

Materials Research Solid State Physics and Engineering

Emerging Nanomaterials and Their Impact on Society in the 21st Century

Eds. N.B. Singh, Md. Abu Bin Hasan Susan and Rati Ram Choudhary

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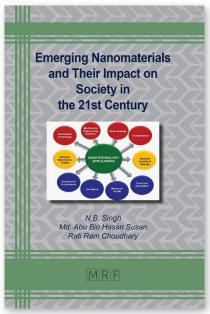
The book covers the synthesis, classification, characterization, applications and historical background of nanomaterials in various sectors.

Keyword: Carbon Nanomaterials, Functionalized Carbon Nanomaterials, Smart Nanomaterials, Hybrid Nanomaterials, Biomedical Applications, Drug Delivery, Soy Protein Isolate, Healthcare, Perovskite Solar Cells, Nanoemulsions, Lubricant Industry, Binding Materials, Construction Industry, Toxicological Effects, Aquatic Biota, Safety Concerns

ISBN 13: 978-1-64490-217-2, Publication Date: 2023 (1/5/2023) Direct URL: https://www.mrforum.com/product/emerging-nanomaterials-and-their-impact 372 pages, PDF eBook DRM Free, USD 125.00 *Materials Research Foundations Vol. 135 /* BISAC: TEC021000 / BIC/Thema: TGM Imprint: Materials Research Forum LLC, *Publisher's sales rights are Wordwide*

Summary:

The book covers the synthesis, classification, characterization, applications and historical background of nanomaterials in various sectors, such as nanosensors, healthcare, solar cells, energy storage, hydrogels, nanocatalysts, sport industry, automobile sector, construction industry, lubricant industry, defence and security, textiles, food sciences, agriculture and biomedical applications.





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