

# Surface Electron Transfer Processes

## **Electron transfer - Wikipedia, the free encyclopedia -**

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

[http://en.wikipedia.org/wiki/Electron\\_transfer](http://en.wikipedia.org/wiki/Electron_transfer)

## **SYET 1 Dynamics of electron transfer processes at -**

Symposium Dynamics of electron transfer processes at surfaces  
Sectional Programme Overview SYET 1 Dynamics of electron transfer processes at surfaces

<http://www.dpg->

[verhandlungen.de/year/2006/conference/dresden/static/syet1.pdf](http://www.dpg-verhandlungen.de/year/2006/conference/dresden/static/syet1.pdf)

## **Surface electron transfer processes (Book, 1995) -**

Get this from a library! Surface electron transfer processes. [R J Dwayne Miller;]

<http://www.worldcat.org/title/surface-electron-transfer-processes/oclc/30809674>

## **Surface Electron Transfer Processes - Bokus.com -**

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

<http://www.bokus.com/bok/9780471185536/surface-electron-transfer-processes/>

## **Photosensitized Electron Transfer Processes in -**

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

<http://www.jstor.org/stable/info/10975>

## **Electron transfer processes at the surface of -**

Title Electron transfer processes at the surface of MoO<sub>x</sub>/SiO<sub>2</sub> catalysts  
Journal Topics in Catalysis Volume 15, Issue 2-4 , pp 211-217  
Cover Date 2001-06

<http://link.springer.com/article/10.1023/A%3A1016601815952>

## **Theory of Surface Dynamical Processes with -**

Many dynamical phenomena on surfaces involve electron transfer between particle and surface as a crucial elementary process. For instance, field desorption [1], gas

[http://link.springer.com/chapter/10.1007%2F978-3-642-82423-4\\_5](http://link.springer.com/chapter/10.1007%2F978-3-642-82423-4_5)

**Photosensitized electron transfer processes in -**

Photosensitized electron transfer processes in SiO<sub>2</sub> colloids and sodium lauryl sulfate micellar systems: Correlation of quantum yields with interfacial surface

<http://www.pnas.org/content/78/10/5928.abstract>

**Controlling electron transfer processes on -**

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

<http://iopscience.iop.org/0957-4484/20/26/264019>

**Surface Electron Transfer Processes in -**

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

<http://www.chemphys.lu.se/research/projects/set/>

**Electron- transfer processes in the interaction -**

Results of a study of changes in electron capture and loss rates in the interaction of fluorine atoms and anions with chlorine-covered Ag(111) surfaces are repo

<http://www.sciencedirect.com/science/article/pii/S0039602899011012>

**Surface Electron Transfer Processes - Alibris -**

Surface Electron Transfer Processes by George McLendon, Rjd Miller, Wolfgang Schmickler starting at . Surface Electron Transfer Processes has 1 available editions to

<http://www.alibris.com/Surface-Electron-Transfer-Processes-George-McLendon/book/6471951>

**Electron transfer mechanisms in surface dynamical -**

Some topics concerning on the dynamical electron transfer processes between adparticle and surface are discussed based on recent theoretical studies. They inclu

<http://www.sciencedirect.com/science/article/pii/0079681687900487>

**Surface electron transfer processes MILLER James -**

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

[http://www.lavoisier.fr/livre/chimie/surface-electron-transfer-processes/miller/descriptif\\_1360120](http://www.lavoisier.fr/livre/chimie/surface-electron-transfer-processes/miller/descriptif_1360120)

### **One- and Two- Electron Transfer Processes in Ion- -**

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

<http://oai.dtic.mil/oai/oai?verb=getRecord&metadataPrefix=html&identifier=ADA154208>

### **Picosecond dynamics of surface electron transfer -**

Scitation: Picosecond dynamics of surface electron transfer processes: Surface restricted transient grating studies of the n TiO<sub>2</sub>/H<sub>2</sub>O interface

<http://scitation.aip.org/content/aip/journal/jcp/90/2/10.1063/1.456130>

### **Electron transport chain - Wikipedia, the free -**

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

[http://en.wikipedia.org/wiki/Electron\\_transport\\_chain](http://en.wikipedia.org/wiki/Electron_transport_chain)

### **Surface Electron Transfer Processes: R. J. Dwayne -**

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

<http://www.amazon.com/Surface-Electron-Transfer-Processes-Dwayne/dp/0471185531>

### **Redox Properties of Electron Transfer -**

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

<http://currentseparations.com/issues/18-2/cs18-2b.pdf>

### **Photoinduced Electron Transfer on the Surfaces of -**

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

<http://web.stanford.edu/group/fayer/articles/239.pdf>

### **Elektronentransfer: Surface Electron Transfer -**

How to Cite. Holze, R. (1996), Elektronentransfer: Surface Electron Transfer Processes. Von R. J. D. Miller, G. L. McLendon, A. Nozik, W. Schmickler und F. Willig.

<http://onlinelibrary.wiley.com/doi/10.1002/nadc.19960440624/abstract>

**Dynamics of Electron Transfer Processes at the -**

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

<http://infoscience.epfl.ch/record/148598>

**Amazon.fr - Surface Electron Transfer Processes - -**

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<http://www.amazon.fr/Surface-Electron-Transfer-Processes-Dwayne/dp/0471185531>

**Photoinduced electron transfer and geminate -**

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

<http://web.stanford.edu/group/fayer/articles/196.pdf>

**Surface Electron Transfer Processes: R.J.D -**

Surface Electron Transfer Processes [R.J.D. Miller] on Amazon.com. \*FREE\* shipping on qualifying offers.

<http://www.amazon.com/Surface-Electron-Transfer-Processes-R-J-D/dp/156081036X>

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