

juliana Calabria de Araújo

List of Publications by Year in descending order

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38
papers

1,073
citations

516710

16
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414414

32
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39
docs citations

39
times ranked

1433
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of hexamethyldisilazane and critical point drying treatments for SEM analysis of anaerobic biofilms and granular sludge. <i>Journal of Electron Microscopy</i> , 2003, 52, 429-433.	0.9	168
2	Microbial communities in anammox reactors: a review. <i>Environmental Technology Reviews</i> , 2017, 6, 74-93.	4.3	131
3	Effect of phenol on the nitrogen removal performance and microbial community structure and composition of an anammox reactor. <i>Bioresource Technology</i> , 2014, 166, 103-111.	9.6	99
4	Anammox for nitrogen removal from anaerobically pre-treated municipal wastewater: Effect of COD/N ratios on process performance and bacterial community structure. <i>Bioresource Technology</i> , 2016, 211, 257-266.	9.6	92
5	Effect of temperature on microbial diversity and nitrogen removal performance of an anammox reactor treating anaerobically pretreated municipal wastewater. <i>Bioresource Technology</i> , 2018, 258, 208-219.	9.6	90
6	How to use molecular biology tools for the study of the anaerobic digestion process?. <i>Reviews in Environmental Science and Biotechnology</i> , 2015, 14, 555-593.	8.1	60
7	Anammox bacteria enrichment and characterization from municipal activated sludge. <i>Water Science and Technology</i> , 2011, 64, 1428-1434.	2.5	46
8	Impact of inocula and operating conditions on the microbial community structure of two anammox reactors. <i>Environmental Technology (United Kingdom)</i> , 2014, 35, 1811-1822.	2.2	43
9	Inhibition of anammox activity by municipal and industrial wastewater pollutants: A review. <i>Science of the Total Environment</i> , 2021, 799, 149449.	8.0	40
10	DGGE with genomic DNA: Suitable for detection of numerically important organisms but not for identification of the most abundant organisms. <i>Water Research</i> , 2008, 42, 5002-5010.	11.3	37
11	Nitrogen removal by simultaneous partial nitrification, anammox and denitrification (SNAD) in a structured-bed reactor treating animal feed processing wastewater: Inhibitory effects and bacterial community. <i>International Biodeterioration and Biodegradation</i> , 2018, 133, 108-115.	3.9	31
12	Nitrogen removal from food waste digestate using partial nitrification-anammox process: Effect of different aeration strategies on performance and microbial community dynamics. <i>Journal of Environmental Management</i> , 2019, 251, 109562.	7.8	27
13	Effect of alkaline treatment on pathogens, bacterial community and antibiotic resistance genes in different sewage sludges for potential agriculture use. <i>Environmental Technology (United Kingdom)</i> , 2020, 41, 529-538.	2.2	25
14	Persulfate mediated solar photo-Fenton aiming at wastewater treatment plant effluent improvement at neutral PH: emerging contaminant removal, disinfection, and elimination of antibiotic-resistant bacteria. <i>Environmental Science and Pollution Research</i> , 2021, 28, 17355-17368.	5.3	23
15	Illumina sequencing-based analysis of a microbial community enriched under anaerobic methane oxidation condition coupled to denitrification revealed coexistence of aerobic and anaerobic methanotrophs. <i>Environmental Science and Pollution Research</i> , 2017, 24, 16751-16764.	5.3	20
16	Bacterial community involved in the nitrogen cycle in a down-flow sponge-based trickling filter treating UASB effluent. <i>Water Science and Technology</i> , 2015, 72, 116-122.	2.5	17
17	Microbial community and sulphur behaviour in phototrophic reactors treating UASB effluent under different operational conditions. <i>International Biodeterioration and Biodegradation</i> , 2017, 119, 486-498.	3.9	14
18	Metagenomic analysis and performance of a mesophilic anaerobic reactor treating food waste at various load rates. <i>Environmental Technology (United Kingdom)</i> , 2017, 38, 2153-2163.	2.2	12

