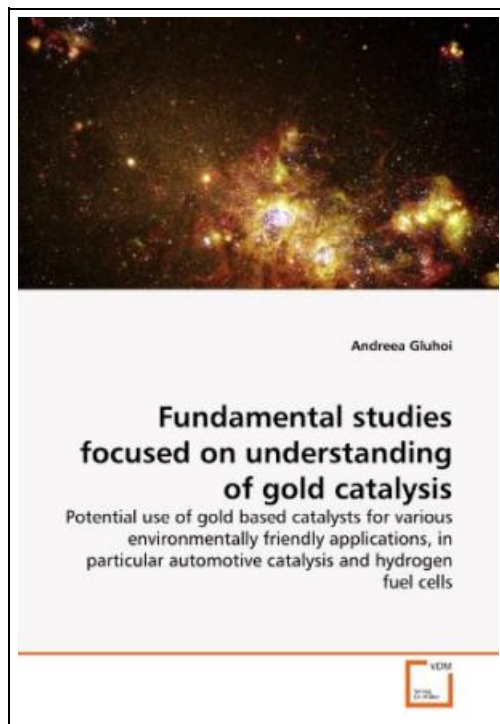


Fundamental studies focused on understanding of gold catalysis



Filesize: 4.57 MB

Reviews

A brand new electronic book with a new standpoint. It is written in basic phrases rather than confusing. It has been designed in an extremely basic way which is merely right after I finished reading through this publication where basically altered me, change the way I believe.
(Kitty Crooks)

FUNDAMENTAL STUDIES FOCUSED ON UNDERSTANDING OF GOLD CATALYSIS

[DOWNLOAD](#)

Condition: New. Publisher/Verlag: VDM Verlag Dr. Müller | Potential use of gold based catalysts for various environmentally friendly applications, in particular automotive catalysis and hydrogen fuel cells | Although gold is the most inert of all metals, it has some interesting properties as a heterogeneous catalyst. It becomes active, however, only if the size of the gold particles is in the nanometer range. There is a number of exciting aspects of gold catalysts that are currently attracting the interest of both academia and industry. Aiming for commercial applications of some very active gold-based catalysts, fundamental studies concerning various aspects of Au catalysis have been carried out throughout this book. The investigations have been performed using supported Au-based catalysts. Various reactions with direct relevance to air-pollution control were studied: oxidation of CO in the presence or absence of hydrogen, NH₃ oxidation, combustion of alkanes (CH₄ and C₃H₈) and alkenes (C₃H₆), and reduction of NO and N₂O by hydrogen. Different aspects of these reactions were studied: (i) the effect of the Au particle size on the catalytic activity, (ii) the role of the additives on both the activity and selectivity, and (iii) the nature of the active sites of (un)promoted Au/Al₂O₃. | Format: Paperback | Language/Sprache: english | 216 pp.

[Read Fundamental studies focused on understanding of gold catalysis Online](#)[Download PDF Fundamental studies focused on understanding of gold catalysis](#)

Other PDFs

**Studyguide for Social Studies for the Preschool/Primary Child by Carol Seefeldt ISBN: 9780137152841**

2011. Softcover. Book Condition: New. 8th. 8.25 x 11 in. Never HIGHLIGHT a Book Again! Includes all testable terms, concepts, persons, places, and events. Cram101 Just the FACTS101 studyguides gives all of the outlines, highlights,...

[Save PDF »](#)

**There Is Light in You**

Changing Minds Online, LLC, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.There is Light in You is a collection of bedtime...

[Save PDF »](#)

**Dog on It! - Everything You Need to Know about Life Is Right There at Your Feet**

14 Hands Press, United States, 2013. Paperback. Book Condition: New. 198 x 132 mm. Language: English . Brand New Book ***** Print on Demand *****.Have you ever told a little white lie? Or maybe a...

[Save PDF »](#)

**What is in My Net? (Pink B) NF**

Pearson Education Limited. Book Condition: New. This title is part of Pearson's Bug Club - the first whole-school reading programme that joins books and an online reading world to teach today's children to read. In...

[Save PDF »](#)

**Brown Paper Preschool: Pint-Size Science : Finding-Out Fun for You and Young Child**

Book Condition: Brand New. Book Condition: Brand New.

[Save PDF »](#)