

Special Issue

Carbon-Based Catalyst

Message from the Guest Editor

Carbon materials present several advantages when used in catalysis, either as supports or as catalysts on their own. In addition to their high stability in acid and alkaline media, their versatility and easy tailoring of their properties (textural and surface chemistry) to specific needs make them promising materials to fit different catalytic applications, from fine chemicals synthesis to environmental and energy processes. More recently, the generalized access to new forms of carbons like carbon xerogels, carbon nanotubes and graphene and the fine tuning of the surface chemistry, with hetero-atoms doping (e.g., N, S, B, P), opened up new horizons for their use in catalysis, namely for oxygen reduction reaction in fuel cells and biomass conversion. In this Special Issue of *C—Journal of Carbon Research*, we invite authors to submit original communications, articles, and reviews on the application of carbon materials (in all its forms, from activated carbon to graphene) in catalysis.

Guest Editor

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