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Conflict of Interest: D. F. Klein; D. E. Kosland Jr.

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Evidence Suggesting Superconductivity at 250 K in a Sequentially Deposited Cuprate Film


The Transition State of the F + H₂ Reaction


Nitrogen-15 and Oxygen-18 Characteristics of Nitrous Oxide: A Global Perspective

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D. Walker, L. Norby, J. H. Jones

Orphan Strontium-87 in Abyssal Peridotites: Daddy Was a Granite

J. E. Snow, S. R. Hart, H. J. B. Dick

The Crystal Structure of Lysin, a Fertilization Protein

A. Shaw, D. E. McRee, V. D. Vacquier, C. D. Stout

A Functional Recombinant Myosin II Lacking a Regulatory Light Chain-Binding Site

T. Q. P. Uyeda and J. A. Spudich

Isolation of ORC6, a Component of the Yeast Origin Recognition Complex by a One-Hybrid System

J. J. Li and I. Herskowitz

Sharing of the Interleukin-2 (IL-2) Receptor γ Chain Between Receptors for IL-2 and IL-4

M. Kondo, T. Takeshita, N. Ishii, M. Nakamura, S. Watanabe, K.-I. Arii, K. Sugamura

Interleukin-2 Receptor γ Chain: A Functional Component of the Interleukin-7 Receptor


Interleukin-2 Receptor γ Chain: A Functional Component of the Interleukin-4 Receptor


Active Oxygen Species in the Induction of Plant Systemic Acquired Resistance by Salicylic Acid

Z. Chen, H. Silva, D. F. Klessig

Functional Requirement of a Site-Specific Ribose Methylation in Ribosomal RNA

K. Sirum-Connolly and T. L. Mason

Inhibition of Transcriptional Regulator Yin-Yang-1 by Association with c-Myc

A. Shrivastava, S. Saleque, G. V. Kalpana, S. Artauti, S. P. Goff, K. Calame

Attachment of Helicobacter pylori to Human Gastric Epithelium Mediated by Blood Group Antigens

T. Borén, P. Falk, K. A. Roth, G. Larson, S. Normark

Separate GTP Binding and GTPase Activating Domains of a GST Subunit

D. W. Markby, R. Ohrnert, H. R. Bourne

Linearity of Summation of Synaptic Potentials Underlying Direction Selectivity in Simple Cells of the Cat Visual Cortex

B. Jagadeesh, H. S. Wheat, D. Ferster

Model of the protein lysin superimposed on the shells of a red abalone. To fertilize the egg, the abalone spermazoon must disrupt the protective vitelline envelope. Lysin binds to the filamentous glycoproteins that form the envelope and creates a hole by means of a nonenzymatic process. The lysin-glycoprotein association also contributes to the species recognition between sperm and egg. See page 1864. [Cover design: Peggy Myer. Digital photography: Bob Turner. Molecular model: Mike Pique]
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