Kiyotaka Y Hara

List of Publications by Year
in descending order

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29	890	567281 15	501196 28
papers	citations	h-index	g-index

29	29	29	1204
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A review of enzymes and microbes for lignocellulosic biorefinery and the possibility of their application to consolidated bioprocessing technology. Bioresource Technology, 2013, 135, 513-522.	9.6	288
2	ATP regulation in bioproduction. Microbial Cell Factories, 2015, 14, 198.	4.0	74
3	Development of microbial cell factories for bio-refinery through synthetic bioengineering. Journal of Biotechnology, 2013, 163, 204-216.	3.8	55
4	Development of bio-based fine chemical production through synthetic bioengineering. Microbial Cell Factories, 2014, 13, 173.	4.0	42
5	Improvement of glutathione production by metabolic engineering the sulfate assimilation pathway of Saccharomyces cerevisiae. Applied Microbiology and Biotechnology, 2012, 94, 1313-1319.	3.6	39
6	Enhancement of astaxanthin production in Xanthophyllomyces dendrorhous by efficient method for the complete deletion of genes. Microbial Cell Factories, 2016, 15, 155.	4.0	39
7	Transporter engineering in biomass utilization by yeast. FEMS Yeast Research, 2017, 17, .	2.3	35
8	An Efficient Method for Quantitative Determination of Cellular ATP Synthetic Activity. Journal of Biomolecular Screening, 2006, 11, 310-317.	2.6	33
9	Development of a multi-gene expression system in Xanthophyllomyces dendrorhous. Microbial Cell Factories, 2014, 13, 175.	4.0	33
10	Systematic genome-wide scanning for genes involved in ATP generation in Escherichia coli. Metabolic Engineering, 2009, 11, 1-7.	7.0	26
11	Glutathione production by efficient ATP-regeneratingEscherichia coliÃ¢Â€Âƒmutants. FEMS Microbiology Letters, 2009, 297, 217-224.	1.8	25
12	Extracellular glutathione fermentation using engineered Saccharomyces cerevisiae expressing a novel glutathione exporter. Applied Microbiology and Biotechnology, 2012, 96, 1021-1027.	3.6	24
13	5-Aminolevulinic acid fermentation using engineered Saccharomyces cerevisiae. Microbial Cell Factories, 2019, 18, 194.	4.0	24
14	Enzymatic glutathione production using metabolically engineered Saccharomyces cerevisiae as a whole-cell biocatalyst. Applied Microbiology and Biotechnology, 2011, 91, 1001-1006.	3.6	23
15	Evaluation and screening of efficient promoters to improve astaxanthin production in Xanthophyllomyces dendrorhous. Applied Microbiology and Biotechnology, 2014, 98, 6787-6793.	3.6	22
16	Development of astaxanthin production from citrus peel extract using Xanthophyllomyces dendrorhous. Environmental Science and Pollution Research, 2021, 28, 12640-12647.	5.3	16
17	Glutathione production from mannan-based bioresource by mannanase/mannosidase expressing Saccharomyces cerevisiae. Bioresource Technology, 2017, 245, 1400-1406.	9.6	15
18	Improvement of oxidized glutathione fermentation by thiol redox metabolism engineering in Saccharomyces cerevisiae. Applied Microbiology and Biotechnology, 2015, 99, 9771-9778.	3.6	13

#	Article	IF	Citations
19	Carotenoid Nostoxanthin Production by Sphingomonas sp. SG73 Isolated from Deep Sea Sediment. Marine Drugs, 2021, 19, 274.	4.6	13
20	Permeable Cell Assay: A Method for High-Throughput Measurement of Cellular ATP Synthetic Activity. Methods in Molecular Biology, 2009, 577, 251-258.	0.9	10
21	Optogenetic reprogramming of carbon metabolism using light-powering microbial proton pump systems. Metabolic Engineering, 2022, 72, 227-236.	7.0	10
22	ATP Photosynthetic vesicles for light-driven bioprocesses. Biotechnology Letters, 2011, 33, 1133-1138.	2.2	7
23	Screening of plant oils promoting growth of the red yeast Xanthophyllomyces dendrorhous with astaxanthin and fatty acid production. Biocatalysis and Agricultural Biotechnology, 2021, 35, 102101.	3.1	6
24	Evaluation of genes involved in oxidative phosphorylation in yeast by developing a simple and rapid method to measure mitochondrial ATP synthetic activity. Microbial Cell Factories, 2015, 14, 56.	4.0	5
25	A Method of Solubilizing and Concentrating Astaxanthin and Other Carotenoids. Marine Drugs, 2021, 19, 462.	4.6	5
26	Production of transglutaminase in glutathione-producing recombinant Saccharomyces cerevisiae. AMB Express, 2021, 11, 13.	3.0	4
27	Effect of ethanol on astaxanthin and fatty acid production in the red yeast Xanthophyllomyces dendrorhous. Journal of Applied Microbiology, 2022, 132, 2034-2041.	3.1	3
28	Effect of spent coffee grounds extract on astaxanthin production by Xanthophyllomyces dendrorhous. Bioresource Technology Reports, 2022, 17, 100953.	2.7	1
29	Active transglutaminase production from synthetic whey using engineered Saccharomyces cerevisiae. Bioresource Technology Reports, 2022, 19, 101154.	2.7	0