

Hong weon Lee

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29
papers

347
citations

10
h-index

17
g-index

30
ext. papers

435
ext. citations

4.1
avg, IF

2.99
L-index

#	Paper	IF	Citations
29	Engineered <i>Escherichia coli</i> strains as platforms for biological production of isoprene. <i>FEBS Open Bio</i> , 2020 , 10, 780-788	2.7	4
28	Enhanced isobutanol production by co-production of polyhydroxybutyrate and cofactor engineering. <i>Journal of Biotechnology</i> , 2020 , 320, 66-73	3.7	3
27	Enhanced mating-type switching and sexual hybridization in heterothallic yeast <i>Yarrowia lipolytica</i> . <i>FEMS Yeast Research</i> , 2020 , 20,	3.1	3
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	3.3	2
25	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	3.7	1
24	Production of Bio-Based Isoprene by the Mevalonate Pathway Cassette in. <i>Journal of Microbiology and Biotechnology</i> , 2019 , 29, 1656-1664	3.3	7
23	Microbial production of sebacic acid from a renewable source: production, purification, and polymerization. <i>Green Chemistry</i> , 2019 , 21, 6491-6501	10	6
22	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	5.7	13
21	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	3.8	4
20	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	4.9	35
19	Microcrystalline Cellulose for Delivery of Recombinant Protein-Based Antigen against Erysipelas in Mice. <i>BioMed Research International</i> , 2018 , 2018, 7670505	3	6
18	Effect of decanoic acid and 10-hydroxydecanoic acid on the biotransformation of methyl decanoate to sebacic acid. <i>AMB Express</i> , 2018 , 8, 75	4.1	10
17	Enhancement of L-Threonine Production by Controlling Sequential Carbon-Nitrogen Ratios during Fermentation. <i>Journal of Microbiology and Biotechnology</i> , 2018 , 28, 293-297	3.3	8
16	Development of a promising microbial platform for the production of dicarboxylic acids from biorenewable resources. <i>Biotechnology for Biofuels</i> , 2018 , 11, 310	7.8	12
15	Enhanced isobutanol production from acetate by combinatorial overexpression of acetyl-CoA synthetase and anaplerotic enzymes in engineered <i>Escherichia coli</i> 2018 , 115, 1971		1
14	Characterization of the newly isolated 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	5.7	9
13	Complete genome sequence of the sulfur-oxidizing chemolithoautotrophic 42BKT. <i>Standards in Genomic Sciences</i> , 2017 , 12, 54		12

12	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, 633-41	5.6	17
11	Protective efficacy of <i>Streptococcus iniae</i> derived enolase against Streptococcal infection in a zebrafish model. <i>Veterinary Immunology and Immunopathology</i> , 2016 , 170, 25-9	2	23
10	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	4.2	16
9	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	4.9	45
8	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	3	9
7	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, 10117-26	5.7	3
6	Radial scale-down of packed bed chromatography in a thin cylindrical tube for preparative media. <i>Process Biochemistry</i> , 2015 , 50, 839-845	4.8	7
5	Isolation and characterization of a novel β -lactam-degrading microbe, <i>Acinetobacter calcoaceticus</i> , from industrial wastewater by chemostat-enrichment. <i>Biotechnology Letters</i> , 2013 , 35, 2069-72	3	7
4	GALpromoter-driven heterologous gene expression in <i>Saccharomyces cerevisiae</i> strain at anaerobic alcoholic fermentation. <i>FEMS Yeast Research</i> , 2013 , 13, 140-142	3.1	8
3	Identification of novel immunogenic proteins in pathogenic <i>Haemophilus parasuis</i> based on genome sequence analysis. <i>Veterinary Microbiology</i> , 2011 , 148, 89-92	3.3	21
2	Translation elongation factor 1-alpha gene from <i>Pichia pastoris</i> : molecular cloning, sequence, and use of its promoter. <i>Applied Microbiology and Biotechnology</i> , 2007 , 74, 601-8	5.7	49
1	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	3	6