

Surface Electron Transfer Processes

lysts for biological processes that require transfer of no direct electron transfer between the electrode surface and the of Electron Transfer Metalloproteins

photosensitized electron transfer were correlated with surface potential at different ionic strengths. The quantum yield for the electron transfer process

An electron transport chain (ETC) is a series of compounds that transfer electrons from electron donors to electron acceptors via redox reactions, and couples this

Electron transfer (ET) occurs when an electron moves from an atom or a chemical species (e.g. a molecule) to another atom or chemical species. ET is a mechanistic

Photoinduced electron transfer and geminate recombination on a micelle surface: Analytical theory and Monte Carlo simulations Kristin Weidemaier and M. D. Fayer

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Title Electron transfer processes at the surface of MoO_x/SiO₂ catalysts
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Many dynamical phenomena on surfaces involve electron transfer between particle and surface as a crucial elementary process. For instance, field desorption [1], gas

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Lausanne: EPFL, 2010; Electron transfer reactions taking place at the surface of dye-sensitized semiconductors are key processes in dye-sensitized solar cells

A phenomenological description of one-electron transfer leading to ion neutralization in ion-surface scattering is summarized. A perturbative treatment using an

Quantum chemical calculations are used to investigate surface electron transfer processes at molecule-metal oxide interfaces, with particular focus on elucidating the

This book gives an extensive theoretical treatment of surface electron transfer processes. The emphasis is on electronic coupling of molecular potentials to

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This book gives an extensive theoretical treatment of surface electron transfer processes. The emphasis is on electronic coupling of molecular potentials to

Controlling electron transfer processes on insulating surfaces with the non-contact atomic force microscope

Surface Electron Transfer Processes This book provides a thorough treatment of the fundamental factors that govern electron transfer at surfaces.

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Photoinduced Electron Transfer on the Surfaces of one of which can participate in the transfer process, Photoinduced Electron Transfer on Micelles J

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