

## Special Issue

# Advances in Nanomaterials and Molecules and Their Applications on Environment Recovery and Release Systems

### Message from the Guest Editors

Anthropogenic impacts on the environment are increasingly becoming more catastrophic. Fortunately, nanomaterials and molecular modification developments bring promising prospects for mitigating or zeroing these impacts. This Special Issue seeks to bring together scientific contributions that address the state of the art and push the boundaries forward. All emerging concepts involving environmental recovery assisted by nanomaterials, molecular modification, machine learning, and related subjects are welcome. Review articles and original research papers describing recent findings in advanced materials to environmental recovery applications are expected to cover various topics. Potential topics include, but are not limited to: adsorption of contaminants; AI assisting environmental recovery; detection and extraction of contaminants; natural polymers; sensors; zeolites as contaminant absorbers. We hope that new ideas will promote the fast development of the exciting areas of nanomaterials and molecules useful to environmental recovery applications. We invite you to contribute to this Special Issue by submitting papers on your best research activities.

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### Guest Editors

Dr. Fernando Gomes de Souza Junior

Biopolymers & Sensors Lab., Macromolecules Institute, Universidade Federal do Rio de Janeiro, Rio de Janeiro, Brazil

Dr. Diganta B. Das

Department of Chemical Engineering, School of Aeronautical, Automotive, Chemical and Materials Engineering (AACME), Loughborough University, Loughborough LE11 3TU, UK

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### Deadline for manuscript submissions

closed (20 July 2024)



## Materials

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[materials@mdpi.com](mailto:materials@mdpi.com)

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### Message from the Editorial Board

*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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### Editors-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

Prof. Dr. Yuguang Ma

State Key Laboratory of Luminescent Materials and Devices, South China University of Technology, Guangzhou 510640, China

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