

# Alejandra Yep

## List of Publications by Year in descending order

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