

Young-Wook Chin

List of Publications by Year in descending order

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17
papers

475
citations

840776

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888059

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docs citations

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times ranked

391
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced production of 2- <i>acetyl</i> -fucosyllactose in engineered <i>Escherichia coli</i> BL21star(DE3) by modulation of lactose metabolism and fucosyltransferase. <i>Journal of Biotechnology</i> , 2015, 210, 107-115.	3.8	87
2	Metabolic engineering of <i>Escherichia coli</i> to produce 2- <i>acetyl</i> -fucosyllactose via <i>salvage</i> pathway of guanosine 5'-diphosphate (GDP)-fucose. <i>Biotechnology and Bioengineering</i> , 2016, 113, 2443-2452.	3.3	73
3	Enhanced production of GDP-l-fucose by overexpression of NADPH regenerator in recombinant <i>Escherichia coli</i> . <i>Applied Microbiology and Biotechnology</i> , 2011, 91, 967-976.	3.6	51
4	Improved production of 2- <i>acetyl</i> -fucosyllactose in engineered <i>Escherichia coli</i> by expressing putative α -1,2-fucosyltransferase, <i>WcfB</i> from <i>Bacteroides fragilis</i> . <i>Journal of Biotechnology</i> , 2017, 257, 192-198.	3.8	47
5	Application of Natural Preservatives for Meat and Meat Products against Food-Borne Pathogens and Spoilage Bacteria: A Review. <i>Foods</i> , 2021, 10, 2418.	4.3	43
6	Enhanced production of 2- <i>acetyl</i> -fucosyllactose from fucose by elimination of rhamnose isomerase and arabinose isomerase in engineered <i>Escherichia coli</i> . <i>Biotechnology and Bioengineering</i> , 2019, 116, 2412-2417.	3.3	39
7	<i>CAR1</i> deletion by CRISPR/Cas9 reduces formation of ethyl carbamate from ethanol fermentation by <i>Saccharomyces cerevisiae</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2016, 43, 1517-1525.	3.0	35
8	Metabolic engineering of <i>Corynebacterium glutamicum</i> to produce GDP-l-fucose from glucose and mannose. <i>Bioprocess and Biosystems Engineering</i> , 2013, 36, 749-756.	3.4	30
9	Analysis of Volatile Compounds in Soju, a Korean Distilled Spirit, by SPME-Arrow-GC/MS. <i>Foods</i> , 2020, 9, 1422.	4.3	17
10	Effects of deletion of glycerol-3-phosphate dehydrogenase and glutamate dehydrogenase genes on glycerol and ethanol metabolism in recombinant <i>Saccharomyces cerevisiae</i> . <i>Bioprocess and Biosystems Engineering</i> , 2012, 35, 49-54.	3.4	16
11	Simultaneous production of 2- <i>acetyl</i> -fucosyllactose and difucosyllactose by engineered <i>Escherichia coli</i> with high secretion efficiency. <i>Biotechnology Journal</i> , 2022, 17, e2100629.	3.5	12
12	Complete genome sequence of <i>Leuconostoc garlicum</i> KCCM 43211 producing exopolysaccharide. <i>Journal of Biotechnology</i> , 2017, 246, 40-44.	3.8	9
13	CRISPR/Cas9-mediated Inactivation of arginase in a yeast strain isolated from Nuruk and its impact on the whole genome. <i>Journal of Biotechnology</i> , 2021, 341, 163-167.	3.8	6
14	Combinatorial Effects of Protective Agents on Survival Rate of the Yeast Starter, <i>Saccharomyces cerevisiae</i> 88-4, after Freeze-Drying. <i>Microorganisms</i> , 2021, 9, 613.	3.6	5
15	Comparison of Ethanol Fermentation Properties between Laboratorial and Industrial Yeast Strains using Cassava Hydrolysate. <i>Microbiology and Biotechnology Letters</i> , 2012, 40, 220-225.	0.4	2
16	By-product of Korean liquor fermented by <i>Saccharomyces cerevisiae</i> exhibits skin whitening activity. <i>Food Science and Biotechnology</i> , 2022, 31, 587-596.	2.6	2
17	Genome sequence of the potential probiotic eukaryote <i>Saccharomyces cerevisiae</i> KCCM 51299. <i>3 Biotech</i> , 2020, 10, 185.	2.2	1