



Reactivity of Organic Molecules at Single-Crystal Surfaces of Pt

By BOGUSLAW PIEROZYNSKI

VDM Verlag Sep 2009, 2009. Taschenbuch. Book Condition: Neu. 220x150x12 mm. This item is printed on demand - Print on Demand Neuware - Studies of the electrochemical adsorption and reactivity of small organic molecules at well-ordered Pt single-crystal surfaces in the region of underpotential deposition (UPD) of H have become a major activity in current electrochemical surface science. This work presents investigation of the processes of electrosorption of guanidonium (and structurally related) molecule-ions and the Faradaic reduction of two aliphatic oximes (formamidoxime and acetaldehyde oxime), at major Pt single-crystal planes. The results reveal remarkable specificities to Pt surface geometry upon adsorption and reactivity of these small molecules, observed in various electrolytic media. Application of two major electrochemical techniques and a complementary in situ FTIR spectroscopy method enables a thorough understanding of the mechanism of these unique surface electrochemical reactions. This work should be useful not only to professionals directly involved in electrochemistry of single-crystal electrodes, but also to all those working (and studying) in the field of applied electrochemistry, including fuel cell and battery-related processes. 192 pp. Englisch.



READ ONLINE
[5.56 MB]

Reviews

Good eBook and useful one. It is amongst the most remarkable ebook i actually have study. You can expect to like the way the article writer publish this pdf.

-- Prof. Armand Senger DVM

Absolutely essential go through book. It can be rally fascinating throgh studying period of time. You wont truly feel monotony at at any time of your respective time (that's what catalogues are for concerning in the event you question me).

-- Roberto Leannon

Other Kindle Books



Psychologisches Testverfahren

Reference Series Books LLC Nov 2011, 2011. Taschenbuch. Book Condition: Neu. 249x191x7 mm. This item is printed on demand - Print on Demand Neuware - Quelle: Wikipedia. Seiten: 100. Kapitel: Myers-Briggs-Typindikator, Keirsey Temperament Sorter, DISG, Eignungstest für das Medizinstudium, Adult Attachment Interview,...



Programming in D

Ali Cehreli Dez 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware - The main aim of this book is to teach D to readers who are new to computer programming. Although...



The new era Chihpen woman required reading books: Chihpen woman Liu Jieli financial surgery(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date :2012-05-01 Pages: 247 Publisher: Jilin Publishing Group title: new era Chihpen woman must-read books: Zhiben the woman financial...



Yearbook Volume 15

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 58 pages. Dimensions: 9.7in. x 7.4in. x 0.1in. This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the original book (without...



Kindle Fire Tips And Tricks How To Unlock The True Power Inside Your Kindle Fire

CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 52 pages. Dimensions: 9.0in. x 6.0in. x 0.1in. Still finding it getting your way around your Kindle Fire Wish you had the answers to all your frequently asked...



Just So Stories

CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 114 pages. Dimensions: 9.0in. x 6.0in. x 0.3in. The Just So Stories for Little Children were written by British author Rudyard Kipling. They are highly fantasised origin stories...