Light Harvesting Nanomaterials

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About the ebook

Light Harvesting Nanomaterials brings together facts about the underlying principles and theory about light harvesting systems. This eBook is a valuable reference for advanced readers interested in novel technologies that utilize light energy for functional and technical benefits.

Contents

- Metal Nanoparticle Induced Light-Trapping for Solar Photovoltaic Applications
- Low-Cost and Durable Tetrapyrrolic Sensitizers for Sensitization of Nanocrystalline TiO2
- Polymer-Based Nanocomposite Materials for Functional Applications in Devices
- Microstructures and Photovoltaic Properties of C60-Based Solar Cells with Copper Oxides, CuInS2, Phthalocyanines, Porphyrin, Diamond and Exciton-Diffusion Blocking Layer

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