

Hyun Sook Lee

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

590
citations

840776

11
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

473
citing authors

#	ARTICLE	IF	CITATIONS
1	Acetate-assisted carbon monoxide fermentation of Clostridium sp. AWRP. Process Biochemistry, 2022, 113, 47-54.	3.7	7
2	Biological process for coproduction of hydrogen and thermophilic enzymes during CO fermentation. Bioresource Technology, 2020, 305, 123067.	9.6	6
3	Domestication of the novel alcohologenic acetogen Clostridium sp. AWRP: from isolation to characterization for syngas fermentation. Biotechnology for Biofuels, 2019, 12, 228.	6.2	28
4	Biohydrogen production of obligate anaerobic archaeon Thermococcus onnurineus NA1 under oxic conditions via overexpression of frhAGB-encoding hydrogenase genes. Biotechnology for Biofuels, 2019, 12, 24.	6.2	9
5	Transcriptomic profiling and its implications for the H ₂ production of a non-methanogen deficient in the frhAGB-encoding hydrogenase. Applied Microbiology and Biotechnology, 2017, 101, 5081-5088.	3.6	7
6	Adaptive evolution of a hyperthermophilic archaeon pinpoints a formate transporter as a critical factor for the growth enhancement on formate. Scientific Reports, 2017, 7, 6124.	3.3	14
7	A biological process effective for the conversion of CO-containing industrial waste gas to acetate. Bioresource Technology, 2016, 211, 792-796.	9.6	23
8	Adaptive engineering of a hyperthermophilic archaeon on CO and discovering the underlying mechanism by multi-omics analysis. Scientific Reports, 2016, 6, 22896.	3.3	23
9	A Novel CO-Responsive Transcriptional Regulator and Enhanced H ₂ Production by an Engineered Thermococcus onnurineus NA1 Strain. Applied and Environmental Microbiology, 2015, 81, 1708-1714.	3.1	31
10	Enhancing bio-hydrogen production from sodium formate by hyperthermophilic archaeon, Thermococcus onnurineus NA1. Bioprocess and Biosystems Engineering, 2015, 38, 989-993.	3.4	17
11	Characterization of the frhAGB-encoding hydrogenase from a non-methanogenic hyperthermophilic archaeon. Extremophiles, 2015, 19, 109-118.	2.3	12
12	One-carbon substrate-based biohydrogen production: Microbes, mechanism, and productivity. Biotechnology Advances, 2015, 33, 165-177.	11.7	66
13	Comparison of CO-dependent H ₂ production with strong promoters in Thermococcus onnurineus NA1. Applied Microbiology and Biotechnology, 2014, 98, 979-986.	3.6	14
14	CO-Dependent H ₂ Production by Genetically Engineered Thermococcus onnurineus NA1. Applied and Environmental Microbiology, 2013, 79, 2048-2053.	3.1	79
15	H ₂ production from CO, formate or starch using the hyperthermophilic archaeon, Thermococcus onnurineus. Biotechnology Letters, 2012, 34, 75-79.	2.2	52
16	Formate-driven growth coupled with H ₂ production. Nature, 2010, 467, 352-355.	27.8	202