

Special Issue

Synthesis of Carbon Nanomaterials and Carbon Nanomaterial–Metal(Oxide) Composites and Their Applications in Catalysis

Message from the Guest Editor

This Special Issue will focus mainly on new carbon and carbon–metal composites, their preparation methods and their applications in catalysis: heterogenous catalysis, electrocatalysis, photocatalysis and photo(electro)catalysis. In this context, the investigation of active catalytic sites (including carbon defects, metal structure, and carbon–metal interactions) by spectroscopic, microscopic, (electro)chemical and other characterization techniques, as well as of related properties, are within the scope of the issue. Likewise the Special Issue will cover all approaches providing an improvement of catalytic performance and related processes. We also welcome contributions on any aspect addressing the important problems of “on-carbon” catalysis and how to avoid the excessive stacking of nanocarbons, thus protecting their efficient surface area.

Guest Editor

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Deadline for manuscript submissions

closed (23 December 2019)



ChemEngineering

an Open Access Journal
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Impact Factor 3.4
CiteScore 4.9



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Message from the Editor-in-Chief

Editor-in-Chief

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