



Noble Metal Nanoparticles: Preparation, Composite Nanostructures, Biodecoration and Collective Properties (Hardback)

By Ignac Capek

Springer Verlag, Japan, Japan, 2017. Hardback. Condition: New. 1st ed. 2017. Language: English . Brand New Book. This book introduces the reader the chemistry of reaction approaches by which noble metal nanoparticles are synthesized, including synthetic approaches using the Brust-Schiffrin method , a high-temperature solution-phase synthesis, polymer and biological entities, weak and strong reducing and capping agents, the low and high temperatures, various additives and various novel approaches such as plasma, ionic liquids, UV light and gamma rays and others. This book starts with a brief overview of foundation work concerned with the chapter topics such as nanomaterials, nanoscience, surface-capping molecules, traditional and nontraditional reduction agents, In addition, chemical and physical properties of noble metal nanoparticles with different structures and elements such as monolayered clusters, nanorods, and bimetallic nanoparticles are described comprehensively. The aim is to summarize the fundamentals and mechanistic approaches in the preparation and characterization of metal colloidal nanoparticles and dispersions. In this way the reader is provided with a systematic and coherent picture of the interesting field of nanoscience based on noble metal colloidal nanoparticles. Intended as a wide-ranging overview, the book is a resource for novices in the field as well as for specialists, particularly those...



READ ONLINE
[3.82 MB]

Reviews

This composed pdf is great. It usually will not cost too much. I am very easily can get a pleasure of reading a composed book.
-- Luis Klein

It in one of the most popular book. I am quite late in start reading this one, but better then never. Once you begin to read the book, it is extremely difficult to leave it before concluding.
-- Camylle Larson

Relevant eBooks



Learn at Home:Learn to Read at Home with Bug Club: Pink Pack Featuring Trucktown (Pack of 6 Reading Books with 4 Fiction and 2 Non-fiction)

Pearson Education Limited. Paperback. Book Condition: new. BRAND NEW, Learn at Home:Learn to Read at Home with Bug Club: Pink Pack Featuring Trucktown (Pack of 6 Reading Books with 4 Fiction and 2 Non-fiction), Catherine Baker, Alison Hawes, Jon Scieszka, Margaret Clyne,...



Weebies Family Halloween Night English Language: English Language British Full Colour

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Children s Weebies Family Halloween Night Book 20 starts to teach Pre-School and Junior Children how to read with this...



Why Is Mom So Mad?: A Book about Ptsd and Military Families

Tall Tale Press, United States, 2015. Paperback. Book Condition: New. 216 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****.The children s issues picture book Why Is Mom So Mad? is a story for children in military...



Where Is My Mommy?: Children s Book

Createspace, United States, 2013. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****.This children s book is wonderfully illustrated. It has an awesome plot to draw the reader into the story. This...



Young and Amazing: Teens at the Top High Beginning Book with Online Access (Mixed media product)

CAMBRIDGE UNIVERSITY PRESS, United Kingdom, 2014. Mixed media product. Book Condition: New. 204 x 140 mm. Language: English . Brand New Book. Cambridge Discovery Education Interactive Readers are the next generation of graded readers - captivating topics, high-impact video, and interactive exercises...



I Am Reading: Nurturing Young Children s Meaning Making and Joyful Engagement with Any Book

Heinemann Educational Books, United States, 2015. Paperback. Book Condition: New. 234 x 185 mm. Language: English . Brand New Book. It s vital that we support young children s reading in ways that nurture healthy reading identities, that foster an attraction to...