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Advanced Ceramic Materials for Energy Applications I

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

In the last several years, environmental issues related to energy production and consumption and increasing energy demand have become a central point in governments' concerns. The environmental issues directly related to energy production and consumption include air pollution, climate change, water pollution, thermal pollution, and solid waste disposal. New sustainable technologies supported by advanced materials are a necessity for renewable energy harvesting, storage, and transport. In this view, ceramic materials play an essential role in developing improved or new technologies based on the electrochemical, piezoelectric, or thermoelectric conversion of energy among others, and for insulating applications and emission control. This Special Issue aims to provide selected contributions on advances in the design, synthesis, characterization, and improved properties of advanced ceramic materials for energyrelated applications.













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Message from the Editor-in-Chief

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