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Degradation and Evolution of Energy Materials

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Message from the Guest Editors

Dear Colleagues,

Energy materials are essential in our modern world and are expected to have useful lifetimes that range from 25 to over 50 years. The need for long lifetimes and large investments are barriers that new energy producing technologies must surmount to provide a substantial proportion of global energy. This has motivated many researchers to focus on the science of degradation and evolution of energy materials. Green and everlasting energy materials have also received increasing attention as regards the development of sustainable energy systems. In order to develop these energy materials, the degradation and evolution characteristics of energy materials should be identified, and diagnostic and prognostic methods to elucidate degradation or evolution mechanisms should be studied. Novel sensing technologies also help toward the real-time monitoring degradation of energy materials. This Special Issue aims to collect original research and review articles that report results focused on the degradation and evolution of energy materials for green and sustainable energy systems.

Prof. Dr. Ki-Yong Oh
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Special Issue



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Message from the Editor-in-Chief

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