

# Andreia Filipa Salvador

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

937  
citations

687363

13  
h-index

642732

23  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1167  
citing authors

#	ARTICLE	IF	CITATIONS
1	Methane Production and Conductive Materials: A Critical Review. <i>Environmental Science &amp; Technology</i> , 2018, 52, 10241-10253.	10.0	291
2	Carbon nanotubes accelerate methane production in pure cultures of methanogens and in a syntrophic coculture. <i>Environmental Microbiology</i> , 2017, 19, 2727-2739.	3.8	127
3	Activity and Viability of Methanogens in Anaerobic Digestion of Unsaturated and Saturated Long-Chain Fatty Acids. <i>Applied and Environmental Microbiology</i> , 2013, 79, 4239-4245.	3.1	90
4	Continuous High Rate Anaerobic Treatment of Oleic Acid Based Wastewater is Possible after a Step Feeding Start-Up. <i>Environmental Science &amp; Technology</i> , 2009, 43, 2931-2936.	10.0	65
5	Toxicity of long chain fatty acids towards acetate conversion by <i>Methanosaeta concilii</i> and <i>Methanosarcina mazei</i> . <i>Microbial Biotechnology</i> , 2016, 9, 514-518.	4.2	52
6	Factors affecting polyhydroxyalkanoates biodegradation in soil. <i>Polymer Degradation and Stability</i> , 2020, 182, 109408.	5.8	45
7	Insight into the Role of Facultative Bacteria Stimulated by Microaeration in Continuous Bioreactors Converting LCFA to Methane. <i>Environmental Science &amp; Technology</i> , 2018, 52, 6497-6507.	10.0	38
8	Effect of short chain fructooligosaccharides (scFOS) on immunological status and gut microbiota of gilthead sea bream ( <i>Sparus aurata</i> ) reared at two temperatures. <i>Fish and Shellfish Immunology</i> , 2016, 49, 122-131.	3.6	37
9	Inhibition Studies with 2-Bromoethanesulfonate Reveal a Novel Syntrophic Relationship in Anaerobic Oleate Degradation. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	3.1	30
10	Principles, Advances, and Perspectives of Anaerobic Digestion of Lipids. <i>Environmental Science &amp; Technology</i> , 2022, 56, 4749-4775.	10.0	27
11	Endurance of methanogenic archaea in anaerobic bioreactors treating oleate-based wastewater. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 2211-2218.	3.6	22
12	Perspectives on carbon materials as powerful catalysts in continuous anaerobic bioreactors. <i>Water Research</i> , 2016, 101, 441-447.	11.3	21
13	Ciprofloxacin, diclofenac, ibuprofen and 17 $\beta$ -ethinylestradiol differentially affect the activity of acetogens and methanogens in anaerobic communities. <i>Ecotoxicology</i> , 2020, 29, 866-875.	2.4	19
14	UPI-API, reCOGnizer and KEGGCharter: Bioinformatics tools for functional annotation and visualization of (meta)-omics datasets. <i>Computational and Structural Biotechnology Journal</i> , 2022, 20, 1798-1810.	4.1	14
15	Long-Chain Fatty Acids Degradation by Desulfomonile Species and Proposal of <i>Desulfomonile Palmitatoxidans</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 539604.	3.5	13
16	Enhancement of methane production from 1-hexadecene by additional electron donors. <i>Microbial Biotechnology</i> , 2018, 11, 657-666.	4.2	11
17	Detoxification of Ciprofloxacin in an Anaerobic Bioprocess Supplemented with Magnetic Carbon Nanotubes: Contribution of Adsorption and Biodegradation Mechanisms. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2932.	4.1	9
18	Multi-Walled Carbon Nanotubes Enhance Methanogenesis from Diverse Organic Compounds in Anaerobic Sludge and River Sediments. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8184.	2.5	8

#	ARTICLE	IF	CITATIONS
19	Effect of Sub-Stoichiometric Fe(III) Amounts on LCFA Degradation by Methanogenic Communities. <i>Microorganisms</i> , 2020, 8, 1375.	3.6	6
20	Multiple and flexible roles of facultative anaerobic bacteria in microaerophilic oleate degradation. <i>Environmental Microbiology</i> , 2020, 22, 3650-3659.	3.8	4
21	Harnessing the Power of PCR Molecular Fingerprinting Methods and Next Generation Sequencing for Understanding Structure and Function in Microbial Communities. <i>Methods in Molecular Biology</i> , 2017, 1620, 225-248.	0.9	1
22	Corksorb Enhances Alkane Degradation by Hydrocarbonoclastic Bacteria. <i>Frontiers in Microbiology</i> , 2021, 12, 618270.	3.5	1