

Jaewook Myung

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8587530/publications.pdf>

Version: 2024-02-01

13
papers

566
citations

759233

12
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

768
citing authors

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