

Juan Antonio Alvarez

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,180
citations

471509

17
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

1537
citing authors

#	ARTICLE	IF	CITATIONS
1	A methodology for optimising feed composition for anaerobic co-digestion of agro-industrial wastes. <i>Bioresource Technology</i> , 2010, 101, 1153-1158.	9.6	238
2	The effect and fate of antibiotics during the anaerobic digestion of pig manure. <i>Bioresource Technology</i> , 2010, 101, 8581-8586.	9.6	182
3	Anaerobic digesters as a pretreatment for constructed wetlands. <i>Ecological Engineering</i> , 2008, 33, 54-67.	3.6	112
4	Anaerobic treatment of low-strength municipal wastewater by a two-stage pilot plant under psychrophilic conditions. <i>Bioresource Technology</i> , 2008, 99, 7051-7062.	9.6	82
5	Seasonal decomposition of <i>Typha latifolia</i> in a free-water surface constructed wetland. <i>Ecological Engineering</i> , 2006, 28, 99-105.	3.6	77
6	Start-up alternatives and performance of an UASB pilot plant treating diluted municipal wastewater at low temperature. <i>Bioresource Technology</i> , 2006, 97, 1640-1649.	9.6	71
7	Start-up of a microalgae-based treatment system within the biorefinery concept: from wastewater to bioproducts. <i>Water Science and Technology</i> , 2018, 78, 114-124.	2.5	53
8	Enhanced methane production from pig manure anaerobic digestion using fish and biodiesel wastes as co-substrates. <i>Bioresource Technology</i> , 2012, 123, 507-513.	9.6	51
9	Methane and carbon dioxide emissions from constructed wetlands receiving anaerobically pretreated sewage. <i>Science of the Total Environment</i> , 2015, 538, 824-833.	8.0	45
10	Nutrient removal from agricultural run-off in demonstrative full scale tubular photobioreactors for microalgae growth. <i>Ecological Engineering</i> , 2018, 120, 513-521.	3.6	39
11	Constructed wetlands and solar-driven disinfection technologies for sustainable wastewater treatment and reclamation in rural India: SWINGS project. <i>Water Science and Technology</i> , 2017, 76, 1474-1489.	2.5	33
12	Anaerobic hydrolysis of a municipal wastewater in a pilot-scale digester. <i>Water Science and Technology</i> , 2003, 47, 223-230.	2.5	29
13	Disinfection for decentralized wastewater reuse in rural areas through wetlands and solar driven onsite chlorination. <i>Science of the Total Environment</i> , 2020, 721, 137595.	8.0	25
14	Performance of a UASB-Digester System Treating Domestic Wastewater. <i>Environmental Technology (United Kingdom)</i> , 2004, 25, 1189-1199.	2.2	22
15	MUNICIPAL WASTEWATER TREATMENT IN AN ANAEROBIC DIGESTERâ€CONSTRUCTED WETLAND SYSTEM. <i>Environmental Technology (United Kingdom)</i> , 2008, 29, 1249-1256.	2.2	20
16	Application of horizontal flow constructed wetland and solar driven disinfection technologies for wastewater treatment in India. <i>Water Practice and Technology</i> , 2018, 13, 469-480.	2.0	20
17	Arsenic Removal from Groundwater by Solar Driven Inline-Electrolytic Induced Co-Precipitation and Filtrationâ€”A Long Term Field Test Conducted in West Bengal. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1167.	2.6	18
18	Feasibility of spent metalworking fluids as co-substrate for anaerobic co-digestion. <i>Bioresource Technology</i> , 2014, 155, 281-288.	9.6	16

#	ARTICLE	IF	CITATIONS
19	Hydrolytic anaerobic reactor and aerated constructed wetland systems for municipal wastewater treatment " HIGHWET project. Environmental Technology (United Kingdom), 2017, 38, 209-219.	2.2	12
20	The effect of vegetation harvest on the operation of a surface flow constructed wetland. Water S A, 2018, 34, 645.	0.4	12
21	Foundry sands as low-cost adsorbent material for Cr (VI) removal. Environmental Technology (United) Tj ETQq1 1 0,784314 rgBT /Ove	2.2	11
22	The Effect of Plant Harvesting on the Performance of a Free Water Surface Constructed Wetland. Environmental Engineering Science, 2008, 25, 1115-1122.	1.6	8
23	Design and performance evaluation of a highly loaded aerated treatment wetland managing effluents from a food processing industry in Denmark. Water Practice and Technology, 2015, 10, 644-651.	2.0	4