

Hyunjin Kim

List of Publications by Year in descending order

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papers

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9
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132
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolic cascade of complex organic wastes to medium-chain carboxylic acids: A review on the state-of-the-art multi-omics analysis for anaerobic chain elongation pathways. <i>Bioresource Technology</i> , 2022, 344, 126211.	9.6	27
2	Chain elongation process for caproate production using lactate as electron donor in <i>Megasphaera hexanoica</i> . <i>Bioresource Technology</i> , 2022, 346, 126660.	9.6	15
3	Dynamic Changes of Microbiome with the Utilization of Volatile Fatty Acids as Electron Donors for Denitrification. <i>Water (Switzerland)</i> , 2021, 13, 1556.	2.7	6
4	Complete Genome Sequence of <i>Methanothermobacter</i> sp. Strain THM-1, a Thermophilic and Hydrogenotrophic Methanogen Isolated from an Anaerobic Reactor in South Korea. <i>Microbiology Resource Announcements</i> , 2021, 10, e0058721.	0.6	1
5	Impact of feedstocks and downstream processing technologies on the economics of caproic acid production in fermentation by <i>Megasphaera elsdenii</i> T81. <i>Bioresource Technology</i> , 2020, 301, 122794.	9.6	13
6	Complete Genomic Sequence of the Thermophilic and Hydrogenotrophic Methanogen <i>Methanothermobacter</i> sp. Strain KEPCO-1. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	2
7	An Efficient New Process for the Selective Production of Odd-Chain Carboxylic Acids by Simple Carbon Elongation Using <i>Megasphaera hexanoica</i> . <i>Scientific Reports</i> , 2019, 9, 11999.	3.3	28
8	Evaluation of relationship between biogas production and microbial communities in anaerobic co-digestion. <i>Korean Journal of Chemical Engineering</i> , 2018, 35, 179-186.	2.7	6
9	New coculture system of <i>Clostridium</i> spp. and <i>Megasphaera hexanoica</i> using submerged hollow-fiber membrane bioreactors for caproic acid production. <i>Bioresource Technology</i> , 2018, 270, 498-503.	9.6	24