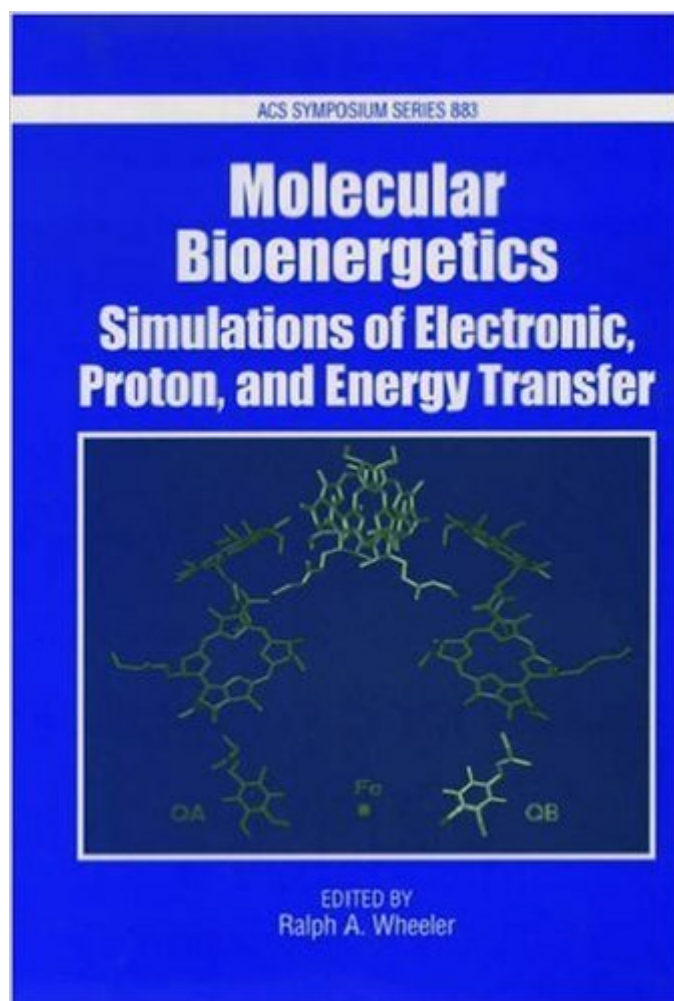


The book was found

Molecular Bioenergetics: Simulations Of Electron, Proton, And Energy Transfer (ACS Symposium Series)



Synopsis

All living things rely on the efficient storage, transduction, and use of energy. For example, all free energy used by biological systems originates from solar energy stored by photosynthesis and its effective use relies on its transformation from one form to the other. In this volume, leaders in the fields of computational modeling of electron transfer, proton transfer, proton-couples electron transfer, and energy transduction present new methods for simulating bioenergetic processes and summarize applications to proteins, including the photosynthetic reaction center, bacteriorhodopsin, and cytochrome c.

Book Information

Series: ACS Symposium Series (Book 883)

Hardcover: 210 pages

Publisher: American Chemical Society; 1 edition (July 22, 2004)

Language: English

ISBN-10: 0841237204

ISBN-13: 978-0841237209

Product Dimensions: 9.1 x 0.5 x 6.2 inches

Shipping Weight: 12 ounces (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #6,298,192 in Books (See Top 100 in Books) #68 in Books > Science & Math > Chemistry > Photochemistry #1537 in Books > Science & Math > Biological Sciences > Biophysics #6071 in Books > Engineering & Transportation > Engineering > Bioengineering > Biotechnology

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

Molecular Bioenergetics: Simulations of Electron, Proton, and Energy Transfer (ACS Symposium Series) Ultraviolet Light Induced Reactions in Polymers: Symposium Proceedings (ACS symposium series ; 25) Biophysics of Electron Transfer and Molecular Bioelectronics (Electronics and Biotechnology Advanced (Elba) Forum Series) Marine Toxins: Origin, Structure, and Molecular Pharmacology (Acs Symposium Series) Low-Energy Nuclear Reactions Sourcebook (ACS Symposium Series) Human Longevity: Omega-3 Fatty Acids, Bioenergetics, Molecular Biology, and Evolution Formulation and Delivery of Proteins and Peptides (ACS Symposium Series) Chromatography and Separation Chemistry: Advances and Developments (ACS Symposium Series) Vitrinite Reflectance As a Maturity Parameter: Applications and Limitations (ACS

Symposium Series) Experimental Organometallic Chemistry: A Practicum in Synthesis and Characterization (ACS Symposium Series 357) Photopolymerization: Fundamentals and Applications (ACS Symposium Series) Comprehensive Desk Reference of Polymer Characterization and Analysis (ACS Symposium Series) Reiki: The Healing Energy of Reiki - Beginner's Guide for Reiki Energy and Spiritual Healing: Reiki: Easy and Simple Energy Healing Techniques Using the ... Energy Healing for Beginners Book 1) Chemistry of Wine Flavor (ACS Symposium Series, No. 714) Controlled-Release Technology: Pharmaceutical Applications (Acs Symposium Series) Heteroatomic Aroma Compounds (ACS Symposium Series) Inosine Monophosphate Dehydrogenases: A Major Therapeutic Target (ACS Symposium Series) Laser Chemistry of Organometallics (ACS Symposium Series) Photochemistry of Environmental Aquatic Systems (Acs Symposium Series) Photoinitiated Polymerization (ACS Symposium Series)

[Dmca](#)