



Engineering of Carbon-Based Nano/Micromaterials

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submissions:

closed (25 August 2024)

Message from the Guest Editor

Dear Colleagues,

Carbon is the “element of life” and the “diamond” element in chemical bonding, with millions of combinations. Without aiming at the impossible task to comprehend all aspects of carbon chemistry, we propose to gather in this Special Issue some relevant engineering aspects of carbon behavior and interactions in nano/micromaterials, -composites, -hybrids, hydro- or aerogels and/or in different experimental conditions.

Aspects regarding the synthesis, characterization, and physical, chemical, mechanical, and electrical properties of carbon nano/micromaterials and their applications are also welcome. Particular chemical engineering aspects such as mass and heat transfer, molecular interactions, mathematical modeling, and simulation of chemical processes involving carbon nano/micromaterials are strongly encouraged.

We welcome the submission of both original research articles and topical reviews, in order to better understand, recall, substantiate, or rethink carbon knowledge.





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Message from the Editor-in-Chief

ChemEngineering is to consolidate its position as a high-quality, open access journal that not only disseminates excellent research but also sets the agenda for future directions in chemical engineering. We will continue to highlight core areas such as catalysis, process intensification, and the circular economy, while also opening the door to emerging topics such as multi-energy systems that integrate light, heat, and electricity, etc., as well as digital tools, modelling, and artificial intelligence applied to chemical engineering.

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