

Special Issue

Catalysis and Carbon-Based Materials, 2nd Edition

Message from the Guest Editors

Carbon catalysts and materials, the focus of the present Special Issue, are very important in many fields of science, engineering and technology. Carbon materials such as activated carbons, carbon blacks and graphitic materials, have been used for decades in adsorption and heterogeneous catalysis, either as catalyst supports or as catalysts themselves. Activated carbons are some of the most known and used materials, due to their high-surface-area which makes them exceptional adsorbents for several applications, such as drinking water, wastewater and gas purification. Their predominant applications include adsorption, filling (in rubber production) or use as refractory materials. However, their application in the catalyst market has gained increasing attention specially of its use as catalyst support. This Special Issue is the second edition of the successful Special Issue with the same title, Catalysis and Carbon-Based Materials. The purpose is to provide readers with the latest research progress and state-of-the-art technologies developed in the manufacture, properties and applications of carbon materials in catalysis.

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