean Climate Conditions. <i>Water (Switzerland)</i> , 2021, 13, 1478.	1.2	7
15	Atacama Desert: water resources and reuse of municipal wastewater in irrigation of cut flower aeroponic cultivation system (first laboratory experiments). , 0, 150, 73-83.		7
16	Analysis of <i>Salix humboldtiana</i> to be used as the plant species in evapotranspirative willow systems in Latin American highland climate conditions. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2019, 54, 1302-1310.	0.9	4
17	Evaluation of Bed Depth Reduction, Media Change, and Partial Saturation as Combined Strategies to Modify in Vertical Treatment Wetlands. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4842.	1.2	4
18	Reclamation of Treated Wastewater for Irrigation in Chile: Perspectives of the Current State and Challenges. <i>Water (Switzerland)</i> , 2022, 14, 627.	1.2	4

#	ARTICLE	IF	CITATIONS
19	Effects of effluent recycle on treatment performance in a vertical flow constructed wetland. Ecological Engineering, 2022, 180, 106675.	1.6	3
20	Reuse of Treated Municipal Wastewater from Constructed Wetlands for Cut Flowers Irrigation in Aeroponic Cultivation. Ingenieria Y Universidad, 0, 24, .	0.5	2
21	Aromatic Compounds and Organic Matter Behavior in Pilot Constructed Wetlands Treating Pinus Radiata and Eucalyptus Globulus Sawmill Industry Leachate. Applied Sciences (Switzerland), 2019, 9, 5046.	1.3	0