

Drivers of microbial community composition in mesophilic temperature-phased anaerobic digestion pre-treatment

Water Research

47, 7098-7108

DOI: [10.1016/j.watres.2013.07.053](https://doi.org/10.1016/j.watres.2013.07.053)

Citation Report

#	ARTICLE	IF	CITATIONS
1	<i>In situ</i> identification of the syntrophic protein fermentative <i>Coprothermobacter</i> spp. involved in the thermophilic anaerobic digestion process. FEMS Microbiology Letters, 2014, 358, 55-63.	0.7	11
2	Deterministic processes guide long-term synchronised population dynamics in replicate anaerobic digesters. ISME Journal, 2014, 8, 2015-2028.	4.4	328
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4	Regulation mechanisms in mixed and pure culture microbial fermentation. Biotechnology and Bioengineering, 2014, 111, 2139-2154.	1.7	87
5	Microbial Factories. , 2015, , .		14
6	Influence of zero valent scrap iron (ZVSI) supply on methane production from waste activated sludge. Chemical Engineering Journal, 2015, 263, 461-470.	6.6	160
7	Comprehensive microbial analysis of combined mesophilic anaerobic–thermophilic aerobic process treating high-strength food wastewater. Water Research, 2015, 73, 291-303.	5.3	62
8	Anaerobic co-digestion of biodiesel waste glycerin with municipal wastewater sludge: Microbial community structure dynamics and reactor performance. Bioresource Technology, 2015, 182, 8-17.	4.8	45
9	Bacterial community structure in treated sewage sludge with mesophilic and thermophilic anaerobic digestion. Folia Microbiologica, 2015, 60, 531-539.	1.1	18
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11	Performance and microbial community analysis of a pilot-scale UASB for corn-ethanol wastewater treatment. Biotechnology Letters, 2015, 37, 815-823.	1.1	3
12	Influence of temperature on volatile fatty acid production and microbial community structure during anaerobic fermentation of microalgae. Bioresource Technology, 2015, 191, 475-480.	4.8	59
13	Ecology and biotechnological potential of the thermophilic fermentative <i>Coprothermobacter</i> spp.. FEMS Microbiology Ecology, 2015, 91, .	1.3	66
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16	Thermophilic anaerobic digestion of thermal pretreated sludge: Role of microbial community structure and correlation with process performances. Water Research, 2015, 68, 498-509.	5.3	80
17	DNA and RNA Extraction and Quantitative Real-Time PCR-Based Assays for Biogas Biocenoses in an Interlaboratory Comparison. Bioengineering, 2016, 3, 7.	1.6	23
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20	Identification and genome reconstruction of abundant distinct taxa in microbiomes from one thermophilic and three mesophilic production-scale biogas plants. Biotechnology for Biofuels, 2016, 9, 156.	6.2	120
21	Correlations between bacterial populations and process parameters in four full-scale anaerobic digesters treating sewage sludge. Bioresource Technology, 2016, 214, 711-721.	4.8	35
22	Thermophilic sludge digestion improves energy balance and nutrient recovery potential in full-scale municipal wastewater treatment plants. Bioresource Technology, 2016, 218, 1237-1245.	4.8	86
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39	Hydrogenation of organic matter as a terminal electron sink sustains high CO ₂ :CH ₄ production ratios during anaerobic decomposition. <i>Organic Geochemistry</i> , 2017, 112, 22-32.	0.9	59
40	Biogas production from food waste via co-digestion and digestion- effects on performance and microbial ecology. <i>Scientific Reports</i> , 2017, 7, 17664.	1.6	75
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42	The effect of temperature and retention time on methane production and microbial community composition in staged anaerobic digesters fed with food waste. <i>Biotechnology for Biofuels</i> , 2017, 10, 302.	6.2	80
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