



KEMENTERIAN SUMBER ASLI
DAN KELESTARIAN ALAM
JABATAN ALAM SEKITAR



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BIONANOTECHNOLOGY TOWARDS GREEN ENERGY : INNOVATIVE AND SUSTAINABLE APPROACH

Bionanotechnology Towards Green Energy explains the role of bionanotechnology in the next generation technologies of green energy from an interdisciplinary and sustainability perspective. Chapters cover different roles of bionanotechnology such as applications of bio-nano enabled materials or coatings, scaling-up of green energy production, design and synthesis of bio-inspired nanomaterials and their applications, bio-nanofluid-based photovoltaic thermal systems, the use of bio-templated and biomimetic materials, and so forth. It focuses on waste-to-energy conversion and fixing intricate environmental issues.



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