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Advanced Carbon Materials For Catalytical Applications

Guest Editors:

Prof. Dr. José Rodríguez Mirasol

Department of Chemical Engineering, School of Industrial Engineering, University of Málaga, 29016 Málaga, Spain

Prof. Dr. Juana María Rosas

Andalucía Tech., Chemical Engineering Department, Faculty of Science, Campus de Teatinos s/n, University of Malaga, 29010 Málaga, Spain

Deadline for manuscript submissions:

closed (30 June 2020)

Message from the Guest Editors

Dear Colleagues,

It is our pleasure to announce the Special Issue “Advanced Carbon Materials For Catalytical Applications” which is scheduled to appear in the journal Materials of MDPI. Materials is a monthly, international, peer-reviewed, open access journal published by MDPI with an impact factor of 2.654 (ISSN 1996-1944).

The scope of this Special Issue include, without being limited to, the following topics:

Carbon research and technology has seen extraordinary advances in last few decades, leading to the synthesis of a wide variety of carbon materials that present different properties, depending on their structure, texture, chemistry, shape, size, etc., which has allowed broadening their application possibilities in different fields of electronics, biomedical, energy, chemical and environmental technologies.

This Special Issue deals with the study of advanced carbon materials for catalytical applications, covering materials preparation, functionalization, characterization, engineering and applications in the field of heterogeneous catalysis, such as catalysis, electrocatalysis, photocatalysis, biocatalysis, environmental remediation, etc.

Thank you.



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Special Issue



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Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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Contact Us

Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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