

Synopsis

This is the first course devoted to bioelectrochemistry held within the framework of the work of the International School of Biophysics. Although this branch of scientific research is already about two centuries old, as a truly independent one it has been in a stage of lively development since only a few decades ago and this is why a first course at the E. Majorana Center was devoted to it. Since bioelectrochemistry consists of many sub-fields, it is impossible to include, even superficially, all of them in a short course lasting just a week, and therefore the chapter of redox-reactions was chosen for this first course as being most general in character. But even restricting the course to redox-reactions, only a few subjects could be included and therefore the choice among them was made considering the most general guidelines that could serve as a basis for the further study of individual problems. In this way we hope to give a sound basis to the study of and to stimulate further interest in this branch of both biological and physical chemistry. This dual interdisciplinary approach is, on the other hand, unavoidable if a more rigorous and logical attack on biological problems in living bodies is to be carried ahead.

VII CONTENTS ix Symbols and acronyms Opening address A. BORSELLINO 1 Bioelectrochemistry and bioenergetics: an interdisciplinary survey G. MILAZZO 5 General criteria for the fulfilment of redox reactions R. BUVET 15 Photosynthesis - selected topics H.

Book Information

Series: Emotions, Personality, and Psychotherapy (Book 11)

Hardcover: 348 pages

Publisher: Springer; 1983 edition (May 1, 1983)

Language: English

ISBN-10: 030641340X

ISBN-13: 978-0306413407

Package Dimensions: 9.5 x 6.1 x 1.1 inches

Shipping Weight: 1.8 pounds

Average Customer Review: Be the first to review this item

Best Sellers Rank: #13,622,318 in Books (See Top 100 in Books) #83 in Books > Science & Math > Biological Sciences > Bioelectricity #942 in Books > Science & Math > Chemistry > Physical & Theoretical > Electrochemistry #1080 in Books > Science & Math > Chemistry > Electrochemistry

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

Bioelectrochemistry I: Biological Redox Reactions (Emotions, Personality, and Psychotherapy) (No. 1) Bioelectrochemistry of Cells and Tissues (Bioelectrochemistry: Principles and Practice) Bioelectrochemistry IV: Nerve Muscle Function-Bioelectrochemistry, Mechanisms, Bioenergetics and Control (Nato Science Series: A:) Bioelectrochemistry: General Introduction (Bioelectrochemistry, Vol 1) Bioelectrochemistry of Biomacromolecules (Bioelectrochemistry (Birkhauser Verlag), Vol 5) The Great Psychotherapy Debate: The Evidence for What Makes Psychotherapy Work (Counseling and Psychotherapy) Vitamin C: The Mysterious Redox-System A Trigger of Life? Explosive Reactions Lab Kit (Mad Science Explosive Reactions Lab Kit) Emotional Intelligence: How to Master your Emotions, Build Self-Confidence and Program Yourself for Success (Emotions, IQ, Success, Skills, Tricks,) Emotional Intelligence: Develop Absolute Control Over Your Emotions and Your Life For Everlasting Success (Emotional Mastery, Fully Control Emotions) Dictionary of Emotions: Words For Feelings, Moods, and Emotions Healing Emotions: Conversations with the Dalai Lama on Mindfulness, Emotions, and Health Loving Someone with Borderline Personality Disorder: How to Keep Out-of-Control Emotions from Destroying Your Relationship The Mindfulness Solution for Intense Emotions: Take Control of Borderline Personality Disorder with DBT Borderline Personality Disorder Toolbox: A Practical Evidence-Based Guide to Regulating Intense Emotions Bioelectrochemistry III. Charge Separation Across Biomembranes. (Ettore Majorana International Science Series: Physical Sciences) (No. 3) The Virgo Personality: Understanding Your Own Innate Virgo Personality Traits and Virgo Characteristics to Become a Better Virgo Woman Walking On Eggshells No More, A Practical Guide To Understanding, Coping And Living With Someone Who Has Borderline Personality Disorder Or Narcissistic Personality Disorder. Theories of Personality (PSY 235 Theories of Personality) Personality Theories Workbook (PSY 235 Theories of Personality)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)