

Jaewook Myung

List of Publications by Year in descending order

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papers

566
citations

759233

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14
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768
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodegradation of 3D-Printed Biodegradable/Non-biodegradable Plastic Blends. ACS Applied Polymer Materials, 2022, 4, 5077-5090.	4.4	14
2	Bridging Three Gaps in Biodegradable Plastics: Misconceptions and Truths About Biodegradation. Frontiers in Chemistry, 2021, 9, 671750.	3.6	35
3	Identification of primary effecters of N2O emissions from full-scale biological nitrogen removal systems using random forest approach. Water Research, 2020, 184, 116144.	11.3	25
4	Evaluating a multi-panel air cathode through electrochemical and biotic tests. Water Research, 2019, 148, 51-59.	11.3	128
5	Copper current collectors reduce long-term fouling of air cathodes in microbial fuel cells. Environmental Science: Water Research and Technology, 2018, 4, 513-519.	2.4	22
6	A two-staged system to generate electricity in microbial fuel cells using methane. Chemical Engineering Journal, 2018, 352, 262-267.	12.7	31
7	Expanding the range of polyhydroxyalkanoates synthesized by methanotrophic bacteria through the utilization of omega-hydroxyalkanoate co-substrates. AMB Express, 2017, 7, 118.	3.0	55
8	Poly(hydroxyalkanoate)s from Waste Biomass: A Combined Chemical–Biological Approach. ChemistrySelect, 2016, 1, 2327-2331.	1.5	14
9	Low energy emulsion-based fermentation enabling accelerated methane mass transfer and growth of poly(3-hydroxybutyrate)-accumulating methanotrophs. Bioresource Technology, 2016, 207, 302-307.	9.6	35
10	Methane or methanol-oxidation dependent synthesis of poly(3-hydroxybutyrate-co-3-hydroxyvalerate) by obligate type II methanotrophs. Process Biochemistry, 2016, 51, 561-567.	3.7	49
11	Long-term cultivation of a stable Methylocystis -dominated methanotrophic enrichment enabling tailored production of poly(3-hydroxybutyrate-co-3-hydroxyvalerate). Bioresource Technology, 2015, 198, 811-818.	9.6	79
12	Production of Nitrous Oxide from Nitrite in Stable Type II Methanotrophic Enrichments. Environmental Science & Technology, 2015, 49, 10969-10975.	10.0	39
13	Disassembly and reassembly of polyhydroxyalkanoates: Recycling through abiotic depolymerization and biotic repolymerization. Bioresource Technology, 2014, 170, 167-174.	9.6	39