Masami Nakazawa

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7965659/publications.pdf

Version: 2024-02-01

24	328	687363 13	888059 17
papers	citations	h-index	g-index

24	24	24	391
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Homogalacturonan and xylogalacturonan region specificity of self-cloning vector-expressed pectin methylesterases (AoPME1â€“3) in Aspergillus oryzae. Enzyme and Microbial Technology, 2021, 150, 109894.	3.2	5
2	NADPHâ€toâ€NADH conversion by mitochondrial transhydrogenase is indispensable for sustaining anaerobic metabolism in Euglena gracilis. FEBS Letters, 2021, , .	2.8	5
3	Determination of chemical structure of pea pectin by using pectinolytic enzymes. Carbohydrate Polymers, 2020, 231, 115738.	10.2	27
4	Characterization of three GH35 Î²-galactosidases, enzymes able to shave galactosyl residues linked to rhamnogalacturonan in pectin, from Penicillium chrysogenum 31B. Applied Microbiology and Biotechnology, 2020, 104, 1135-1148.	3.6	13
5	Taming chlorophylls by early eukaryotes underpinned algal interactions and the diversification of the eukaryotes on the oxygenated Earth. ISME Journal, 2019, 13, 1899-1910.	9.8	10
6	Crystal structure of exoâ€rhamnogalacturonan lyase from Penicillium chrysogenum as a member of polysaccharide lyase family 26. FEBS Letters, 2018, 592, 1378-1388.	2.8	16
7	Anaerobic respiration coupled with mitochondrial fatty acid synthesis in wax ester fermentation by Euglena gracilis. FEBS Letters, 2018, 592, 4020-4027.	2.8	16
8	Identification of a novel Penicillium chrysogenum rhamnogalacturonan rhamnohydrolase and the first report of a rhamnogalacturonan rhamnohydrolase gene. Enzyme and Microbial Technology, 2017, 98, 76-85.	3.2	20
9	C2 metabolism in Euglena. Advances in Experimental Medicine and Biology, 2017, 979, 39-45.	1.6	8
10	A novel Î±-galactosidase from Fusarium oxysporum and its application in determining the structure of the gum arabic side chain. Enzyme and Microbial Technology, 2017, 103, 25-33.	3.2	22
11	Physiological functions of pyruvate:NADP+ oxidoreductase and 2-oxoglutarate decarboxylase in Euglena gracilis under aerobic and anaerobic conditions. Bioscience, Biotechnology and Biochemistry, 2017, 81, 1386-1393.	1.3	17
12	Critical Involvement of Environmental Carbon Dioxide Fixation to Drive Wax Ester Fermentation in Euglena. PLoS ONE, 2016, 11, e0162827.	2.5	8
13	Production and Purification of Polyclonal Antibodies. Methods in Molecular Biology, 2016, 1474, 49-59.	0.9	7
14	Naringin lauroyl ester inhibits lipopolysaccharide-induced activation of nuclear factor ÎºB signaling in macrophages. Bioscience, Biotechnology and Biochemistry, 2016, 80, 1403-1409.	1.3	7
15	Identification and characterization of three Penicillium chrysogenum Î±-l-arabinofuranosidases (PcABF43B, PcABF51C, and AFQ1) with different specificities toward arabino-oligosaccharides. Enzyme and Microbial Technology, 2015, 73-74, 65-71.	3.2	14
16	Alteration of Wax Ester Content and Composition in Euglena gracilis with Gene Silencing of 3â€ketoacylâ€CoA Thiolase Isozymes. Lipids, 2015, 50, 483-492.	1.7	32
17	Molecular characterization of a Penicillium chrysogenum exo-rhamnogalacturonan lyase that is structurally distinct from other polysaccharide lyase family proteins. Applied Microbiology and Biotechnology, 2015, 99, 8515-8525.	3.6	14
18	Characterization of a Bifunctional Glyoxylate Cycle Enzyme, Malate Synthase/Isocitrate Lyase, of Euglena gracilis. Journal of Eukaryotic Microbiology, 2011, 58, 128-133.	1.7	15

#	Article	IF	Citations
19	Production and Purification of Polyclonal Antibodies. Methods in Molecular Biology, 2010, 657, 63-74.	0.9	4
20	Production and Purification of Monoclonal Antibodies. Methods in Molecular Biology, 2010, 657, 75-91.	0.9	10
21	Molecular characterization of a bifunctional glyoxylate cycle enzyme, malate synthase/isocitrate lyase, in Euglena gracilis. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2005, 141, 445-452.	1.6	20
22	Pyruvate:NADP+ oxidoreductase is stabilized by its cofactor, thiamin pyrophosphate, in mitochondria of Euglena gracilis. Archives of Biochemistry and Biophysics, 2003, 411, 183-188.	3.0	9
23	Occurrence of a novel NADP+-linked alcohol dehydrogenase in Euglena gracilis. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2002, 132, 535-540.	1.6	5
24	The origin of pyruvate:NADP+ oxidoreductase in mitochondria of Euglena gracilis. FEBS Letters, 2000, 479, 155-156.	2.8	24