

The book was found

Bioelectrochemistry: General Introduction (Bioelectrochemistry, Vol 1)



Synopsis

Volume 1 of this Series is intended to give the reader a fundamental understanding of the key areas deemed essential to the study of bioelectrochemistry. A thorough grasp of the theory and methodology of these basic topics is vital to cope successfully with the complex phenomena that currently face investigators in most bioelectrochemical laboratories. Chapter 1 outlines the nonequilibrium thermodynamics and kinetics of the processes involved, stressing the connection between the two approaches. Particular emphasis is placed on the enzymes catalyzing cytosolic reactions and membrane transport. The techniques discussed are sufficient for the study of systems in the steady state, but systems that are evolving towards the steady state, or show some other time-dependent behavior, require in addition the techniques of mathematical modelling. These are dealt with in some detail in Chapter 2, where network representation of the system is treated at length as the method of choice in carrying out appropriate simulations. In Chapter 3 attention is directed to the twin problems of water structure and ionic hydration. --This text refers to the Paperback edition.

Book Information

Series: Bioelectrochemistry, Vol 1

Hardcover: 368 pages

Publisher: Birkhauser; 1 edition (December 1994)

Language: English

ISBN-10: 0817626875

ISBN-13: 978-0817626877

Product Dimensions: 1 x 7 x 9.5 inches

Shipping Weight: 2.2 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #18,794,855 in Books (See Top 100 in Books) #98 in Books > Science & Math > Biological Sciences > Bioelectricity #324936 in Books > Textbooks > Science & Mathematics

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

Bioelectrochemistry: General Introduction (Bioelectrochemistry, Vol 1) Bioelectrochemistry of Biomacromolecules (Bioelectrochemistry (Birkhauser Verlag), Vol 5) Bioelectrochemistry IV: Nerve Muscle Function-Bioelectrochemistry, Mechanisms, Bioenergetics and Control (Nato Science Series: A:) Bioelectrochemistry of Cells and Tissues (Bioelectrochemistry: Principles and Practice)

Ace General Chemistry I and II (The EASY Guide to Ace General Chemistry I and II): General Chemistry Study Guide, General Chemistry Review Clinical Anesthesia Procedures of the Massachusetts General Hospital: Department of Anesthesia, Critical Care and Pain Medicine, Massachusetts General ... of the Massachusetts General Hospital) Let's Grill! Best BBQ Recipes Box Set: Best BBQ Recipes from Texas (vol.1), Carolinas (Vol. 2), Missouri (Vol. 3), Tennessee (Vol. 4), Alabama (Vol. 5), Hawaii (Vol. 6) Bioelectrochemistry III. Charge Separation Across Biomembranes. (Ettore Majorana International Science Series: Physical Sciences) (No. 3) Bioelectrochemistry I: Biological Redox Reactions (Emotions, Personality, and Psychotherapy) (No. 1) Standard Catalog of World Paper Money, General Issues, 1368-1960 (Standard Catlog of World Paper Money Vol 2: General Issues) General Journal: Accounting General Journal Entries Notebook With Columns For Date, Description, Reference, Credit, And Debit. Paper Book Pad with 100 Record Pages 8.5 In By 11 In Fighting for General Lee: Confederate General Rufus Barringer and the North Carolina Cavalry Brigade The ARRL General Class License Manual (Arrl General Class License Manual for the Radio Amateur) General Class License Manual (Arrl General Class License Manual for the Radio Amateur) Standard Catalog of World Paper Money General Issues - 1368-1960 (Standard Catlog of World Paper Money 14th Edition: General Issues) Standard Catalog Of World Paper Money General Issues 1368-1960 (Standard Catlog of World Paper Money 13th edition: General Issues) Sterling DAT General Chemistry Practice Questions: High Yield DAT General Chemistry Questions FTCE General Knowledge Test Prep Study Guide: Comprehensive Review & Practice Test Questions for the Florida Teacher Certification Exam General Knowledge Test FTCE General Knowledge Test Prep Study Guide: Quick Study Book for the Florida Teacher Certification Exam General Knowledge Test FTCE General Knowledge Flash Cards: FTCE General Knowledge Test Prep with 300+ Flash Cards

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)