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## Advances in Functional Nanomaterials for Environmental Applications

Guest Editors:

### **Dr. Simona Zuppolini**

Institute for Polymers,  
Composites and Biomaterials,  
National Research Council of  
Italy, 80055 Naples, Italy

### **Dr. Anna Borriello**

Institute for Polymers,  
Composites and Biomaterials,  
National Research Council of  
Italy, 80055 Portici, Naples, Italy

### **Prof. Dr. Armando Zarrelli**

Department of Chemical  
Sciences, University of Napoli  
Federico II, Via Cintia 4, I-80126  
Napoli, Italy

Deadline for manuscript  
submissions:

**closed (20 July 2022)**

### **Message from the Guest Editors**

This Special Issue aims to assemble and review a broad range of ideas with inter- and multidisciplinary from leading experts in the fields of chemistry, physics, nanotechnology, materials science, and engineering. This Special Issue is focused on the emerging concepts in and improvement of environmental basic research, and will cover the following topics (but is not limited to these):

- The design and synthesis of functional nanomaterials;
- Environmental remediation (water treatment and pollutant removal);
- Photocatalysis;
- Novel transport/transformation of nanomaterials and contaminants;
- Nature-inspired materials in environmental applications;
- Solar-energy-driven photocatalysis;
- Sustainable materials originating from safe and natural resources;
- Environmental sensing and monitoring.

It is our pleasure to invite you to submit a manuscript to this Special Issue. Full papers, short communications, and reviews will be greatly appreciated.



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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

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