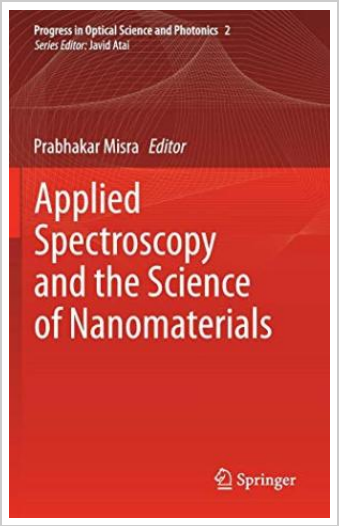

Applied Spectroscopy and the Science of Nanomaterials (Hardback)

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.

Reviews

An incredibly amazing ebook with perfect and lucid answers. It is writter in basic terms and never difficult to understand. Its been written in an exceptionally basic way and it is only right after i finished reading this ebook in which in fact modified me, affect the way i really believe.

-- ***Beverly Hoppe***

Extremely helpful for all class of individuals. Better then never, though i am quite late in start reading this one. I realized this publication from my i and dad suggested this ebook to discover.

-- ***Adela Schroeder II***