

# Ismael Vera

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20  
papers

284  
citations

10  
h-index

16  
g-index

21  
ext. papers

335  
ext. citations

3.4  
avg, IF

3.34  
L-index

#	Paper	IF	Citations
20	Performance evaluation of eight years experience of constructed wetland systems in Catalonia as alternative treatment for small communities. <i>Ecological Engineering</i> , <b>2011</b> , 37, 364-371	3.9	46
19	Performance of ornamental plants in mesocosm subsurface constructed wetlands under different organic sewage loading. <i>Ecological Engineering</i> , <b>2017</b> , 99, 246-255	3.9	34
18	Enhanced phosphorus removal from sewage in mesocosm-scale constructed wetland using zeolite as medium and artificial aeration. <i>Environmental Technology (United Kingdom)</i> , <b>2014</b> , 35, 1639-49	2.6	34
17	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> , <b>2013</b> , 34, 2267-75	2.6	32
16	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> , <b>2015</b> , 83, 296-304	3.9	27
15	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> , <b>2016</b> , 51, 105-113	2.3	22
14	Reuse and Recycling of Livestock and Municipal Wastewater in Chilean Agriculture: A Preliminary Assessment. <i>Water (Switzerland)</i> , <b>2018</b> , 10, 817	3	20
13	Phosphate removal using zeolite in treatment wetlands under different oxidation-reduction potentials. <i>Ecological Engineering</i> , <b>2018</b> , 117, 18-27	3.9	17
12	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> , <b>2016</b> , 37, 1811-20	2.6	15
11	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> , <b>2020</b> , 265, 121717	10.3	12
10	Atacama Desert: water resources and reuse of municipal wastewater in irrigation of cut flower aeroponic cultivation system (first laboratory experiments)	150	73-83
9	Potential Application of Chilean Natural Zeolite as a Support Medium in Treatment Wetlands for Removing Ammonium and Phosphate from Wastewater. <i>Water (Switzerland)</i> , <b>2020</b> , 12, 1156	3	4
8	Analysis of 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> , <b>2019</b> , 54, 1302-1310	2.3	4
7	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> , <b>2021</b> , 13, 1478	3	4
6	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> , <b>2021</b> , 18,	4.6	3
5	Reuse of Treated Municipal Wastewater from Constructed Wetlands for Cut Flowers Irrigation in Aeroponic Cultivation. <i>Ingenieria Y Universidad</i> , <b>24</b> ,	0.6	2
4	Sensitivity of Radiative and Thermal Properties of Building Material in the Urban Atmosphere. <i>Sustainability</i> , <b>2019</b> , 11, 6865	3.6	2

- 3 Reclamation of Treated Wastewater for Irrigation in Chile: Perspectives of the Current State and Challenges. *Water (Switzerland)*, **2022**, 14, 627 3 0
- 2 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<sup>2.6</sup>
- 1 Effects of effluent recycle on treatment performance in a vertical flow constructed wetland. *Ecological Engineering*, **2022**, 180, 106675 3.9