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Organic/Inorganic Hybrid Materials for Fuel Cells and Advanced Batteries

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Message from the Guest Editor

Dear colleagues,

Despite the outburst of interest in the use of renewable energy sources observed in recent years, fossil fuels account for the overwhelming majority of the world's current energy. Fossil fuels are, however, the main potential driver of global climate change and their resources are progressively dwindling.

Although it is not possible to find a general solution for energy generation/storage, fuel cells and batteries are key enabling technologies that hold great promise for achieving an overall energy solution. In this context, the organic/inorganic hybrid concept is particularly attractive. This synthesis strategy will allow for the production of useful innovative high-tech (multi)functional hybrid material systems for a new-generation of fuel cells and batteries with judicious design, enhanced features, and improved performance.

This Special Issue addresses radical new concepts, new synthesis pathways, and new research opportunities for the development of "organic/inorganic hybrid materials for fuel cells and advanced batteries" of tomorrow.

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Message from the Editor-in-Chief

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