

CITATION REPORT

List of articles citing

Investigations of the partial reactions catalyzed by pyruvate phosphate dikinase

DOI: 10.1021/bi00402a020
Biochemistry, 1988, 27, 625-33.

Source: <https://exaly.com/paper-pdf/19707535/citation-report.pdf>

Version: 2024-04-29

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
35	Coordination of manganous ion at the active site of pyruvate, phosphate dikinase: the complex of oxalate with the phosphorylated enzyme. <i>Biochemistry</i> , 1988 , 27, 4781-7	3.2	14
34	Elucidation of the 2-aminoethylphosphonate biosynthetic pathway in <i>Tetrahymena pyriformis</i> . <i>Biochemical and Biophysical Research Communications</i> , 1988 , 153, 177-82	3.4	18
33	Positional isotope exchange using phosphorus-31 nuclear magnetic resonance. <i>Methods in Enzymology</i> , 1989 , 177, 390-403	1.7	7
32	Analysis of sequence homologies in plant and bacterial pyruvate phosphate dikinase, enzyme I of the bacterial phosphoenolpyruvate: sugar phosphotransferase system and other PEP-utilizing enzymes. Identification of potential catalytic and regulatory motifs. <i>Biochemistry</i> , 1990 , 29, 10757-65	3.2	89
31	High-performance liquid chromatographic determination of pyrophosphate in the presence of a 20,000-fold excess of orthophosphate. <i>Analytical Biochemistry</i> , 1991 , 199, 279-85	3.1	18
30	Cloning and nucleotide sequence of the <i>Escherichia coli</i> K-12 ppsA gene, encoding PEP synthase. <i>Molecular Genetics and Genomics</i> , 1992 , 231, 332-6		55
29	Positional isotope exchange as probe of enzyme action. <i>Methods in Enzymology</i> , 1995 , 249, 398-425	1.7	5
28	Determination of the nucleotide binding site within <i>Clostridium symbiosum</i> pyruvate phosphate dikinase by photoaffinity labeling, site-directed mutagenesis, and structural analysis. <i>Biochemistry</i> , 1996 , 35, 8544-52	3.2	20
27	Swiveling-domain mechanism for enzymatic phosphotransfer between remote reaction sites. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 2652-7	11.5	131
26	Identification of a Phosphorylated Enzyme Intermediate in the Catalytic Mechanism for Selenophosphate Synthetase. <i>Journal of the American Chemical Society</i> , 1997 , 119, 6684-6685	16.4	28
25	Expression and characterization of recombinant pyruvate phosphate dikinase from <i>Entamoeba histolytica</i> . <i>BBA - Proteins and Proteomics</i> , 1998 , 1382, 47-54		32
24	Location of the phosphate binding site within <i>Clostridium symbiosum</i> pyruvate phosphate dikinase. <i>Biochemistry</i> , 1998 , 37, 13463-74	3.2	21
23	Purification and characterization of recombinant pyruvate phosphate dikinase from <i>Giardia</i> . <i>Molecular and Biochemical Parasitology</i> , 1999 , 104, 157-69	1.9	17
22	Intermediates and energetics in pyruvate phosphate dikinase. <i>Methods in Enzymology</i> , 1999 , 308, 149-76	1.7	5
21	Identification of domain-domain docking sites within <i>Clostridium symbiosum</i> pyruvate phosphate dikinase by amino acid replacement. <i>Journal of Biological Chemistry</i> , 2000 , 275, 41156-65	5.4	10
20	Investigation of the role of the domain linkers in separate site catalysis by <i>Clostridium symbiosum</i> pyruvate phosphate dikinase. <i>Biochemistry</i> , 2001 , 40, 13466-73	3.2	5
19	Investigation of the catalytic site within the ATP-grasp domain of <i>Clostridium symbiosum</i> pyruvate phosphate dikinase. <i>Journal of Biological Chemistry</i> , 2001 , 276, 37630-9	5.4	14

18	Enzymatic synthesis of radiolabeled phosphonoacetaldehyde. <i>Analytical Biochemistry</i> , 2003 , 322, 233-7	3.1	6
17	Nonenzymatic breakdown of the tetrahedral (alpha-carboxyketal phosphate) intermediates of MurA and AroA, two carboxyvinyl transferases. Protonation of different functional groups controls the rate and fate of breakdown. <i>Journal of the American Chemical Society</i> , 2003 , 125, 12541-50	16.4	19
16	Kinetic mechanism and metabolic role of pyruvate phosphate dikinase from <i>Entamoeba histolytica</i> . <i>Journal of Biological Chemistry</i> , 2004 , 279, 54124-30	5.4	21
15	Examination of the structure, stability, and catalytic potential in the engineered phosphoryl carrier domain of pyruvate phosphate dikinase. <i>Biochemistry</i> , 2006 , 45, 1702-11	3.2	8
14	Detecting ricin: sensitive luminescent assay for ricin A-chain ribosome depurination kinetics. <i>Analytical Chemistry</i> , 2009 , 81, 2847-53	7.8	62
13	The ATP-grasp enzymes. <i>Bioorganic Chemistry</i> , 2011 , 39, 185-91	5.1	112
12	Colorimetric inorganic pyrophosphate assay using a double cycling enzymatic method. <i>Analytical Biochemistry</i> , 2011 , 416, 61-6	3.1	6
11	Luciferase-based assay for adenosine: application to S-adenosyl-L-homocysteine hydrolase. <i>Analytical Chemistry</i> , 2012 , 84, 3593-8	7.8	20
10	Design, synthesis, and evaluation of inhibitors of pyruvate phosphate dikinase. <i>Journal of Organic Chemistry</i> , 2013 , 78, 1910-22	4.2	10
9	Arginine residues on the opposite side of the active site stimulate the catalysis of ribosome depurination by ricin A chain by interacting with the P-protein stalk. <i>Journal of Biological Chemistry</i> , 2013 , 288, 30270-30284	5.4	32
8	Histone H2A and H4 N-terminal tails are positioned by the MEP50 WD repeat protein for efficient methylation by the PRMT5 arginine methyltransferase. <i>Journal of Biological Chemistry</i> , 2015 , 290, 9674-89	5.4	58
7	Active site and remote contributions to catalysis in methylthioadenosine nucleosidases. <i>Biochemistry</i> , 2015 , 54, 2520-9	3.2	9
6	Enzymatic strategies and biocatalysts for amide bond formation: tricks of the trade outside of the ribosome. <i>Molecular BioSystems</i> , 2015 , 11, 338-53		76
5	Substrate Specificity and Chemical Mechanism for the Reaction Catalyzed by Glutamine Kinase. <i>Biochemistry</i> , 2018 , 57, 5447-5455	3.2	10
4	Hysteresis of pyruvate phosphate dikinase from <i>Trypanosoma cruzi</i> . <i>Parasitology Research</i> , 2021 , 120, 1421-1428	2.4	
3	Biosynthesis and Degradation. 2001 , 1215-1323		0
2	Biosynthesis and Degradation. 2001 , 1215-1323		
1	The Organization of Metabolism. 2001 , 939-1011		

