

Functional Materials and Applied Physics

FMAP-2021

Eds. Yogesh Sonvane, Dimple Shah, K.N. Pathak and Lalit Saini

Proceedings / PDF eBook DRM Free

The book presents advances in the field of functional materials.

Keyword: CIGS Solar Cell, Drag Resistivity, Electron Beam Cladding, Electron Transport, Electronic Structure, Gold Nanoparticles, GTA Cladding, Hole Transport Layer, Hole-Hole Interactions, Intercalator, Interparticle Coupling, Laser Cladding, Mesons, Monolayer, Nanoribbons, Nanostructures, Nanoscale Devices, NEGF, Nucleic Acid, Perovskite Solar Cell, Plasma Chemistry, Thin Film Solar Cell Simulation, Schrodinger Equation, Thermal Spraying, TIG Cladding, UV-Vis and TEM Analysis, Wear Resistance

ISBN 13: 978-1-64490-187-8, **Publication Date:** 2022 (4/15/2022)

Direct URL: <https://www.mrforum.com/product/FMAP-2021>

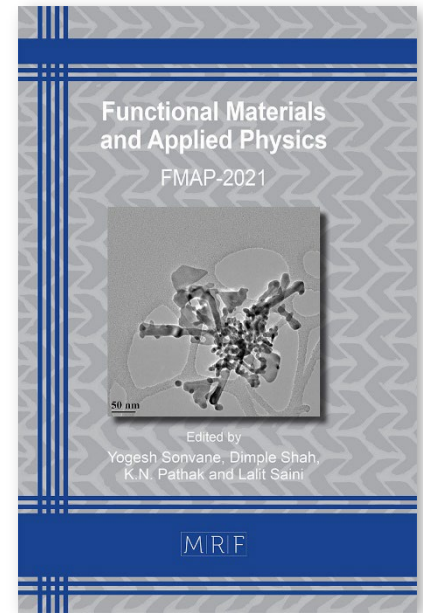
120 pages, PDF eBook DRM Free, USD 85.00

Materials Research Proceedings Vol. 22 / **BISAC:** TEC021000 / **BIC/Thema:** TGM

Imprint: Materials Research Forum LLC, *Publisher's sales rights are Worldwide*

Summary:

The book presents advances in the field of functional materials. Topics covered include Nano-MgB₂ Superconductors, Au and Ag Nanoribbons, Silver Nanostructure Formation, 2D Monolayer As₂S₃, Electronic and Optical Properties of Boron Selenide BSe(2H) monolayers, Mixed Halide Perovskite Solar Cells, Ionization Potentials of Nucleic Acid Intercalators, and Surface Cladding on AISI 1045 Steel.



Full color Book Information

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