PUBLICATIONS OF ROBERT KELLOGG CRANE

1. Crane, R.K., The distribution of phosphorus in the unfertilized egg of Arbacia punctulata  

2. Crane, R.K. and Keltch, A.K., Dinitrocresol and phosphate stimulation of the oxygen  
consumption of a cell-free oxidative system obtained from sea urchin eggs  

3. Crane, R.K. and Ball, E.G., Factors affecting the fixation of C1402 by animal tissues  
*J. Biol. Chem.* 188: 819-832, 1951

4. Crane, R.K. and Ball, E.G., Relationship of C1402 fixation to carbohydrate metabolism in  
retina  
*J. Biol. Chem.* 189: 269-276, 1951

phosphate bond generation  
*J. Biol. Chem.* 201: 245-246, 1953

*J. Biol. Chem.* 201: 235-243, 1953

7. Crane, R.K. and Sols, A., The association of hexokinase with particulate fractions of brain and  
other tissue homogenates  

consumo de oxigeno y en la captacion de fosforo por mitocondrias aisladas de higado de rata  
*Bol. Soc. Biol.*. Chile 10: 54-58, 1953

9. Crane, R.K. and Sols, A., The non-competitive inhibition of brain hexokinase by glucose 6-  
phosphate and related compounds  

10. Sols, A. and Crane, R.K., Substrate specificity of brain hexokinase  

11. Sols, A. and Crane, R.K., The inhibition of brain hexokinase by adenosinediphosphate and  
sulfhydryl reagents  

12. Crane, R.K., The substrate specificity of liver glucose 6-phosphatase  


*Biochim. Biophys. Acta* 211: 244-254, 1970

81. Caspary, W.F. and Crane, R.K., Active transport of myoinositol and its relation to the sugar transport system in hamster intestine  


84. Crane, R.K., Reactions and interactions in intestinal sugar transport in  


*Gastroenterology* 62: 572-582, 1972

88. Schmitz, J., Preiser, H., Maestracci, D., Ghosh, B.K., Cerda, J.J. and Crane, R.K., Purification of the human intestinal brush border membrane  

89. Malathi, P., Ramaswamy, K., Caspary, W.F. and Crane, R.K. Studies on the transport of glucose from disaccharides by hamster small intestine I. Evidence for a disaccharidase-related transport system  

90. Maestracci, D., Schmitz, J., Preiser, H. and Crane, R.K. Proteins and glycoproteins of the human intestinal brush border membrane  

91. Crane, R.K., Digestive-absorptive organization in the brush border membrane in Intestinal enzyme deficiencies and their nutritional implications  

92. Preiser, H., Menard, D., Crane, R.K. and Cerda, J.J. Deletion of enzyme protein from the brush border membrane in sucrase-isomaltase deficiency  


120. Crane, R.K., Boge, G. and Rigal, A., Isolation of brush border membranes in vesicular form from the intestinal spiral valve of the small dogfish (Scyliorhinus canicula) Biochim. Biophys. Acta 554: 264-267, 1979


125. Crane, R.K., Intestinal structure and function related to toxicity Environmental Health Perspectives 33: 3-8, 1979


