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Sommario/riassunto

Functionalized Inorganic Fluorides: Synthesis, Characterization & Properties of Nanostructured Solids covers several classes of nanostructured and functionalized inorganic fluorides, oxide-fluorides, and fluorinated oxides such as silica and alumina. Ranging from powders or glass-ceramics to thin layers and coatings, they have applications as more efficient and less aggressive catalysts, UV absorbers, planar optical waveguides, integrated lasers and optical amplifiers, luminescent materials, anti-reflective coatings and high T_c superconductors. With a focus on new types
