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Advanced Catalytic and Adsorbent Materials for a Greener World

Guest Editors:

Prof. Dr. Ioan-Cezar Marcu

Laboratory of Chemical
Technology and Catalysis,
University of Bucharest, 4-12, Blv.
Regina Elisabeta, 030018
Bucharest, Romania

Dr. Ionel Popescu

Division of Exact Sciences,
Research Institute of the
University of Bucharest (ICUB), 90
Panduri Street, 050663
Bucharest, Romania

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Message from the Guest Editors

Dear Colleagues,

This Special Issue collects original research papers, short communications, and reviews focused on the development and application of novel or optimized materials as catalysts and adsorbents in processes of green chemistry, clean energy production, and pollution control. We welcome both experimental and computational works, at both fundamental and applied levels, involving the preparation and characterization of a broad range of materials, including nanostructured, hierarchical, and hybrid materials, together with the investigation of their catalytic and adsorptive properties in environmentally friendly and green energy processes, including green synthesis, hydrogen energy, waste recovery and valorization, and pollution abatement.

Prof. Dr. Ioan-Cezar Marcu
Dr. Ionel Popescu
Guest Editors



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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

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Contact Us

Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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