

Irene Jubany

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

825
citations

623734

14
h-index

580821

25
g-index

25
all docs

25
docs citations

25
times ranked

1036
citing authors

#	ARTICLE	IF	CITATIONS
1	Improvement of As(V) Adsorption by Reduction of Granular to Micro-Sized Ferric Hydroxide. Processes, 2022, 10, 1029.	2.8	3
2	Decreasing environmental impact of landfill leachate treatment by MBR, RO and EDR hybrid treatment. Environmental Technology (United Kingdom), 2021, 42, 3508-3522.	2.2	18
3	Improvement of Phosphate Adsorption Kinetics onto Ferric Hydroxide by Size Reduction. Water (Switzerland), 2021, 13, 1558.	2.7	6
4	Anaerobic Membrane Bioreactor (AnMBR) for the Treatment of Cheese Whey for the Potential Recovery of Water and Energy. Waste and Biomass Valorization, 2020, 11, 1821-1835.	3.4	16
5	Hydrolysis and Methanogenesis in UASB-AnMBR Treating Municipal Wastewater Under Psychrophilic Conditions: Importance of Reactor Configuration and Inoculum. Frontiers in Bioengineering and Biotechnology, 2020, 8, 567695.	4.1	17
6	Investigating the relationship between speciation and oral/lung bioaccessibility of a highly contaminated tailing: contribution in health risk assessment. Environmental Science and Pollution Research, 2020, 27, 40732-40748.	5.3	17
7	Coagulation-flocculation and moving bed biofilm reactor as pre-treatment for water recycling in the petrochemical industry. Science of the Total Environment, 2020, 715, 136800.	8.0	29
8	Synthesis and synthetic mechanism of Polylactic acid. Physical Sciences Reviews, 2020, .	0.8	7
9	Atmospheric dust characterisation in the mining district of Cartagena-La Unión, Spain: Air quality and health risks assessment. Science of the Total Environment, 2019, 693, 133496.	8.0	30
10	Use of nitrogen and oxygen isotopes of dissolved nitrate to trace field-scale induced denitrification efficiency throughout an in-situ groundwater remediation strategy. Science of the Total Environment, 2019, 686, 709-718.	8.0	24
11	Exploring the use of tertiary reclaimed water in dairy cattle production. Journal of Cleaner Production, 2019, 229, 964-973.	9.3	7
12	Water-Air Volatilization Factors to Determine Volatile Organic Compound (VOC) Reference Levels in Water. Toxics, 2014, 2, 276-290.	3.7	7
13	Human Health Risk Assessment of a landfill based on volatile organic compounds emission, immission and soil gas concentration measurements. Applied Geochemistry, 2014, 49, 218-224.	3.0	41
14	Life cycle and human health risk assessments as tools for decision making in the design and implementation of nanofiltration in drinking water treatment plants. Science of the Total Environment, 2014, 466-467, 377-386.	8.0	35
15	Ecological screening indicators of stress and risk for the Llobregat river water. Journal of Hazardous Materials, 2013, 263, 239-247.	12.4	13
16	Modelling enhanced groundwater denitrification in batch microcosm tests. Chemical Engineering Journal, 2010, 165, 2-9.	12.7	18
17	Expert control for a stable operation of a partial nitrification system to treat highly concentrated ammonium wastewater. Water Science and Technology, 2009, 60, 1191-1199.	2.5	8
18	Model-based study of nitrite accumulation with OUR control in two continuous nitrifying activated sludge configurations. Water Science and Technology, 2009, 60, 2685-2693.	2.5	2

#	ARTICLE	IF	CITATIONS
19	Automated thresholding method (ATM) for biomass fraction determination using FISH and confocal microscopy. <i>Journal of Chemical Technology and Biotechnology</i> , 2009, 84, 1140-1145.	3.2	39
20	Total and stable washout of nitrite oxidizing bacteria from a nitrifying continuous activated sludge system using automatic control based on Oxygen Uptake Rate measurements. <i>Water Research</i> , 2009, 43, 2761-2772.	11.3	113
21	Start-up of a nitrification system with automatic control to treat highly concentrated ammonium wastewater: Experimental results and modeling. <i>Chemical Engineering Journal</i> , 2008, 144, 407-419.	12.7	78
22	Model-based Design of a Control Strategy for Optimal Start-up of a High-Strength Nitrification System. <i>Environmental Technology (United Kingdom)</i> , 2007, 28, 185-194.	2.2	2
23	Respirometric estimation of the oxygen affinity constants for biological ammonium and nitrite oxidation. <i>Journal of Chemical Technology and Biotechnology</i> , 2005, 80, 388-396.	3.2	132
24	Respirometric calibration and validation of a biological nitrite oxidation model including biomass growth and substrate inhibition. <i>Water Research</i> , 2005, 39, 4574-4584.	11.3	48
25	Kinetic models for nitrification inhibition by ammonium and nitrite in a suspended and an immobilised biomass systems. <i>Process Biochemistry</i> , 2004, 39, 1159-1165.	3.7	115