

# Nicolás Morales

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

878  
citations

516561

16  
h-index

610775

24  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1030  
citing authors

#	ARTICLE	IF	CITATIONS
1	Autotrophic nitrogen removal at low temperature. <i>Water Science and Technology</i> , 2011, 63, 1282-1288.	1.2	84
2	Integration of the Anammox process to the rejection water and main stream lines of WWTPs. <i>Chemosphere</i> , 2015, 140, 99-105.	4.2	80
3	Recovery of N and P from Urine by Struvite Precipitation Followed by Combined Stripping with Digester Sludge Liquid at Full Scale. <i>Water (Switzerland)</i> , 2013, 5, 1262-1278.	1.2	76
4	Long term operation of a granular sequencing batch reactor at pilot scale treating a low-strength wastewater. <i>Chemical Engineering Journal</i> , 2012, 198-199, 163-170.	6.6	72
5	Thermal pre-treatment of aerobic granular sludge: Impact on anaerobic biodegradability. <i>Water Research</i> , 2011, 45, 6011-6020.	5.3	57
6	The granular biomass properties and the acclimation period affect the partial nitrification/anammox process stability at a low temperature and ammonium concentration. <i>Process Biochemistry</i> , 2016, 51, 2134-2142.	1.8	52
7	Operation of an aerobic granular pilot scale SBR plant to treat swine slurry. <i>Process Biochemistry</i> , 2013, 48, 1216-1221.	1.8	49
8	Nitrite oxidizing bacteria suppression based on in-situ free nitrous acid production at mainstream conditions. <i>Separation and Purification Technology</i> , 2017, 186, 55-62.	3.9	48
9	Influence of dissolved oxygen concentration on the start-up of the anammox-based process: ELAN <sup>®</sup> . <i>Water Science and Technology</i> , 2015, 72, 520-527.	1.2	43
10	Performance and microbial features of the partial nitrification-anammox process treating fish canning wastewater with variable salt concentrations. <i>Journal of Environmental Management</i> , 2018, 208, 112-121.	3.8	43
11	Pilot-scale ELAN <sup>®</sup> process applied to treat primary settled urban wastewater at low temperature via partial nitrification-anammox processes. <i>Separation and Purification Technology</i> , 2018, 200, 94-101.	3.9	40
12	Start up of a pilot scale aerobic granular reactor for organic matter and nitrogen removal. <i>Journal of Chemical Technology and Biotechnology</i> , 2011, 86, 763-768.	1.6	39
13	Implications of full-scale implementation of an anammox-based process as post-treatment of a municipal anaerobic sludge digester operated with co-digestion. <i>Water Science and Technology</i> , 2014, 69, 1151-1158.	1.2	33
14	Aerobic granular-type biomass development in a continuous stirred tank reactor. <i>Separation and Purification Technology</i> , 2012, 89, 199-205.	3.9	32
15	Bacterial community dynamics in long-term operation of a pilot plant using aerobic granular sludge to treat pig slurry. <i>Biotechnology Progress</i> , 2016, 32, 1212-1221.	1.3	28
16	Enhancement of struvite pellets crystallization in a full-scale plant using an industrial grade magnesium product. <i>Water Science and Technology</i> , 2017, 75, 609-618.	1.2	25
17	Mainstream anammox reactor performance treating municipal wastewater and batch study of temperature, pH and organic matter concentration cross-effects. <i>Chemical Engineering Research and Design</i> , 2021, 145, 195-202.	2.7	16
18	Effect of coagulant-flocculant reagents on aerobic granular biomass. <i>Journal of Chemical Technology and Biotechnology</i> , 2012, 87, 908-913.	1.6	14

#	ARTICLE	IF	CITATIONS
19	Bottom-up approach in the assessment of environmental impacts and costs of an innovative anammox-based process for nitrogen removal. <i>Journal of Environmental Management</i> , 2018, 225, 112-119.	3.8	13
20	Effects of the cycle distribution on the performance of SBRs with aerobic granular biomass. <i>Environmental Technology (United Kingdom)</i> , 2013, 34, 1463-1472.	1.2	8
21	Digested blackwater treatment in a partial nitrification-anammox reactor under repeated starvation and reactivation periods. <i>Journal of Cleaner Production</i> , 2020, 244, 118733.	4.6	8
22	An optimised control system to steer the transition from anaerobic mono- to co-digestion in full-scale plants. <i>Environmental Science: Water Research and Technology</i> , 2019, 5, 1004-1011.	1.2	7
23	Is the ammonia stripping pre-treatment suitable for the nitrogen removal via partial nitrification-anammox of OFMSW digestate?. <i>Journal of Hazardous Materials</i> , 2021, 403, 123458.	6.5	7
24	Fouling Mitigation by Cationic Polymer Addition into a Pilot-Scale Anaerobic Membrane Bioreactor Fed with Blackwater. <i>Polymers</i> , 2020, 12, 2383.	2.0	4