

Mañel Rusalleda

List of Publications by Year in descending order

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24
papers

1,241
citations

471371

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642610

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docs citations

24
times ranked

1276
citing authors

#	ARTICLE	IF	CITATIONS
1	Scaling-Up and Long-Term Operation of a Full-Scale Two-Stage Partial Nitrification-Anammox System Treating Landfill Leachate. <i>Processes</i> , 2021, 9, 800.	1.3	18
2	Achieving nitrification repression in an SBR at mainstream conditions through inorganic carbon limitation. <i>International Biodeterioration and Biodegradation</i> , 2020, 147, 104865.	1.9	3
3	Potassium recovery from centrate: taking advantage of autotrophic nitrogen removal for multi-nutrient recovery. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 819-828.	1.6	15
4	Effect of suspended solids and its role on struvite formation from digested manure. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 2758-2765.	1.6	18
5	Towards a methodology for recovering struvite from manure. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 1558-1562.	1.6	14
6	Effects of extremely low bulk liquid DO on autotrophic nitrogen removal performance and NOB suppression in side- and mainstream one-stage PNA. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 2931-2941.	1.6	17
7	Hydrodynamic simulations and biological modelling of an Anammox reactor. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 1190-1197.	1.6	1
8	Assessment of operational conditions towards mainstream partial nitrification-anammox stability at moderate to low temperature: Reactor performance and bacterial community. <i>Chemical Engineering Journal</i> , 2018, 350, 192-200.	6.6	118
9	The ManureEcoMine pilot installation: advanced integration of technologies for the management of organics and nutrients in livestock waste. <i>Water Science and Technology</i> , 2017, 75, 1281-1293.	1.2	21
10	Phosphorus recovery through biologically induced precipitation by partial nitrification-anammox granular biomass. <i>Chemical Engineering Journal</i> , 2017, 327, 881-888.	6.6	72
11	Spectrometric characterization of the effluent dissolved organic matter from an anammox reactor shows correlation between the EEM signature and anammox growth. <i>Chemosphere</i> , 2014, 117, 271-277.	4.2	29
12	Sequentially aerated membrane biofilm reactors for autotrophic nitrogen removal: microbial community composition and dynamics. <i>Microbial Biotechnology</i> , 2014, 7, 32-43.	2.0	50
13	Anoxic phases are the main N ₂ O contributor in partial nitrification reactors treating high nitrogen loads with alternate aeration. <i>Bioresource Technology</i> , 2014, 163, 92-99.	4.8	42
14	Reply to Comment on "Modeling Nitrous Oxide Production during Biological Nitrogen Removal via Nitrification and Denitrification: Extensions to the General ASM Models". <i>Environmental Science & Technology</i> , 2013, 47, 11910-11911.	4.6	0
15	Nitrous oxide reduction genetic potential from the microbial community of an intermittently aerated partial nitrification SBR treating mature landfill leachate. <i>Water Research</i> , 2013, 47, 7066-7077.	5.3	70
16	Evaluation on the microbial interactions of anaerobic ammonium oxidizers and heterotrophs in Anammox biofilm. <i>Water Research</i> , 2012, 46, 4645-4652.	5.3	122
17	Effect of temperature on AOB activity of a partial nitrification SBR treating landfill leachate with extremely high nitrogen concentration. <i>Bioresource Technology</i> , 2012, 126, 283-289.	4.8	108
18	Modeling Nitrous Oxide Production during Biological Nitrogen Removal via Nitrification and Denitrification: Extensions to the General ASM Models. <i>Environmental Science & Technology</i> , 2011, 45, 7768-7776.	4.6	161

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19	The effect of urban landfill leachate characteristics on the coexistence of anammox bacteria and heterotrophic denitrifiers. <i>Water Science and Technology</i> , 2010, 61, 1065-1071.	1.2	30
20	Combining partial nitrification and heterotrophic denitrification for the treatment of landfill leachate previous to an anammox reactor. <i>Water Science and Technology</i> , 2010, 61, 1949-1955.	1.2	20
21	Long-term operation of a partial nitrification pilot plant treating leachate with extremely high ammonium concentration prior to an anammox process. <i>Bioresource Technology</i> , 2009, 100, 5624-5632.	4.8	78
22	Start-up and enrichment of a granular anammox SBR to treat high nitrogen load wastewaters. <i>Journal of Chemical Technology and Biotechnology</i> , 2008, 83, 233-241.	1.6	118
23	Operational strategy for a partial nitrification sequencing batch reactor treating urban landfill leachate to achieve a stable influent for an anammox reactor. <i>Journal of Chemical Technology and Biotechnology</i> , 2008, 83, 365-371.	1.6	25
24	Heterotrophic denitrification on granular anammox SBR treating urban landfill leachate. <i>Water Science and Technology</i> , 2008, 58, 1749-1755.	1.2	91