

Dafne Crutchik

List of Publications by Year in descending order

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16
papers

425
citations

1040056
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docs citations

16
times ranked

558
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance of a two-stage partial nitrification-anammox system treating the supernatant of a sludge anaerobic digester pretreated by a thermal hydrolysis process. Chemical Engineering Journal, 2022, 429, 131301.	12.7	10
2	Techno-Economic Evaluation of Ozone Application to Reduce Sludge Production in Small Urban WWTPs. Sustainability, 2022, 14, 2480.	3.2	4
3	Municipal Wastewater Reuse: Is it a Competitive Alternative to Seawater Desalination?. Sustainability, 2021, 13, 6815.	3.2	5
4	Application of Anammox-Based Processes in Urban WWTPs: Are We on the Right Track?. Processes, 2021, 9, 1334.	2.8	4
5	Vermiproductivity, maturation and microbiological changes derived from the use of liquid anaerobic digestate during the vermicomposting of market waste. Water Science and Technology, 2020, 82, 1781-1794.	2.5	4
6	Polyhydroxyalkanoates (PHAs) Production: A Feasible Economic Option for the Treatment of Sewage Sludge in Municipal Wastewater Treatment Plants?. Water (Switzerland), 2020, 12, 1118.	2.7	62
7	Predicting Accumulation of Intermediate Compounds in Nitrification and Autotrophic Denitrification Processes: A Chemical Approach. BioMed Research International, 2019, 2019, 1-9.	1.9	1
8	Nitrogen and Phosphorus Recovery From Anaerobically Pretreated Agro-Food Wastes: A Review. Frontiers in Sustainable Food Systems, 2019, 2, .	3.9	58
9	Biorefinery of cellulosic primary sludge towards targeted Short Chain Fatty Acids, phosphorus and methane recovery. Water Research, 2018, 136, 112-119.	11.3	68
10	Evaluation of a low-cost magnesium product for phosphorus recovery by struvite crystallization. Journal of Chemical Technology and Biotechnology, 2018, 93, 1012-1021.	3.2	11
11	Enhancement of struvite pellets crystallization in a full-scale plant using an industrial grade magnesium product. Water Science and Technology, 2017, 75, 609-618.	2.5	25
12	Kinetics of the reversible reaction of struvite crystallisation. Chemosphere, 2016, 154, 567-572.	8.2	46
13	Precipitação química de estruvita: Recuperação de nutrientes em reator cônico de leito fluidizado utilizando magnésia industrial de baixo custo. Engenharia Sanitaria E Ambiental, 2015, 20, 259-268.	0.5	0
14	Simulation and experimental validation of multiple phosphate precipitates in a saline industrial wastewater. Separation and Purification Technology, 2013, 118, 81-88.	7.9	28
15	Struvite crystallization versus amorphous magnesium and calcium phosphate precipitation during the treatment of a saline industrial wastewater. Water Science and Technology, 2011, 64, 2460-2467.	2.5	92
16	Performance evaluation of a two-phase anaerobic digestion process of synthetic domestic wastewater at ambient temperature. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2009, 44, 673-681.	1.7	7