

In Jin Cho

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

1,182
citations

1040056

9
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

1334
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural insight into molecular mechanism of poly(ethylene terephthalate) degradation. Nature Communications, 2018, 9, 382.	12.8	449
2	Rational Protein Engineering of Thermo-Stable PETase from <i>Ideonella sakaiensis</i> for Highly Efficient PET Degradation. ACS Catalysis, 2019, 9, 3519-3526.	11.2	307
3	Metabolic engineering for the synthesis of polyesters: A 100-year journey from polyhydroxyalkanoates to non-natural microbial polyesters. Metabolic Engineering, 2020, 58, 47-81.	7.0	138
4	Metabolic Engineering of <i>Escherichia coli</i> for the Production of 3-Hydroxypropionic Acid and Malonic Acid through l ² -Alanine Route. ACS Synthetic Biology, 2016, 5, 1256-1263.	3.8	90
5	Microbial Polyhydroxyalkanoates and Nonnatural Polyesters. Advanced Materials, 2020, 32, e1907138.	21.0	65
6	Markerless gene knockout and integration to express heterologous biosynthetic gene clusters in <i>Pseudomonas putida</i> . Metabolic Engineering, 2018, 47, 463-474.	7.0	53
7	Microbial production of fatty acids and derivative chemicals. Current Opinion in Biotechnology, 2020, 65, 129-141.	6.6	34
8	<i>Escherichia coli</i> as a platform microbial host for systems metabolic engineering. Essays in Biochemistry, 2021, 65, 225-246.	4.7	22
9	Biocatalytic synthesis of polylactate and its copolymers by engineered microorganisms. Methods in Enzymology, 2019, 627, 125-162.	1.0	13
10	Reply to "Conformational fitting of a flexible oligomeric substrate does not explain the enzymatic PET degradation". Nature Communications, 2019, 10, 5582.	12.8	9
11	Bacterial Polyesters: Microbial Polyhydroxyalkanoates and Nonnatural Polyesters (Adv. Mater.) Tj ETQq1 1 0.784314,rgBT /Overlock 107	21.8	2