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clean fuels such as H₂ for solving the energy crisis and global warming problems.

Inorganic Materials Synthesis And Fabrication

Many natural materials consist of inorganic and organic building blocks distributed on the nanoscale. In most cases the inorganic part provides mechanical strength and an overall structure to the natural objects while the organic part delivers bonding between the inorganic building blocks and/or the soft tissue.

Hybrid material - Wikipedia

The Materials Synthesis and Characterization Facility includes laboratories for producing nanostructured materials and characterizing their basic structural, chemical and optical properties.

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Provides an up-to-date data record on the synthesis of all kinds of organic and inorganic nanostructures using various physical and chemical methods Presents the latest advances in synthesis protocols Includes the latest techniques used in the physical and chemical characterization of nanomaterials

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Synthesis, DFT studies, fabrication, and optical ...

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