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| Nota di contenuto       | Functional Hydrogel in Biomedical Application: Current status and Future perspective -- Life cycle analysis of polymeric nano hydrogel -- Nano Hydrogels in pharmaceutical formulations -- Marine Polysaccharides based Hydrogels for Biomedical Applications -- Polymer Hydrogels for Applications in Cancer Therapy -- Recent Advances in Biocompatible Hydrogels -- Role of biodegradable polymeric nanohydrogel in bone regeneration -- Antimicrobial and Antiinflammatory properties of Nanohydrogels.  |
| Sommario/riassunto      | This book introduces the reader to important aspects of the nano-hydrogels. It covers the development of hydrogels and their biology, chemistry and properties. Focus is also given to innovative characterization techniques and advances in structural design, with special emphasis on molecular structure, dynamic behavior and structural modifications of hydrogels. This book serves as a consolidated reference work for the diverse aspects of hydrogels, creating a valuable resource for students and researchers in academia and industry. . |