

Antonio Carvalho Albuquerque

List of Publications by Citations

Source:

<https://exaly.com/author-pdf/1004681/antonio-carvalho-albuquerque-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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 | Influence of bed media characteristics on ammonia and nitrate removal in shallow horizontal subsurface flow constructed wetlands. <i>Bioresource Technology</i> , 2009 , 100, 6269-77 | 11 | 85 |
| 50 | The influence of evapotranspiration on vertical flow subsurface constructed wetland performance. <i>Ecological Engineering</i> , 2014 , 67, 89-94 | 3.9 | 63 |
| 49 | Potential for reuse of tungsten mining waste-rock in technical-artistic value added products. <i>Journal of Cleaner Production</i> , 2012 , 25, 34-41 | 10.3 | 50 |
| 48 | 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> , 2012 , 40, 44-52 | 3.9 | 49 |
| 47 | Application of GIS-based multi-criteria analysis for site selection of aquifer recharge with reclaimed water. <i>Resources, Conservation and Recycling</i> , 2011 , 56, 105-116 | 11.9 | 44 |
| 46 | Impact of aeration conditions on the removal of low concentrations of nitrogen in a tertiary partially aerated biological filter. <i>Ecological Engineering</i> , 2012 , 44, 44-52 | 3.9 | 41 |
| 45 | Nitrogen removal from landfill leachate in constructed wetlands with reed and willow: redox potential in the root zone. <i>Journal of Environmental Management</i> , 2012 , 97, 22-7 | 7.9 | 39 |
| 44 | Removal of organic matter and nitrogen in an horizontal subsurface flow (HSSF) constructed wetland under transient loads. <i>Water Science and Technology</i> , 2009 , 60, 1677-82 | 2.2 | 32 |
| 43 | Investigation of lab-scale horizontal subsurface flow constructed wetlands treating industrial cork boiling wastewater. <i>Chemosphere</i> , 2018 , 207, 430-439 | 8.4 | 32 |
| 42 | Effect of immersion in water partially alkali-activated materials obtained of tungsten mine waste mud. <i>Construction and Building Materials</i> , 2012 , 35, 117-124 | 6.7 | 31 |
| 41 | Biological and technical study of a partial-SHARON reactor at laboratory scale: effect of hydraulic retention time. <i>Bioprocess and Biosystems Engineering</i> , 2013 , 36, 173-84 | 3.7 | 30 |
| 40 | Biodegradability enhancement and detoxification of cork processing wastewater molecular size fractions by ozone. <i>Bioresource Technology</i> , 2013 , 147, 143-151 | 11 | 30 |
| 39 | Analysis of constructed wetland performance for irrigation reuse. <i>Water Science and Technology</i> , 2010 , 61, 1699-705 | 2.2 | 28 |
| 38 | Recycling pulp mill sludge to improve soil fertility using GIS tools. <i>Resources, Conservation and Recycling</i> , 2010 , 54, 1303-1311 | 11.9 | 24 |
| 37 | Toxicity reduction and biodegradability enhancement of cork processing wastewaters by ozonation. <i>Water Science and Technology</i> , 2013 , 68, 2214-9 | 2.2 | 20 |
| 36 | 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> , 2013 , 10, 433-442 | 3.3 | 18 |
| 35 | Evaluation of the effectiveness of horizontal subsurface flow constructed wetlands for different media. <i>Journal of Environmental Sciences</i> , 2010 , 22, 820-5 | 6.4 | 15 |

