

# Mã³nica Figueroa

## List of Publications by Year in descending order

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25  
papers

1,036  
citations

471371

17  
h-index

580701

25  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1220  
citing authors

#	ARTICLE	IF	CITATIONS
1	Relationship between microbial activity and microbial community structure in six full-scale anaerobic digesters. <i>Microbiological Research</i> , 2012, 167, 581-589.	2.5	186
2	Treatment of anaerobic sludge digester effluents by the CANON process in an air pulsing SBR. <i>Journal of Hazardous Materials</i> , 2009, 166, 336-341.	6.5	107
3	Treatment of saline wastewater in SBR aerobic granular reactors. <i>Water Science and Technology</i> , 2008, 58, 479-485.	1.2	93
4	Applications of Anammox based processes to treat anaerobic digester supernatant at room temperature. <i>Bioresource Technology</i> , 2009, 100, 2988-2994.	4.8	89
5	Is the CANON reactor an alternative for nitrogen removal from pre-treated swine slurry?. <i>Biochemical Engineering Journal</i> , 2012, 65, 23-29.	1.8	50
6	Nitrifying granular systems: A suitable technology to obtain stable partial nitrification at room temperature. <i>Separation and Purification Technology</i> , 2010, 74, 178-186.	3.9	49
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	Aerobic granular SBR systems applied to the treatment of industrial effluents. <i>Journal of Environmental Management</i> , 2012, 95, S88-S92.	3.8	44
9	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
10	Characteristics of nitrifying granules developed in an air pulsing SBR. <i>Process Biochemistry</i> , 2009, 44, 602-606.	1.8	36
11	Influence of gas flow-induced shear stress on the operation of the Anammox process in a SBR. <i>Chemosphere</i> , 2008, 72, 1687-1693.	4.2	32
12	Aerobic granular-type biomass development in a continuous stirred tank reactor. <i>Separation and Purification Technology</i> , 2012, 89, 199-205.	3.9	32
13	Influence of transitional states on the microbial ecology of anaerobic digesters treating solid wastes. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 2015-2027.	1.7	32
14	Treatment of high loaded swine slurry in an aerobic granular reactor. <i>Water Science and Technology</i> , 2011, 63, 1808-1814.	1.2	30
15	Post-treatment of effluents from anaerobic digesters by the Anammox process. <i>Water Science and Technology</i> , 2009, 60, 1135-1143.	1.2	27
16	A novel control strategy for enhancing biological N-removal in a granular sequencing batch reactor: A model-based study. <i>Chemical Engineering Journal</i> , 2013, 232, 468-477.	6.6	24
17	Anaerobic digestion of aerobic granular biomass: effects of thermal pretreatment and addition of primary sludge. <i>Journal of Chemical Technology and Biotechnology</i> , 2014, 89, 690-697.	1.6	24
18	Aerobic granulation in a mechanical stirred SBR: treatment of low organic loads. <i>Water Science and Technology</i> , 2011, 64, 155-161.	1.2	16

#	ARTICLE	IF	CITATIONS
19	Evaluation of natural zeolite as microorganism support medium in nitrifying batch reactors: Influence of zeolite particle size. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2012, 47, 420-427.	0.9	16
20	Effect of coagulant-flocculant reagents on aerobic granular biomass. <i>Journal of Chemical Technology and Biotechnology</i> , 2012, 87, 908-913.	1.6	14
21	Denitrifying activity via nitrite and N <sub>2</sub> O production using acetate and swine wastewater. <i>Process Biochemistry</i> , 2012, 47, 1202-1206.	1.8	12
22	How to cope with NOB activity and pig manure inhibition in a partial nitrification-anammox process?. <i>Separation and Purification Technology</i> , 2019, 212, 396-404.	3.9	11
23	Aerobic sludge granulation: state-of-the-art. <i>International Journal of Environmental Engineering</i> , 2009, 1, 136.	0.1	10
24	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
25	Population dynamics of nitrite oxidizers in nitrifying granules. <i>Water Science and Technology</i> , 2009, 60, 2529-2536.	1.2	6