



materials



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Functional Inorganic Materials: Preparation, Characterization and Application

Guest Editor:

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Message from the Guest Editor

Stones and animal bones were most likely the very first inorganic materials used by humankind in ancient times. Throughout the ages, inorganic materials were used for their various functions, such as a high strength and toughness, dielectricity, semiconductivity, magnetism, superconductivity, etc. Today, functional inorganic materials play an indispensable role in modern society. This Special Issue covers a wide range of topics related to the preparation techniques, characterization, and applications of functional inorganic materials, from conventional ceramics to semiconductors, biomaterials, nanomaterials, porous materials, ionic conductors, dielectrics, magnetic materials, phosphors, inorganic-organic hybrid materials (such as newly emerging perovskite solar cells), and even materials that may be used in the future, providing a forum to discuss the future prospects of inorganic materials.

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Special Issue



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Message from the Editor-in-Chief

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