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| Descrizione fisica | 1 online resource (523 p.) |
| Collana | Wiley series in nanoscience and nanotechnology |
| Altri autori (Persone) | MerkociA (Arben) |
| Disciplina | 610.28/4 610.284 620.5 |
| Soggetti | Biosensors Nanostructured materials Electronic books. |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | pt. 1. Carbon nanotubes -- pt. 2. Nanoparticles -- pt. 3. Nanostructured surfaces -- pt. 4. Nanopores |
| Sommario/riassunto | An interdisciplinary approach to one of the hottest topics in nanotechnology and nanoscience Biosensing Using Nanomaterials introduces novel concepts in the area of bioanalysis based on nanomaterials, opening new opportunities for basic research and new tools for real bioanalytical applications. In fifteen chapters, readers are introduced to the most successful nanomaterials used so far in biosensing, including carbon nanotubes, nanoparticles, and nanochannels. Each chapter provides a theoretical overview of the topic, a discussion of the published data relating to the bioanalytical system |