

# Antonio Carvalho Albuquerque

## List of Publications by Year in Descending Order

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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.

51  
papers

760  
citations

16  
h-index

26  
g-index

58  
ext. papers

883  
ext. citations

3.6  
avg. IF

4.08  
L-index

#	Paper	IF	Citations
51	Comparison between Regionalized Minimum Reference Flow and On-Site Measurements in Hydrographic Basins of Rural Communities in the State of Goiás, Brazil. <i>Water (Switzerland)</i> , <b>2022</b> , 14, 1016	3	
50	Improving Water Efficiency in a Municipal Indoor Swimming-Pool Complex: A Case Study. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 10530	2.6	1
49	Application of Electrocoagulation with a New Steel-Swarf-Based Electrode for the Removal of Heavy Metals and Total Coliforms from Sanitary Landfill Leachate. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 5009	2.6	2
48	Impact of Alum Water Treatment Residues on the Methanogenic Activity in the Digestion of Primary Domestic Wastewater Sludge. <i>Sustainability</i> , <b>2021</b> , 13, 8783	3.6	1
47	Oxygen Transfer Capacity as a Measure of Water Aeration by Floating Reed Plants: Initial Laboratory Studies. <i>Processes</i> , <b>2020</b> , 8, 1270	2.9	0
46	Treatment of cork boiling wastewater using a horizontal subsurface flow constructed wetland combined with ozonation. <i>Chemosphere</i> , <b>2020</b> , 260, 127598	8.4	7
45	Treatment of slaughterhouse wastewater by acid precipitation (HSO, HCl and HNO) and oxidation (Ca(CLO) <sub>2</sub> HO and CaO). <i>Journal of Environmental Management</i> , <b>2019</b> , 250, 109558	7.9	10
44	Reuse of alum sludge for reducing flocculant addition in water treatment plants. <i>Environmental Protection Engineering</i> , <b>2019</b> , 45,	1.6	5
43	Effectiveness and Temporal Variation of a Full-Scale Horizontal Constructed Wetland in Reducing Nitrogen and Phosphorus from Domestic Wastewater. <i>ChemEngineering</i> , <b>2018</b> , 2, 3	2.6	8
42	Cork Boiling Wastewater Treatment in Pilot Constructed Wetlands <b>2018</b> , 283-308		1
41	WATER TREATMENT SLUDGE AS POTENTIAL SOIL AMENDMENT FOR NATIVE PLANTS OF THE BRAZILIAN CERRADO. <i>Environmental Engineering and Management Journal</i> , <b>2018</b> , 17, 1169-1178	0.6	2
40	Modeling and Mitigation of Noise on the A23 Motorway Using GIS. <i>Proceedings (mdpi)</i> , <b>2018</b> , 2, 1306	0.3	0
39	Use of condensed water from air conditioning systems. <i>Open Engineering</i> , <b>2018</b> , 8, 284-292	1.7	2
38	Removal of Cr, Cu and Zn from liquid effluents using the fine component of granitic residual soils. <i>Open Engineering</i> , <b>2018</b> , 8, 417-425	1.7	0
37	Heavy Metals Removal from Reclaimed Water in a Laboratory Column Using a Granitic Residual Soil. <i>Proceedings (mdpi)</i> , <b>2018</b> , 2, 1308	0.3	
36	Investigation of lab-scale horizontal subsurface flow constructed wetlands treating industrial cork boiling wastewater. <i>Chemosphere</i> , <b>2018</b> , 207, 430-439	8.4	32
35	Hydroponic System: A Promising Biotechnology for Food Production and Wastewater Treatment <b>2017</b> , 317-350		3

