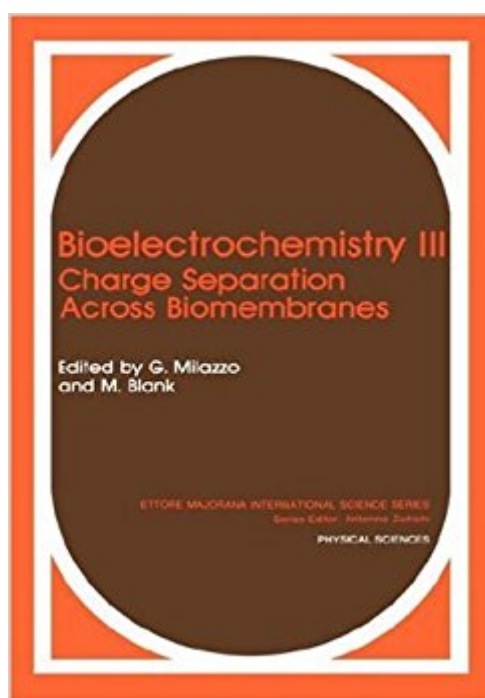


The book was found

Bioelectrochemistry III. Charge Separation Across Biomembranes. (Ettore Majorana International Science Series: Physical Sciences) (No. 3)



Synopsis

This book contains a series of review papers related to the lectures given at the Third Course on Bioelectrochemistry held at Erice in November 1988, in the framework of the International School of Biophysics. The topics covered by this course, "Charge Separation Across Biomembranes," deal with the electrochemical aspects of some basic phenomena in biological systems, such as transport of ions, ATP synthesis, formation and maintenance of ionic and protonic gradients. In the first part of the course some preliminary lectures introduce the students to the most basic phenomena and technical aspects of membrane bioelectrochemistry. The remaining part of the course is devoted to the description of a selected group of membrane-enzyme systems, capable of promoting, or exploiting, the processes of separation of electrically charged entities (electrons or ions) across the membrane barrier. These systems are systematically discussed both from a structural and functional point of view. The effort of the many distinguished lecturers who contributed to the course is aimed at offering a unifying treatment of the electrogenic systems operating in biological membranes, underlying the fundamental differences in the molecular mechanisms of charge translocation.

Book Information

Hardcover: 338 pages

Publisher: Springer; 1990 edition (January 31, 1991)

Language: English

ISBN-10: 030643606X

ISBN-13: 978-0306436062

Product Dimensions: 7 x 0.8 x 10 inches

Shipping Weight: 1.8 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #4,008,352 in Books (See Top 100 in Books) #20 in Books > Science & Math > Biological Sciences > Bioelectricity #214 in Books > Science & Math > Chemistry > Electrochemistry #855 in Books > Science & Math > Biological Sciences > Biophysics

[Download to continue reading...](#)

Bioelectrochemistry III. Charge Separation Across Biomembranes. (Ettore Majorana International Science Series: Physical Sciences) (No. 3) General Topology: Chapters 1-4 (Ettore Majorana International Science) Separation Anxiety: A Parent's Guide for Dealing with a Child's Separation Anxiety ~ (Separation Anxiety Disorder | Separation Anxiety in Children or Toddlers)

Bioelectrochemistry IV: Nerve Muscle Function-Bioelectrochemistry, Mechanisms, Bioenergetics and Control (Nato Science Series: A:) Bioelectrochemistry of Cells and Tissues
(Bioelectrochemistry: Principles and Practice) Bioelectrochemistry: General Introduction
(Bioelectrochemistry, Vol 1) Bioelectrochemistry of Biomacromolecules (Bioelectrochemistry (Birkhauser Verlag), Vol 5) [ENDOMETRIOSIS: THE COMPLETE REFERENCE FOR TAKING CHARGE OF YOUR HEALTH THE COMPLETE REFERENCE FOR TAKING CHARGE OF YOUR HEALTH] By Ballweg, Mary Lou (Author) 2003 [Paperback] Ettore Sottsass (New Edition) Jewelry International III: Volume III Mathematics and Computer Science in Medical Imaging (Nato a S I Series Series III, Computer and Systems Sciences) Bioelectrochemistry I: Biological Redox Reactions (Emotions, Personality, and Psychotherapy) (No. 1) Bioprocess Engineering: Basic Concepts (3rd Edition) (Prentice Hall International Series in the Physical and Chemical Engineering Sciences) Process Fluid Mechanics, (Prentice-Hall International Series in the Physical and Chemical Engineering Sciences) Advanced Mechanics of Materials and Applied Elasticity (5th Edition) (Prentice Hall International Series in the Physical and Chemical Engineering Sciences) Advanced Mechanics of Materials and Applied Elasticity (Prentice Hall International Series in the Physical and Chemical Engineering Sciences) Fundamentals of Chemical Engineering Thermodynamics (Prentice Hall International Series in the Physical and Chemical Engineering Sciences) Electrochemical Systems (Prentice-Hall International Series in the Physical and Chemical Engineering Sciences) Basic Principles and Calculations in Chemical Engineering (8th Edition) (Prentice Hall International Series in the Physical and Chemical Engineering Sciences) Elements of Chemical Reaction Engineering (5th Edition) (Prentice Hall International Series in the Physical and Chemical Engineering Sciences)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)