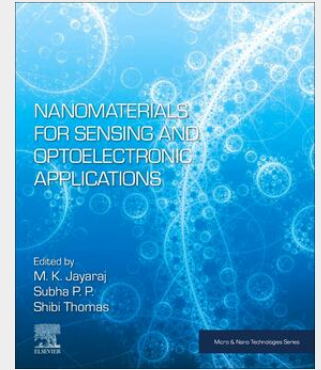


Nanomaterials for Sensing and Optoelectronic Applications

Nanomaterials for Sensing and Optoelectronic Applications explores recent trends in nanomaterials and devices for chemical and biosensing applications. The synthesis, properties and applications of metal oxide nanostructures, as well as two-dimensional layered materials are covered, along with the fabrication of optoelectronic devices, such as chemical sensors, biosensors, core-shell nanostructures-based surface-enhanced Raman spectroscopy (SERS) substrates, luminescent nanoparticles, memory devices, and thin film transistors. Aiming at researchers in these respective areas, the fundamental principles and mechanisms of the optoelectronic phenomena behind every application mentioned are covered and comprehensively explored. The book will be helpful in solving problems related to the synthesis and growth of various nanostructures, the application of these materials for various devices, and to understand how a specific synthesis route promotes a specific application.



216,77 €

202,59 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9780128240083

Medium: Buch

ISBN: 978-0-12-824008-3

Verlag: Elsevier Science Publishing Co
Inc

Erscheinungstermin: 17.06.2022

Sprache(n): Englisch

Auflage: Erscheinungsjahr 2022

Produktform: Kartoniert

Gewicht: 750 g

Seiten: 352

Format (B x H): 191 x 235 mm

