Special Issue

Semiconducting Nanomaterials for Energy Storage

Message from the Guest Editor

With the increasing concern for environmental protection, renewable power generation systems have been widely developed. However, due to their unpredictable and intermittent output characteristics, energy storage devices are important to deposit the load and then deliver a continuing and constant output. An understanding of the different energy storage systems and therefore proper applications of these systems is highly desired for this Special Issue. The properties of the energy devices strongly rely on the used electrode materials. The nanostructures, chemical composition, and crystal structure will more or less affect the characteristics of the electrode materials, thereby influencing the device's properties. Investigating the properties of electrode materials and their impacts on the performance of different energy storage devices is thus desirable. In this context, we are calling for papers on this Special Issue to promote the current investigation into semiconducting nanomaterials for energy storage systems.

Guest Editor

Prof. Dr. Qi-Hui Wu

College of Mechanical and Energy Engineering, Xiamen Key Lab of Marine Corrosion and Smart Protective Materials, Jimei University, Xiamen 361021, China

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Inorganics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
inorganics@mdpi.com

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Inorganic chemistry remains a lynchpin of modern chemistry, not only embracing the function and reactivity of combinations of most elements of the periodic table, but also providing a footing for studies of materials, catalysts, drugs, fuels and industrial chemicals. Arguably, the role and reach of inorganics in society have never been as great as today. Adventurous research at the heart and at the extremes of inorganic chemistry is vital to further advances and Inorganics offers authors the opportunity to publish exciting new research in an open access format.

Editor-in-Chief

Prof. Dr. Duncan H. Gregory
School of Chemistry, University of Glasgow, University Avenue, Glasgow G12 8QQ, UK

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