| | | | |
|----|---|-----|----|
| 34 | 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> , 2012 , 24, 623-628 | 3 | 14 |
| 33 | Influence of stormwater infiltration on the treatment capacity of a LECA-based horizontal subsurface flow constructed wetland. <i>Ecological Engineering</i> , 2012 , 39, 16-23 | 3.9 | 13 |
| 32 | Seasonal variation of nutrient removal in a full-scale horizontal constructed wetland. <i>Energy Procedia</i> , 2017 , 136, 225-232 | 2.3 | 11 |
| 31 | Treatment of slaughterhouse wastewater by acid precipitation (HSO ₄ , HCl and HNO ₃) and oxidation (Ca(ClO) ₂ and CaO ₂). <i>Journal of Environmental Management</i> , 2019 , 250, 109558 | 7.9 | 10 |
| 30 | Analysis of the reclamation treatment capability of a constructed wetland for reuse. <i>Water Practice and Technology</i> , 2011 , 6, | 0.9 | 9 |
| 29 | Effectiveness and Temporal Variation of a Full-Scale Horizontal Constructed Wetland in Reducing Nitrogen and Phosphorus from Domestic Wastewater. <i>ChemEngineering</i> , 2018 , 2, 3 | 2.6 | 8 |
| 28 | A poly-ε-caprolactone based biofilm carrier for nitrate removal from water. <i>International Journal of Environmental Science and Technology</i> , 2014 , 11, 263-268 | 3.3 | 8 |
| 27 | Effect of aeration on steady-state conditions in non- and partially aerated low-loaded biofilter. <i>International Journal of Environmental Science and Technology</i> , 2012 , 9, 395-408 | 3.3 | 7 |
| 26 | Treatment of cork boiling wastewater using a horizontal subsurface flow constructed wetland combined with ozonation. <i>Chemosphere</i> , 2020 , 260, 127598 | 8.4 | 7 |
| 25 | Sugar and volatile fatty acids dynamic during anaerobic treatment of olive mill wastewater. <i>Environmental Technology (United Kingdom)</i> , 2016 , 37, 997-1007 | 2.6 | 5 |
| 24 | Reuse of alum sludge for reducing flocculant addition in water treatment plants. <i>Environmental Protection Engineering</i> , 2019 , 45, | 1.6 | 5 |
| 23 | Caracterização física do resíduo de uma estação de tratamento de água para sua utilização em materiais de construção. <i>Cerâmica</i> , 2015 , 61, 450-456 | 1 | 4 |
| 22 | 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> , 2010 , 69, 86-91 | 0.1 | 4 |
| 21 | Hydroponic System: A Promising Biotechnology for Food Production and Wastewater Treatment 2017 , 317-350 | | 3 |
| 20 | Caracterização de solos residuais para infiltração de efluente de estação de tratamento de esgoto. <i>Engenharia Sanitaria E Ambiental</i> , 2017 , 22, 95-102 | 0.4 | 3 |
| 19 | An experimental setup for energy efficiency evaluation of microbial fuel cells 2015 , | | 2 |
| 18 | Investigations of Nitrogen Removal Pathways in a Biological Packed Bed Reactor Using Elementary Mass Balances. <i>Proceedings of the Water Environment Federation</i> , 2009 , 2009, 117-135 | | 2 |
| 17 | WATER TREATMENT SLUDGE AS POTENTIAL SOIL AMENDMENT FOR NATIVE PLANTS OF THE BRAZILIAN CERRADO. <i>Environmental Engineering and Management Journal</i> , 2018 , 17, 1169-1178 | 0.6 | 2 |

| | | | |
|----|--|-----|---|
| 16 | 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> , 2021 , 11, 5009 | 2.6 | 2 |
| 15 | Use of condensed water from air conditioning systems. <i>Open Engineering</i> , 2018 , 8, 284-292 | 1.7 | 2 |
| 14 | Heavy Metal Removal in a Detention Basin for Road Runoff. <i>Open Engineering</i> , 2016 , 6, | 1.7 | 1 |
| 13 | Cork Boiling Wastewater Treatment in Pilot Constructed Wetlands 2018 , 283-308 | | 1 |
| 12 | Influence of Aeration on Nitrogen Removal in a Submerged Biological Aerated Filter for Residuals Removal. <i>Proceedings of the Water Environment Federation</i> , 2011 , 2011, 767-780 | | 1 |
| 11 | Evaluation of the Influence of Loading Conditions on the Simultaneous Removal of Organic Matter and Nitrogen in SSHF Constructed Wetlands 2007 , 1 | | 1 |
| 10 | Improving Water Efficiency in a Municipal Indoor Swimming-Pool Complex: A Case Study. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 10530 | 2.6 | 1 |
| 9 | Impact of Alum Water Treatment Residues on the Methanogenic Activity in the Digestion of Primary Domestic Wastewater Sludge. <i>Sustainability</i> , 2021 , 13, 8783 | 3.6 | 1 |
| 8 | Oxygen Transfer Capacity as a Measure of Water Aeration by Floating Reed Plants: Initial Laboratory Studies. <i>Processes</i> , 2020 , 8, 1270 | 2.9 | 0 |
| 7 | Modeling and Mitigation of Noise on the A23 Motorway Using GIS. <i>Proceedings (mdpi)</i> , 2018 , 2, 1306 | 0.3 | 0 |
| 6 | Removal of Cr, Cu and Zn from liquid effluents using the fine component of granitic residual soils. <i>Open Engineering</i> , 2018 , 8, 417-425 | 1.7 | 0 |
| 5 | Geotechnical Characterization of Water Treatment Sludge for Liner Material Production and Soft Soil Reinforcement. <i>Materials Science Forum</i> , 1046, 83-88 | 0.4 | 0 |
| 4 | Spatial Variation of Longitudinal Dispersion in LECA-Based Vegetated Beds. <i>Defect and Diffusion Forum</i> , 2012 , 326-328, 279-284 | 0.7 | |
| 3 | Diagnosis and assessment of the management of sanitary landfill leachates in Portugal 2017 , 87-92 | | |
| 2 | Heavy Metals Removal from Reclaimed Water in a Laboratory Column Using a Granitic Residual Soil. <i>Proceedings (mdpi)</i> , 2018 , 2, 1308 | 0.3 | |
| 1 | Comparison between Regionalized Minimum Reference Flow and On-Site Measurements in Hydrographic Basins of Rural Communities in the State of Goi, Brazil. <i>Water (Switzerland)</i> , 2022 , 14, 1016 | 3 | |