

1. Record Nr.	UNINA9910139568703321
Titolo	Catalysis in electrochemistry [[electronic resource] ] : from fundamental aspects to strategies for fuel cell development / / edited by Elizabeth Santos, Wolfgang Schmickler
Pubbl/distr/stampa	Hoboken, N.J., : Wiley, 2011
ISBN	0-470-93473-5 1-283-30608-5 9786613306081 0-470-92942-1 0-470-92941-3
Descrizione fisica	1 online resource (532 p.)
Collana	Wiley series on electrocatalysis and electrochemistry ; ; 3
Classificazione	SCI013050
Altri autori (Persone)	SantosElizabeth SchmicklerWolfgang
Disciplina	541/.37
Soggetti	Electrocatalysis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	CATALYSIS IN ELECTROCHEMISTRY: From Fundamentals to Strategies for Fuel Cell Development; CONTENTS; Preface; Preface to the Wiley Series on Electrocatalysis and Electrochemistry; Contributors; 1. Volcano Curves in Electrochemistry; 2. Electrocatalysis: A Survey of Fundamental Concepts; 3. Dynamics and Stability of Surface Structures; 4. Electrocatalytic Properties of Stepped Surfaces; 5. Computational Chemistry Applied to Reactions in Electrocatalysis; 6. Catalysis of Electron Transfer at Metal Electrodes 7. Combining Vibrational Spectroscopy and Density Functional Theory for Probing Electrosorption and Electrocatalytic Reactions8. Electrochemical Catalysts: From Electrocatalysis to Bioelectrocatalysis; 9. Electrocatalysis at Bimetallic Surfaces Obtained by Surface Decoration; 10. CO Adsorption on Platinum Electrodes; 11. Exploring Metal Oxides: A Theoretical Approach; 12. Electrocatalysis at Liquid-Liquid Interfaces; 13. Platinum-Based Supported Nanocatalysts for Oxidation of Methanol and Ethanol; 14. Impact of Electrochemical Science on Energy Problems; Index

## Sommario/riassunto

"Catalysis in Electrochemistry: From Fundamental Aspects to Strategies for Fuel Cell Development is a modern, comprehensive reference work on catalysis in electrochemistry, including principles, methods, strategies, and applications. It points out differences between catalysis at gas/surfaces and electrochemical interfaces, along with the future possibilities and impact of electrochemical science on energy problems. This book contributes both to fundamental science; experience in the design, preparation, and characterization of electrocatalytic materials; and the industrial application of electrocatalytic materials for electrochemical reactions. This is an essential resource for scientists globally in academia, industry, and government institutions."--

## 2. Record Nr.

UNISA996395859003316

### Autore

Trapp John <1601-1669.>

### Titolo

A commentary or exposition upon all the Epistles, and the Revelation of John the Divine [[electronic resource] ] : wherein the text is explained, some controversies are discussed, divers common-places are handled, and many remarkable matters hinted, that had by former interpreters been pretermitted : besides, divers other texts of Scripture, which occasionally occur, are fully opened, and the whole so intermixed with pertinent histories, as will yeeld both pleasure and profit to the judicious reader : with a decad of common-places upon these ten heads : abstinence, admonition, alms, ambition, angels, anger, apostasie, arrogancie, arts, atheisme / / by John Trapp .

### Pubbl/distr/stampa

London, : Printed by A.M. for John Bellamy ..., 1647

### Descrizione fisica

[8], 735 p

### Altri autori (Persone)

TrappJohn <1601-1669.>

### Lingua di pubblicazione

Inglese

### Formato

Materiale a stampa

### Livello bibliografico

Monografia

### Note generali

Errata: prelim. p. [8].  
Added t.p. on p. [599]: Mellificium theologicum, or, The marrowv of many good authours ... .  
Reproduction of original in Union Theological Seminary Library, New York.

