



## Advanced Functional Nanomaterials and Their Applications

Guest Editors:

**Prof. Dr. Ahmad Umar**

Department of Chemistry,  
Faculty of Science and Arts and  
Promising Centre for Sensors and  
Electronic Devices, Najran  
University, Najran, Saudi Arabia

**Prof. Dr. Sotirios Baskoutas**

Department of Materials Science,  
University of Patras, 265 04  
Patras, Greece

Deadline for manuscript  
submissions:

**closed (30 November 2018)**

### Message from the Guest Editors

This Special Issue is a timely approach to survey recent progress in area of functional nanomaterials and their applications. The articles presented in this Special Issue will cover various topics, ranging from materials preparation, engineering, functionalization, and their various applications, such as sensors (chemical, biological, gas, and so on), environmental remediation, biological labeling, fuel cell, electrocatalysis, catalysis, photocatalysis, electronic devices, bio-applications of nanomaterials, and so on. Certainly, the coverage is not complete, but it is our intension that this Special Issue will offer a unique glimpse of what has been achieved and what remains to be explored in functional nanomaterials.

The special issue will cover the following topics (but not limited to):

- Synthesis and characterizations of functional nanomaterials
- Sensors (bio, chemical, gas, optical, etc.)
- Photocatalysis,
- Catalysis
- Environmental remediation
- Electronic devices
- Energy devices
- Bio applications of functional nanomaterials
- Theoretical studies, etc.





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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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Materials Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

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