



Applied Spectroscopy and the Science of Nanomaterials (Hardback)

By -

Springer Verlag, Singapore, Singapore, 2014. Hardback. Condition: New. 2015 ed. Language: English. Brand new Book. This book focuses on several areas of intense topical interest related to applied spectroscopy and the science of nanomaterials. The eleven chapters in the book cover the following areas of interest relating to applied spectroscopy and nanoscience: * Raman spectroscopic characterization, modeling and simulation studies of carbon nanotubes, * Characterization of plasma discharges using laser optogalvanic spectroscopy, * Fluorescence anisotropy in understanding protein conformational disorder and aggregation, * Nuclear magnetic resonance spectroscopy in nanomedicine, * Calculation of Van der Waals interactions at the nanoscale, * Theory and simulation associated with adsorption of gases in nanomaterials, * Atom-precise metal nanoclusters, * Plasmonic properties of metallic nanostructures, two-dimensional materials, and their composites, * Applications of graphene in optoelectronic devices and transistors, * Role of graphene in organic photovoltaic device technology, * Applications of nanomaterials in nanomedicine.



[READ ONLINE](#)
[2.96 MB]

Reviews

Absolutely essential read publication. it absolutely was writtern very completely and valuable. It is extremely difficult to leave it before concluding, once you begin to read the book.

-- Sarai Lebsack

Thorough guide for book enthusiasts. I am quite late in start reading this one, but better then never. Your lifestyle span will be transform when you total reading this article book.

-- Lindsey Larson