Handbook of Biopolymer-Based Materials. From Blends and Composites to Gels and Complex Networks

Description:
This first systematic scientific reference in the area of micro- and nanostructured biopolymer systems discusses in two volumes the morphology, structure, dynamics, properties and applications of all important biopolymers, as well as their blends, composites, interpenetrating networks and gels.

Selected leading researchers from industry, academia, government and private research institutions around the globe comprehensively review recent accomplishments in the field. They examine the current state of the art, new challenges, and opportunities, discussing all the synthetic routes to the generation of both micro- and nano-morphologies, as well as the synthesis, characterization and application of porous biopolymers. An outstanding resource for anyone involved in the field of eco-friendly biomaterials for advanced technologies.

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