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19	Metagenomic analysis of a desulphurisation system used to treat biogas from vinasse methanisation. Bioresource Technology, 2016, 205, 58-66.	9.6	11
20	Long-term monitoring of SARS-CoV-2 RNA in sewage samples from specific public places and STPs to track COVID-19 spread and identify potential hotspots. Science of the Total Environment, 2022, 838, 155959.	8.0	11
21	Enrichment and activity of methanotrophic microorganisms from municipal wastewater sludge. Environmental Technology (United Kingdom), 2015, 36, 1563-1575.	2.2	10
22	Impact of microaeration bioreactor on dissolved sulfide and methane removal from real UASB effluent for sewage treatment. Water Science and Technology, 2020, 81, 1951-1960.	2.5	8
23	Detecção e quantificação de bactérias resistentes aos antibióticos ampicilina e cloranfenicol em estações de tratamento de esgoto doméstico. Engenharia Sanitaria E Ambiental, 2020, 25, 847-857.	0.5	8
24	Evaluation of nitrogen removal and the microbial community in a submerged aerated biological filter (SABF), secondary decanters (SD), and horizontal subsurface flow constructed wetlands (HSSF-CW) for the treatment of kennel effluent. Environmental Science and Pollution Research, 2020, 27, 43125-43137.	5.3	7
25	Performance and bacterial diversity of bioreactors used for simultaneous removal of sulfide, solids and organic matter from UASB reactor effluents. Water Science and Technology, 2018, 78, 1312-1323.	2.5	6
26	Enhanced biodiesel industry wastewater treatment via a hybrid MBBR combined with advanced oxidation processes: analysis of active microbiota and toxicity removal. Environmental Science and Pollution Research, 2019, 26, 4521-4536.	5.3	6
27	Diversity and dynamics of ammonia-oxidizing bacterial communities in a sponge-based trickling filter treating effluent from a UASB reactor. Water Science and Technology, 2013, 68, 650-657.	2.5	5
28	Monitoramento do esgoto como ferramenta de vigilância epidemiológica para controle da COVID-19: estudo de caso na cidade de Belo Horizonte. Engenharia Sanitaria E Ambiental, 2021, 26, 691-699.	0.5	5
29	Studies of filter media for zero-discharge systems collecting light greywater. Environmental Technology (United Kingdom), 2017, 38, 2173-2184.	2.2	4
30	Nitrification in pilot-scale bioreactors fed with effluent from a submerged biological aerated filter used in the treatment of dog wastewater. Environmental Technology (United Kingdom), 2021, 42, 3852-3862.	2.2	4
31	Effects of activated sludge and UV disinfection processes on the bacterial community and antibiotic resistance profile in a municipal wastewater treatment plant. Environmental Science and Pollution Research, 2022, 29, 36088-36099.	5.3	4
32	Mainstream partial nitrification-anammox as post-treatment of anaerobic effluents under warm climate regions: a critical review of the reported drawbacks. Environmental Technology Reviews, 2021, 10, 143-160.	4.3	3
33	Comparação de métodos para quantificação de bactérias nitrificantes. Engenharia Sanitaria E Ambiental, 2018, 23, 299-305.	0.5	2
34	Aeration strategies and temperature effects on the partial nitrification/anammox process for nitrogen removal: performance and bacterial community assessment. Environmental Technology (United Kingdom), 2020, 41, 107-110.	2.0	1
35	Air-drying bed as an alternative treatment for UASB sludge under tropical conditions. Journal of Water Sanitation and Hygiene for Development, 2020, 10, 458-470.	1.8	1
36	Detection of methanotrophic microorganisms in sludge and sediment samples from sewage treatment systems. Water Practice and Technology, 2022, 17, 329-335.	2.0	1

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37	Methanotrophic activity and microbial community dynamics in a UASB sludge. Revista Ibero-americana De Ciências Ambientais, 2020, 12, 312-321.	0.1	1
38	Uma revisão sobre: tratamento biológico de drenagem de mina “cenário atualizado, perspectivas e recomendações de futuros trabalhos. Engenharia Sanitaria E Ambiental, 2021, 26, 69-76.	0.5	0