

Hong weon Lee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3624120/publications.pdf>

Version: 2024-02-01

29
papers

532
citations

686830

13
h-index

676716

22
g-index

30
all docs

30
docs citations

30
times ranked

631
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced isobutanol production from acetate by combinatorial overexpression of acetyl-CoA synthetase and anaplerotic enzymes in engineered <i>Escherichia coli</i> . <i>Biotechnology and Bioengineering</i> , 2018, 115, 1971-1978.	1.7	58
2	Translation elongation factor 1 α gene from <i>Pichia pastoris</i> : molecular cloning, sequence, and use of its promoter. <i>Applied Microbiology and Biotechnology</i> , 2007, 74, 601-608.	1.7	56
3	Genome-scale metabolic modeling and in silico analysis of lipid accumulating yeast <i>Candida tropicalis</i> for dicarboxylic acid production. <i>Biotechnology and Bioengineering</i> , 2016, 113, 1993-2004.	1.7	55
4	Protective efficacy of <i>Streptococcus iniae</i> derived enolase against Streptococcal infection in a zebrafish model. <i>Veterinary Immunology and Immunopathology</i> , 2016, 170, 25-29.	0.5	40
5	Enhanced isobutanol production from acetate by combinatorial overexpression of acetyl-CoA synthetase and anaplerotic enzymes in engineered <i>Escherichia coli</i> . <i>Biotechnology and Bioengineering</i> , 2018, 115, 1971.	1.7	34
6	Identification of novel immunogenic proteins in pathogenic <i>Haemophilus parasuis</i> based on genome sequence analysis. <i>Veterinary Microbiology</i> , 2011, 148, 89-92.	0.8	26
7	Combinatorial application of two aldehyde oxidoreductases on isobutanol production in the presence of furfural. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2016, 43, 37-44.	1.4	25
8	Development of a promising microbial platform for the production of dicarboxylic acids from biorenewable resources. <i>Biotechnology for Biofuels</i> , 2018, 11, 310.	6.2	23
9	Biotransformation of dicarboxylic acids from vegetable oil-derived sources: current methods and suggestions for improvement. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 1545-1555.	1.7	22
10	A novel regulatory element (E77) isolated from CHO-K1 genomic DNA enhances stable gene expression in Chinese hamster ovary cells. <i>Biotechnology Journal</i> , 2016, 11, 633-641.	1.8	21
11	Microbial production of sebacic acid from a renewable source: production, purification, and polymerization. <i>Green Chemistry</i> , 2019, 21, 6491-6501.	4.6	18
12	Complete genome sequence of the sulfur-oxidizing chemolithoautotrophic <i>Sulfurovum lithotrophicum</i> 42BKTT. <i>Standards in Genomic Sciences</i> , 2017, 12, 54.	1.5	17
13	Codon optimization of <i>Saccharomyces cerevisiae</i> mating factor alpha prepro-leader to improve recombinant protein production in <i>Pichia pastoris</i> . <i>Biotechnology Letters</i> , 2016, 38, 2137-2143.	1.1	15
14	Effect of decanoic acid and 10-hydroxydecanoic acid on the biotransformation of methyl decanoate to sebacic acid. <i>AMB Express</i> , 2018, 8, 75.	1.4	14
15	<i>GAL</i> promoter-driven heterologous gene expression in <i>Saccharomyces cerevisiae</i> strain at anaerobic alcoholic fermentation. <i>FEMS Yeast Research</i> , 2013, 13, 140-142.	1.1	13
16	Enhanced isobutanol production by co-production of polyhydroxybutyrate and cofactor engineering. <i>Journal of Biotechnology</i> , 2020, 320, 66-73.	1.9	12
17	Isolation and characterization of a novel μ -caprolactam-degrading microbe, <i>Acinetobacter calcoaceticus</i> , from industrial wastewater by chemostat-enrichment. <i>Biotechnology Letters</i> , 2013, 35, 2069-2072.	1.1	11
18	Characterization of the newly isolated γ -oxidizing yeast <i>Candida sorbophila</i> DS02 and its potential applications in long-chain dicarboxylic acid production. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 6333-6342.	1.7	9

#	ARTICLE	IF	CITATIONS
19	Production of Bio-Based Isoprene by the Mevalonate Pathway Cassette in <i>Ralstonia eutropha</i> . <i>Journal of Microbiology and Biotechnology</i> , 2019, 29, 1656-1664.	0.9	9
20	Radial scale-down of packed bed chromatography in a thin cylindrical tube for preparative media. <i>Process Biochemistry</i> , 2015, 50, 839-845.	1.8	8
21	Enhancement of L-Threonine Production by Controlling Sequential Carbon-Nitrogen Ratios during Fermentation. <i>Journal of Microbiology and Biotechnology</i> , 2018, 28, 293-297.	0.9	8
22	Identification of novel immunogenic proteins against <i>Streptococcus parauberis</i> in a zebrafish model by reverse vaccinology. <i>Microbial Pathogenesis</i> , 2019, 127, 56-59.	1.3	7
23	Engineered <i>Escherichia coli</i> strains as platforms for biological production of isoprene. <i>FEBS Open Bio</i> , 2020, 10, 780-788.	1.0	7
24	Overexpression of an alkaline lipase gene from <i>Proteus vulgaris</i> K80 in <i>Escherichia coli</i> BL21/pKLE. <i>Biotechnology Letters</i> , 2000, 22, 1543-1547.	1.1	6
25	Microcrystalline Cellulose for Delivery of Recombinant Protein-Based Antigen against Erysipelas in Mice. <i>BioMed Research International</i> , 2018, 2018, 1-7.	0.9	6
26	Development of novel on-line capillary gas chromatography-based analysis method for volatile organic compounds produced by aerobic fermentation. <i>Journal of Bioscience and Bioengineering</i> , 2019, 127, 121-127.	1.1	4
27	A single-plasmid vector for transgene amplification using short hairpin RNA targeting the 3' UTR of amplifiable dhfr. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 10117-10126.	1.7	3
28	Enhanced mating-type switching and sexual hybridization in heterothallic yeast <i>Yarrowia lipolytica</i> . <i>FEMS Yeast Research</i> , 2020, 20, .	1.1	3
29	In-vivo half-life and hypoglycemic bioactivity of a fusion protein of exenatide and elastin-based polypeptide from recombinant <i>Saccharomyces cerevisiae</i> . <i>Journal of Biotechnology</i> , 2019, 303, 16-24.	1.9	2