

Synopsis

This is the first course devoted to bioelectrochemistry held within the framework 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

Product Dimensions: 9.5 x 6.1 x 1.1 inches

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

Average Customer Review: Be the first to review this item

Best Sellers Rank: #11,121,545 in Books (See Top 100 in Books) #72 in Books > Science & Math > Biological Sciences > Bioelectricity #911 in Books > Science & Math > Chemistry > Physical & Theoretical > Electrochemistry #19165 in Books > Engineering & Transportation > Engineering > Bioengineering > Biochemistry

[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) Personality Disorders:The Ultimate Personality Disorder Guide 2nd Edition - Giving You Clarity, Helping You Move Forward (personality disorders, mental ... Obsessive Compulsive Disorder Book 1) Emotional Intelligence: Develop Absolute Control Over Your Emotions and Your Life For Everlasting Success (Emotional Mastery, Fully Control Emotions) The Mindfulness Solution for Intense Emotions: Take Control of Borderline Personality Disorder with DBT Skills in Gestalt Counselling & Psychotherapy (Skills in Counselling & Psychotherapy Series) Concise Organic Chemistry: Aromatic and Carbonyl Reactions, Oxidation-Reduction Reactions,Biomolecules,Natural Product and Heterocyclic Compounds Handbook of Dynamic Psychotherapy for Higher Level Personality Pathology Handbook of Cross-Cultural and Multicultural Personality Assessment (Personality and Clinical Psychology Series) Deep Thoughts of Inner Self: What Is Multiple Personality Disorder, How to Tell if You Have Multiple Personality Disorder or Dissociative Identity Disorder, Introverts and Extraverts Narcissism: Easily Disarming Narcissists and Understanding Their Selfish Personality Disorder (Psychopath, Narcissistic Personality Disorder, Narcissist ... Mood Disorders, Con Men, Sociopath) Avoidant Personality Disorder: The Ultimate Guide to Symptoms, Treatment, and Prevention (Personality Disorders) Walking On Eggshells No More, A Practical Guide To Understanding, Coping And Living With Someone Who Has Borderline Personality Disorder Or Narcissistic Personality Disorder. Mental Health: Personalities: Personality Disorders, Mental Disorders & Psychotic Disorders (Bipolar, Mood Disorders, Mental Illness, Mental Disorders, Narcissist, Histrionic, Borderline Personality) Theories of Personality (PSY 235 Theories of Personality) Help! I Am In Love With A Narcissist: Narcissistic,Narcissistic Personality Disorder,Sociopath (Manipulation,Personality Disorder,Recovery Advice, Breaking Up)

[Dmca](#)