

Young Jin Ko

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

195
citations

1040056

9
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

210
citing authors

#	ARTICLE	IF	CITATIONS
1	Studies of advanced lignin valorization based on various types of lignolytic enzymes and microbes. <i>Bioresource Technology</i> , 2019, 289, 121728.	9.6	42
2	Biosynthesis of organic photosensitizer Zn-porphyrin by diphtheria toxin repressor (DtxR)-mediated global upregulation of engineered heme biosynthesis pathway in <i>Corynebacterium glutamicum</i> . <i>Scientific Reports</i> , 2018, 8, 14460.	3.3	22
3	Enhanced CO ₂ fixation and lipid production of <i>Chlorella vulgaris</i> through the carbonic anhydrase complex. <i>Bioresource Technology</i> , 2020, 318, 124072.	9.6	22
4	Enhanced Production of 5-aminolevulinic Acid via Flux Redistribution of TCA Cycle toward l-Glutamate in <i>Corynebacterium glutamicum</i> . <i>Biotechnology and Bioprocess Engineering</i> , 2019, 24, 915-923.	2.6	20
5	Creating a New Pathway in <i>Corynebacterium glutamicum</i> for the Production of Taurine as a Food Additive. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 13454-13463.	5.2	19
6	Bio-based Production of Dimethyl Itaconate From Rice Wine Waste-derived Itaconic Acid. <i>Biotechnology Journal</i> , 2017, 12, 1700114.	3.5	18
7	Systems metabolic engineering of <i>Corynebacterium glutamicum</i> for the bioproduction of biliverdin via protoporphyrin independent pathway. <i>Journal of Biological Engineering</i> , 2019, 13, 28.	4.7	16
8	Enhanced biodegradation of waste poly(ethylene terephthalate) using a reinforced plastic degrading enzyme complex. <i>Science of the Total Environment</i> , 2022, 842, 156890.	8.0	15
9	Enhanced production of polyhydroxybutyrate from syngas by using nanoscaled cellulose particles with a syngas-converting enzyme complex immobilized on <i>Ralstonia eutropha</i> . <i>Journal of Cleaner Production</i> , 2021, 285, 124903.	9.3	11
10	Biomimetic magnetoelectric nanocrystals synthesized by polymerization of heme as advanced nanomaterials for biosensing application. <i>Biosensors and Bioelectronics</i> , 2018, 114, 1-9.	10.1	8
11	Enzymatic production of sugar from fungi and fungi-infected lignocellulosic biomass by a new cellulosomal enzyme harboring N-acetyl-l ² -d-glucosaminidase activity. <i>Bioresource Technology</i> , 2021, 319, 124242.	9.6	2