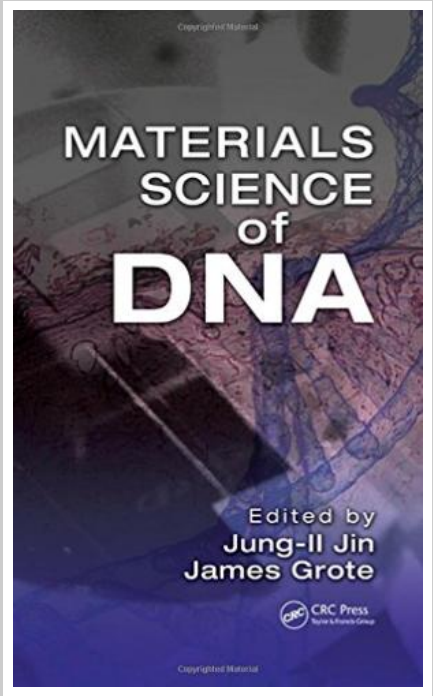

Materials Science of DNA (Hardback)

By -

Taylor Francis Inc, United States, 2012. Hardback. Book Condition: New. 236 x 156 mm. Language: English . Brand New Book. The field of materials science and technology has undergone revolutionary advances due to the development of novel analytical tools, functional materials, and multidisciplinary approaches to engineering. Additionally, theoretical predictions combined with increasingly improved models and computational capabilities are making impressive contributions to the progress of materials science and technology. In particular, the materials science of DNA has emerged as a vital area of research and is expected to immensely broaden the horizon of material science and nanotechnology in this century. Materials Science of DNA highlights the most important subjects and perspectives in the field, with the aim of stimulating the interdisciplinary community and bringing this intensively interesting, emerging field of molecular-scale materials science to maturation. The editors have not only been involved in the research of materials science of DNA for the past decade, but also lead the series of International Biotronics Workshops supported by the US Air Force Research Laboratory. Biotechnology and DNA-based biopolymers are not only applicable for genomic sequencing and clinical diagnosis and treatment, but can also have a major impact on nonbiotech applications-such as electronics and...

Reviews

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