

Yoko Chiba

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

187
citations

1163117

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h-index

1058476

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all docs

15
docs citations

15
times ranked

233
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery of PPI-type Phosphoenolpyruvate Carboxykinase Genes in Eukaryotes and Bacteria. Journal of Biological Chemistry, 2015, 290, 23960-23970.	3.4	33
2	Discovery and Analysis of Cofactor-dependent Phosphoglycerate Mutase Homologs as Novel Phosphoserine Phosphatases in <i>Hydrogenobacter thermophilus</i> . Journal of Biological Chemistry, 2012, 287, 11934-11941.	3.4	28
3	Mechanism for folate-independent aldolase reaction catalyzed by serine hydroxymethyltransferase. FEBS Journal, 2012, 279, 504-514.	4.7	20
4	Proteomic analysis of <i>Entamoeba histolytica</i> in vivo assembled pre-mRNA splicing complexes. Journal of Proteomics, 2014, 111, 30-45.	2.4	20
5	Structural Units Important for Activity of a Novel-type Phosphoserine Phosphatase from <i>Hydrogenobacter thermophilus</i> TK-6 Revealed by Crystal Structure Analysis. Journal of Biological Chemistry, 2013, 288, 11448-11458.	3.4	18
6	Phosphoserine Phosphatase Is Required for Serine and One-Carbon Unit Synthesis in <i>Hydrogenobacter thermophilus</i> . Journal of Bacteriology, 2017, 199, .	2.2	15
7	Isolation of a Bacterium Possessing a Haloacid Dehalogenase from a Marine Sediment Core. Microbes and Environments, 2009, 24, 276-279.	1.6	13
8	Phylogenetic Position of Aquificales Based on the Whole Genome Sequences of Six Aquificales Species. International Journal of Evolutionary Biology, 2012, 2012, 1-9.	1.0	10
9	Structural comparisons of phosphoenolpyruvate carboxykinases reveal the evolutionary trajectories of these phosphodiester energy conversion enzymes. Journal of Biological Chemistry, 2019, 294, 19269-19278.	3.4	10
10	Heterogeneity of the serine synthetic pathway in <i>Entamoeba</i> species. Molecular and Biochemical Parasitology, 2016, 207, 56-60.	1.1	7
11	Discovery and analysis of a novel type of the serine biosynthetic enzyme phosphoserine phosphatase in <i>Thermus thermophilus</i> . FEBS Journal, 2019, 286, 726-736.	4.7	7
12	Discovery of an intermolecular disulfide bond required for the thermostability of a heterodimeric protein from the thermophile <i>Hydrogenobacter thermophilus</i> . Bioscience, Biotechnology and Biochemistry, 2016, 80, 232-240.	1.3	3
13	Import of <i>Entamoeba histolytica</i> Mitosomal ATP Sulfurylase Relies on Internal Targeting Sequences. Microorganisms, 2020, 8, 1229.	3.6	2
14	Crystallization and preliminary X-ray diffraction analysis of a novel type of phosphoserine phosphatase from <i>Hydrogenobacter thermophilus</i> TK-6. Acta Crystallographica Section F: Structural Biology Communications, 2012, 68, 911-913.	0.7	1
15	Fragmentation of acetate-CoA ligase gives a clue to understand domain rearrangement history of NDP-forming acyl-CoA synthetase superfamily proteins. Bioscience, Biotechnology and Biochemistry, 2020, 84, 2045-2053.	1.3	0