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## Emerging Technologies in Nanodevices and Energy Generation Applications

Guest Editor:

**Prof. Moh R. Amer**

Electrical Engineering  
Department, University of  
California Los Angeles, Center of  
Excellence for Green  
Nanotechnologies, King  
Abdulaziz City for Science and  
Technology, USA

Deadline for manuscript  
submissions:  
**closed (15 December 2021)**

### Message from the Guest Editor

Clean energy generation and efficient consumption are becoming significantly important for a sustainable future. Recent research on nanomaterials has enabled the realization of high-performance, energy-efficient nanodevices. Owing to their low dimensionality, extraordinary electrical, optical, thermal, and mechanical properties, nanodevices based on nanomaterials have shown their great potentials in various energy applications.

In this Special Issue, emerging nanodevices using novel nanomaterials and their corresponding energy applications are discussed. This includes novel transistor structures, photonic nanodevices, emerging and optimized solar cells, innovative sensors at the nanoscale, emerging nanomaterial synthesis techniques, nanomaterial characterizations, nanodevice simulations and optimizations, and integrated nanodevices and systems.

It is my pleasure to invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews are all welcome.



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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, Grosspeteranlage 5  
4052 Basel, Switzerland

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