

Alejandra Yep

List of Publications by Year in descending order

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687220

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docs citations

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465
citing authors

#	ARTICLE	IF	CITATIONS
1	The Crystal Structures of the Open and Catalytically Competent Closed Conformation of Escherichia coli Glycogen Synthase. <i>Journal of Biological Chemistry</i> , 2009, 284, 17796-17807.	1.6	81
2	Characterization of a thiamin diphosphate-dependent phenylpyruvate decarboxylase from <i>Saccharomyces cerevisiae</i> . <i>FEBS Journal</i> , 2011, 278, 1842-1853.	2.2	46
3	Saturation mutagenesis of putative catalytic residues of benzoylformate decarboxylase provides a challenge to the accepted mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 5733-5738.	3.3	44
4	Determinants of substrate specificity in KdcA, a thiamin diphosphate-dependent decarboxylase. <i>Bioorganic Chemistry</i> , 2006, 34, 325-336.	2.0	41
5	Snapshot of a Reaction Intermediate: Analysis of Benzoylformate Decarboxylase in Complex with a Benzoylphosphonate Inhibitor. <i>Biochemistry</i> , 2009, 48, 3247-3257.	1.2	32
6	Oligosaccharide Binding in <i>Escherichia coli</i> Glycogen Synthase. <i>Biochemistry</i> , 2009, 48, 10089-10097.	1.2	32
7	Identification and Characterization of a Critical Region in the Glycogen Synthase from <i>Escherichia coli</i> . <i>Journal of Biological Chemistry</i> , 2004, 279, 8359-8367.	1.6	27
8	The active site of the <i>Escherichia coli</i> glycogen synthase is similar to the active site of retaining GT-B glycosyltransferases. <i>Biochemical and Biophysical Research Communications</i> , 2004, 316, 960-966.	1.0	27
9	An assay for adenosine 5'-diphosphate (ADP)-glucose pyrophosphorylase that measures the synthesis of radioactive ADP-glucose with glycogen synthase. <i>Analytical Biochemistry</i> , 2004, 324, 52-59.	1.1	26
10	Detection and Time Course of Formation of Major Thiamin Diphosphate-Bound Covalent Intermediates Derived from a Chromophoric Substrate Analogue on Benzoylformate Decarboxylase. <i>Biochemistry</i> , 2009, 48, 981-994.	1.2	21
11	The ADP-glucose binding site of the <i>Escherichia coli</i> glycogen synthase. <i>Archives of Biochemistry and Biophysics</i> , 2006, 453, 188-196.	1.4	20
12	Engineering the Substrate Binding Site of Benzoylformate Decarboxylase. <i>Biochemistry</i> , 2009, 48, 8387-8395.	1.2	20
13	Eneidiol mimics as inhibitors of the d-arabinose 5-phosphate isomerase (KdsD) from <i>Francisella tularensis</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 2679-2682.	1.0	16
14	Using directed evolution to probe the substrate specificity of mandelamide hydrolase. <i>Protein Engineering, Design and Selection</i> , 2009, 22, 103-110.	1.0	6
15	Structural basis of substrate specificity in thiamin diphosphate dependent decarboxylases. <i>FASEB Journal</i> , 2006, 20, A471.	0.2	0
16	Identification of the Ionization State and pKa for Protonation of the 4-Aminopyrimidine Ring on Enzymes Utilizing Thiamin Diphosphate by Circular Dichroism Spectroscopy. <i>FASEB Journal</i> , 2007, 21, A1016.	0.2	0
17	Using saturation mutagenesis to replace putative catalytic residues in thiamin diphosphate dependent enzymes. <i>FASEB Journal</i> , 2007, 21, A1016.	0.2	0
18	An unassigned DAHP synthase activity found only in pathogenic <i>Escherichia coli</i> strains. <i>FASEB Journal</i> , 2011, 25, 967.8.	0.2	0