Yoshihiro Usuda

List of Publications by Year
in descending order

22	848	567281 15	677142 22
papers	citations	h-index	g-index

23	23	23	971
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microbial Production Potential of Pantoea ananatis: From Amino Acids to Secondary Metabolites. Microorganisms, 2022, 10, 1133.	3.6	4
2	Fermentative production of enantiopure (S)-linalool using a metabolically engineered Pantoea ananatis. Microbial Cell Factories, 2021, 20, 54.	4.0	18
3	Stereospecific linalool production utilizing two-phase cultivation system in Pantoea ananatis. Journal of Biotechnology, 2020, 324, 21-27.	3.8	20
4	Production of glutamate and stereospecific flavors, (S)-linalool and (+)-valencene, by Synechocystis sp. PCC6803. Journal of Bioscience and Bioengineering, 2020, 130, 464-470.	2.2	15
5	Identification of enzymes responsible for extracellular alginate depolymerization and alginate metabolism in Vibrio algivorus. Applied Microbiology and Biotechnology, 2017, 101, 1581-1592.	3.6	18
6	Toward Sustainable Amino Acid Production. Advances in Biochemical Engineering/Biotechnology, 2016, 159, 289-304.	1.1	6
7	Impact of an energy-conserving strategy on succinate production under weak acidic and anaerobic conditions in Enterobacter aerogenes. Microbial Cell Factories, 2015, 14, 80.	4.0	9
8	Effects of Eliminating Pyruvate Node Pathways and of Coexpression of Heterogeneous Carboxylation Enzymes on Succinate Production by Enterobacter aerogenes. Applied and Environmental Microbiology, 2015, 81, 929-937.	3.1	16
9	Reduction of hydrogen peroxide stress derived from fatty acid beta-oxidation improves fatty acid utilization in Escherichia coli. Applied Microbiology and Biotechnology, 2014, 98, 629-639.	3.6	26
10	Study of the role of anaerobic metabolism in succinate production by Enterobacter aerogenes. Applied Microbiology and Biotechnology, 2014, 98, 7803-7813.	3.6	12
11	Analysis of l-glutamic acid fermentation by using a dynamic metabolic simulation model of Escherichia coli. BMC Systems Biology, 2013, 7, 92.	3.0	17
12	Identification of succinate exporter in Corynebacterium glutamicum and its physiological roles under anaerobic conditions. Journal of Biotechnology, 2011, 154, 25-34.	3.8	40
13	Dynamic modeling of Escherichia coli metabolic and regulatory systems for amino-acid production. Journal of Biotechnology, 2010, 147, 17-30.	3.8	52
14	Metabolic flux analysis in biotechnology processes. Biotechnology Letters, 2008, 30, 791-799.	2.2	51
15	Computerâ€aided rational design of the phosphotransferase system for enhanced glucose uptake in Escherichia coli. Molecular Systems Biology, 2008, 4, 160.	7.2	40
16	Altered Metabolic Flux due to Deletion of odhA causes l -Glutamate Overproduction in Corynebacterium glutamicum. Applied and Environmental Microbiology, 2007, 73, 1308-1319.	3.1	129
17	Complete Deficiency of 5â€²-Nucleotidase Activity in <i>Escherichia coli </i>Leads to Loss of Growth on Purine Nucleotides but Not of Their Excretion. Journal of Molecular Microbiology and Biotechnology, 2007, 13, 96-104.	1.0	14
18	Determination of metabolic flux changes during fed-batch cultivation from measurements of intracellular amino acids by LC-MS/MS. Journal of Biotechnology, 2007, 128, 93-111.	3.8	79

#	Article	IF	Citations
19	Theoretical analysis of amino acid-producing Escherichia coli using a stoichiometric model and multivariate linear regression. Journal of Bioscience and Bioengineering, 2006, 102, 34-40.	2.2	29
20	Effects of Deregulation of Methionine Biosynthesis on Methionine Excretion in Escherichia coli. Applied and Environmental Microbiology, 2005, 71, 3228-3234.	3.1	52
21	Comparative Complete Genome Sequence Analysis of the Amino Acid Replacements Responsible for the Thermostability of Corynebacterium efficiens. Genome Research, 2003, 13, 1572-1579.	5.5	194
22	Characterization of the cell surface protein gene of Corynebacterium ammoniagenes. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2001, 1522, 138-141.	2.4	7