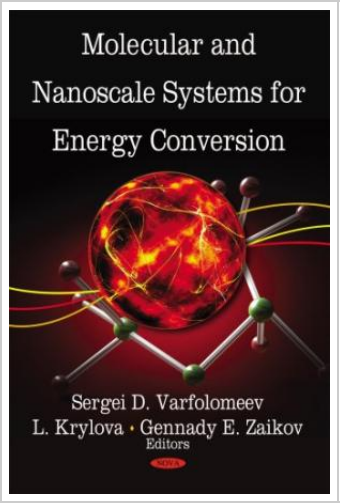

Molecular & Nanoscale Systems for Energy Conversion (Hardback)

By -

Nova Science Publishers Inc, United States, 2008. Hardback. Condition: New. UK ed. Language: English. Brand new Book. The book covers the proceedings of International conference "Molecular and Nanoscale Systems for Energy Conversion". The monograph is including information about: Energy Poten Anaerobic Digestion of Wastes Produced in Russia Via Biogas and Microbial Fuel Cell Technologies; New Photovoltaic Composite Materials Based on Fullerene and Phthalocyanine Derivatives; Voltaic Effect in the Molecular Complexes of (Dtds)2 C60; Porphyrin Dyads with Potential Use In Solar Energy Conversion; Molecular Photovoltaic Systems Simulating Photosynthesis as Perspective Solar Energy Converters; Super-Rapid Processes From Higher Excited Singlet States of Tryptophan -- the Violation of the Vaviliov Low; Biosensor Approach To Assessment of Efficiency of Mediators for their Application in Microbial Biofuel Cells; The Quantum-Mechanical Model Superficial Atomic Hydrogenation Single-Wall Carbon Nanotube; Hybrid Silica-Zirconia Films Loaded with Titania Nanoparticles and Titania-Based Nanocontiners: Novel Materials for Thin-Film Photocatalysts and Photocontrollable Coatings; Power Characteristics of Microbial Fuel Cell Based on Gluconobacter Cell Suspension and 2,6-Dichlorophenolindophenol as Electron Transport Mediator; Photodestruction of Chlorophyll in Non-Biological Systems; The Current-Voltage Characteristic of Carbon Nanotubes in Non Linear Model; Characterisation of Photocatalytic Properties of Mesoporous Tio2 Prepared Using Templating Method; Hydrogen Atom as a Result of...

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