

Anna Pedescoll

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

828
citations

567281

15
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

856
citing authors

#	ARTICLE	IF	CITATIONS
1	Capacity of a horizontal subsurface flow constructed wetland system for the removal of emerging pollutants: An injection experiment. <i>Chemosphere</i> , 2010, 81, 1137-1142.	8.2	113
2	Practical method based on saturated hydraulic conductivity used to assess clogging in subsurface flow constructed wetlands. <i>Ecological Engineering</i> , 2009, 35, 1216-1224.	3.6	86
3	The effect of primary treatment and flow regime on clogging development in horizontal subsurface flow constructed wetlands: An experimental evaluation. <i>Water Research</i> , 2011, 45, 3579-3589.	11.3	74
4	Sludge dewatering and stabilization in drying reed beds: Characterization of three full-scale systems in Catalonia, Spain. <i>Bioresource Technology</i> , 2009, 100, 3882-3890.	9.6	73
5	Evaluation of primary treatment and loading regimes in the removal of pharmaceuticals and personal care products from urban wastewaters by subsurface-flow constructed wetlands. <i>International Journal of Environmental Analytical Chemistry</i> , 2011, 91, 632-653.	3.3	56
6	Evapotranspiration affecting redox conditions in horizontal constructed wetlands under Mediterranean climate: Influence of plant species. <i>Ecological Engineering</i> , 2013, 58, 335-343.	3.6	56
7	Influence of design, physico-chemical and environmental parameters on pharmaceuticals and fragrances removal by constructed wetlands. <i>Water Science and Technology</i> , 2011, 63, 2527-2534.	2.5	52
8	Design configurations affecting flow pattern and solids accumulation in horizontal free water and subsurface flow constructed wetlands. <i>Water Research</i> , 2013, 47, 1448-1458.	11.3	49
9	Contaminant removal efficiency depending on primary treatment and operational strategy in horizontal subsurface flow treatment wetlands. <i>Ecological Engineering</i> , 2011, 37, 372-380.	3.6	47
10	Reliability, repeatability and accuracy of the falling head method for hydraulic conductivity measurements under laboratory conditions. <i>Ecological Engineering</i> , 2011, 37, 754-757.	3.6	43
11	Effect of climatic conditions, season and wastewater quality on contaminant removal efficiency of two experimental constructed wetlands in different regions of Spain. <i>Science of the Total Environment</i> , 2012, 437, 61-67.	8.0	42
12	Design parameters affecting metals removal in horizontal constructed wetlands for domestic wastewater treatment. <i>Ecological Engineering</i> , 2015, 80, 92-99.	3.6	36
13	Microbial communities in a range of carbon dioxide fluxes from a natural volcanic vent in Campo de Calatrava, Spain. <i>International Journal of Greenhouse Gas Control</i> , 2016, 50, 70-79.	4.6	29
14	Short-term effects of simulated below-ground carbon dioxide leakage on a soil microbial community. <i>International Journal of Greenhouse Gas Control</i> , 2015, 36, 51-59.	4.6	22
15	A Comparison of In Situ Constant and Falling Head Permeameter Tests to Assess the Distribution of Clogging Within Horizontal Subsurface Flow Constructed Wetlands. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 2263-2275.	2.4	16
16	Mechanical resistance properties of gravel used in subsurface flow constructed wetlands: implications for clogging. <i>Water Science and Technology</i> , 2011, 63, 1801-1807.	2.5	10
17	Reliability and economic feasibility of online monitoring of constructed wetlands performance. <i>Desalination and Water Treatment</i> , 2014, 52, 5848-5855.	1.0	10
18	Performance of a Pool and Weir Fishway for Iberian Cyprinids Migration: A Case Study. <i>Fishes</i> , 2019, 4, 45.	1.7	9

#	ARTICLE	IF	CITATIONS
19	Microfaunal community in horizontal constructed wetlands with different design configurations. <i>Ecological Engineering</i> , 2016, 91, 16-23.	3.6	4