

Kiyotaka Y Hara

List of Publications by Year in descending order

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29
papers

890
citations

643344

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docs citations

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times ranked

1366
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of ethanol on astaxanthin and fatty acid production in the red yeast <i>Xanthophyllomyces dendrorhous</i> . <i>Journal of Applied Microbiology</i> , 2022, 132, 2034-2041.	1.4	3
2	Effect of spent coffee grounds extract on astaxanthin production by <i>Xanthophyllomyces dendrorhous</i> . <i>Bioresource Technology Reports</i> , 2022, 17, 100953.	1.5	1
3	Optogenetic reprogramming of carbon metabolism using light-powering microbial proton pump systems. <i>Metabolic Engineering</i> , 2022, 72, 227-236.	3.6	10
4	Active transglutaminase production from synthetic whey using engineered <i>Saccharomyces cerevisiae</i> . <i>Bioresource Technology Reports</i> , 2022, 19, 101154.	1.5	0
5	Development of astaxanthin production from citrus peel extract using <i>Xanthophyllomyces dendrorhous</i> . <i>Environmental Science and Pollution Research</i> , 2021, 28, 12640-12647.	2.7	16
6	Carotenoid Nostoxanthin Production by <i>Sphingomonas</i> sp. SG73 Isolated from Deep Sea Sediment. <i>Marine Drugs</i> , 2021, 19, 274.	2.2	13
7	A Method of Solubilizing and Concentrating Astaxanthin and Other Carotenoids. <i>Marine Drugs</i> , 2021, 19, 462.	2.2	5
8	Screening of plant oils promoting growth of the red yeast <i>Xanthophyllomyces dendrorhous</i> with astaxanthin and fatty acid production. <i>Biocatalysis and Agricultural Biotechnology</i> , 2021, 35, 102101.	1.5	6
9	Production of transglutaminase in glutathione-producing recombinant <i>Saccharomyces cerevisiae</i> . <i>AMB Express</i> , 2021, 11, 13.	1.4	4
10	5-Aminolevulinic acid fermentation using engineered <i>Saccharomyces cerevisiae</i> . <i>Microbial Cell Factories</i> , 2019, 18, 194.	1.9	24
11	Glutathione production from mannan-based bioresource by mannanase/mannosidase expressing <i>Saccharomyces cerevisiae</i> . <i>Bioresource Technology</i> , 2017, 245, 1400-1406.	4.8	15
12	Transporter engineering in biomass utilization by yeast. <i>FEMS Yeast Research</i> , 2017, 17, .	1.1	35
13	Enhancement of astaxanthin production in <i>Xanthophyllomyces dendrorhous</i> by efficient method for the complete deletion of genes. <i>Microbial Cell Factories</i> , 2016, 15, 155.	1.9	39
14	ATP regulation in bioproduction. <i>Microbial Cell Factories</i> , 2015, 14, 198.	1.9	74
15	Improvement of oxidized glutathione fermentation by thiol redox metabolism engineering in <i>Saccharomyces cerevisiae</i> . <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 9771-9778.	1.7	13
16	Evaluation of genes involved in oxidative phosphorylation in yeast by developing a simple and rapid method to measure mitochondrial ATP synthetic activity. <i>Microbial Cell Factories</i> , 2015, 14, 56.	1.9	5
17	Development of bio-based fine chemical production through synthetic bioengineering. <i>Microbial Cell Factories</i> , 2014, 13, 173.	1.9	42
18	Development of a multi-gene expression system in <i>Xanthophyllomyces dendrorhous</i> . <i>Microbial Cell Factories</i> , 2014, 13, 175.	1.9	33

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19	Evaluation and screening of efficient promoters to improve astaxanthin production in <i>Xanthophyllomyces dendrorhous</i> . <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 6787-6793.	1.7	22
20	A review of enzymes and microbes for lignocellulosic biorefinery and the possibility of their application to consolidated bioprocessing technology. <i>Bioresource Technology</i> , 2013, 135, 513-522.	4.8	288
21	Development of microbial cell factories for bio-refinery through synthetic bioengineering. <i>Journal of Biotechnology</i> , 2013, 163, 204-216.	1.9	55
22	Extracellular glutathione fermentation using engineered <i>Saccharomyces cerevisiae</i> expressing a novel glutathione exporter. <i>Applied Microbiology and Biotechnology</i> , 2012, 96, 1021-1027.	1.7	24
23	Improvement of glutathione production by metabolic engineering the sulfate assimilation pathway of <i>Saccharomyces cerevisiae</i> . <i>Applied Microbiology and Biotechnology</i> , 2012, 94, 1313-1319.	1.7	39
24	ATP Photosynthetic vesicles for light-driven bioprocesses. <i>Biotechnology Letters</i> , 2011, 33, 1133-1138.	1.1	7
25	Enzymatic glutathione production using metabolically engineered <i>Saccharomyces cerevisiae</i> as a whole-cell biocatalyst. <i>Applied Microbiology and Biotechnology</i> , 2011, 91, 1001-1006.	1.7	23
26	Glutathione production by efficient ATP-regenerating <i>Escherichia coli</i> mutants. <i>FEMS Microbiology Letters</i> , 2009, 297, 217-224.	0.7	25
27	Systematic genome-wide scanning for genes involved in ATP generation in <i>Escherichia coli</i> . <i>Metabolic Engineering</i> , 2009, 11, 1-7.	3.6	26
28	Permeable Cell Assay: A Method for High-Throughput Measurement of Cellular ATP Synthetic Activity. <i>Methods in Molecular Biology</i> , 2009, 577, 251-258.	0.4	10
29	An Efficient Method for Quantitative Determination of Cellular ATP Synthetic Activity. <i>Journal of Biomolecular Screening</i> , 2006, 11, 310-317.	2.6	33