34	Caracterizaço de solos residuais para infiltraço de efluente de estaço de tratamento de esgoto. <i>Engenharia Sanitaria E Ambiental</i> , <b>2017</b> , 22, 95-102	0.4	3
33	Seasonal variation of nutrient removal in a full-scale horizontal constructed wetland. <i>Energy Procedia</i> , <b>2017</b> , 136, 225-232	2.3	11
32	Diagnosis and assessment of the management of sanitary landfill leachates in Portugal <b>2017</b> , 87-92		
31	Heavy Metal Removal in a Detention Basin for Road Runoff. <i>Open Engineering</i> , <b>2016</b> , 6,	1.7	1
30	Sugar and volatile fatty acids dynamic during anaerobic treatment of olive mill wastewater. <i>Environmental Technology (United Kingdom)</i> , <b>2016</b> , 37, 997-1007	2.6	5
29	An experimental setup for energy efficiency evaluation of microbial fuel cells <b>2015</b> ,		2
28	Caracterizaço fsica do resduo de uma estaço de tratamento de gua para sua utilizaço em materiais de construo. <i>Ceramica</i> , <b>2015</b> , 61, 450-456	1	4
27	The influence of evapotranspiration on vertical flow subsurface constructed wetland performance. <i>Ecological Engineering</i> , <b>2014</b> , 67, 89-94	3.9	63
26	A poly-caprolactone based biofilm carrier for nitrate removal from water. <i>International Journal of Environmental Science and Technology</i> , <b>2014</b> , 11, 263-268	3.3	8
25	Biological and technical study of a partial-SHARON reactor at laboratory scale: effect of hydraulic retention time. <i>Bioprocess and Biosystems Engineering</i> , <b>2013</b> , 36, 173-84	3.7	30
24	Effect of vegetation on the performance of horizontal subsurface flow constructed wetlands with lightweight expanded clay aggregates. <i>International Journal of Environmental Science and Technology</i> , <b>2013</b> , 10, 433-442	3.3	18
23	Biodegradability enhancement and detoxification of cork processing wastewater molecular size fractions by ozone. <i>Bioresource Technology</i> , <b>2013</b> , 147, 143-151	11	30
22	Toxicity reduction and biodegradability enhancement of cork processing wastewaters by ozonation. <i>Water Science and Technology</i> , <b>2013</b> , 68, 2214-9	2.2	20
21	Effect of immersion in water partially alkali-activated materials obtained of tungsten mine waste mud. <i>Construction and Building Materials</i> , <b>2012</b> , 35, 117-124	6.7	31
20	Potential for reuse of tungsten mining waste-rock in technical-artistic value added products. <i>Journal of Cleaner Production</i> , <b>2012</b> , 25, 34-41	10.3	50
19	Nitrogen removal from landfill leachate in constructed wetlands with reed and willow: redox potential in the root zone. <i>Journal of Environmental Management</i> , <b>2012</b> , 97, 22-7	7.9	39
18	Influence of stormwater infiltration on the treatment capacity of a LECA-based horizontal subsurface flow constructed wetland. <i>Ecological Engineering</i> , <b>2012</b> , 39, 16-23	3.9	13
17	The influence of plants on nitrogen removal from landfill leachate in discontinuous batch shallow constructed wetland with recirculating subsurface horizontal flow. <i>Ecological Engineering</i> , <b>2012</b> , 40, 44-52 <sup>9</sup>	3.9	49

16	Impact of aeration conditions on the removal of low concentrations of nitrogen in a tertiary partially aerated biological filter. <i>Ecological Engineering</i> , <b>2012</b> , 44, 44-52	3.9	41
15	Effect of aeration on steady-state conditions in non- and partially aerated low-loaded biofilter. <i>International Journal of Environmental Science and Technology</i> , <b>2012</b> , 9, 395-408	3.3	7
14	Spatial Variation of Longitudinal Dispersion in LECA-Based Vegetated Beds. <i>Defect and Diffusion Forum</i> , <b>2012</b> , 326-328, 279-284	0.7	
13	Mineral Waste Geopolymeric Artificial Aggregates as Alternative Materials for Wastewater-Treatment Processes: Study of Structural Stability and pH Variation in Water. <i>Journal of Materials in Civil Engineering</i> , <b>2012</b> , 24, 623-628	3	14
12	Application of GIS-based multi-criteria analysis for site selection of aquifer recharge with reclaimed water. <i>Resources, Conservation and Recycling</i> , <b>2011</b> , 56, 105-116	11.9	44
11	Influence of Aeration on Nitrogen Removal in a Submerged Biological Aerated Filter for Residuals Removal. <i>Proceedings of the Water Environment Federation</i> , <b>2011</b> , 2011, 767-780		1
10	Analysis of the reclamation treatment capability of a constructed wetland for reuse. <i>Water Practice and Technology</i> , <b>2011</b> , 6,	0.9	9
9	Evaluation of the Stability of Waste-Based Geopolymeric Artificial Aggregates for Wastewater Treatment Processes under Different Curing Conditions. <i>Advances in Science and Technology</i> , <b>2010</b> , 69, 86-91	0.1	4
8	Analysis of constructed wetland performance for irrigation reuse. <i>Water Science and Technology</i> , <b>2010</b> , 61, 1699-705	2.2	28
7	Evaluation of the effectiveness of horizontal subsurface flow constructed wetlands for different media. <i>Journal of Environmental Sciences</i> , <b>2010</b> , 22, 820-5	6.4	15
6	Recycling pulp mill sludge to improve soil fertility using GIS tools. <i>Resources, Conservation and Recycling</i> , <b>2010</b> , 54, 1303-1311	11.9	24
5	Investigations of Nitrogen Removal Pathways in a Biological Packed Bed Reactor Using Elementary Mass Balances. <i>Proceedings of the Water Environment Federation</i> , <b>2009</b> , 2009, 117-135		2
4	Removal of organic matter and nitrogen in an horizontal subsurface flow (HSSF) constructed wetland under transient loads. <i>Water Science and Technology</i> , <b>2009</b> , 60, 1677-82	2.2	32
3	Influence of bed media characteristics on ammonia and nitrate removal in shallow horizontal subsurface flow constructed wetlands. <i>Bioresource Technology</i> , <b>2009</b> , 100, 6269-77	11	85
2	Evaluation of the Influence of Loading Conditions on the Simultaneous Removal of Organic Matter and Nitrogen in SSHF Constructed Wetlands <b>2007</b> , 1		1
1	Geotechnical Characterization of Water Treatment Sludge for Liner Material Production and Soft Soil Reinforcement. <i>Materials Science Forum</i> , <b>2007</b> , 1046, 83-88	0.4	0