

## Special Issue

# Photo/Electrochemical Properties and Applications of Inorganic Nanomaterials

### Message from the Guest Editors

This Special Issue of the MDPI journal *Materials* represents an excellent opportunity to explore the unexplored complex photoelectrochemical properties/applications of advanced inorganic nanomaterials. We as Editors are inviting materials scientists, physicists, chemists, chemical engineers, and electrochemists to come forward and contribute to resolving the challenges and revealing the undiscovered potentiality of all 2D nanomaterials, oxides/sulfide/phosphides, MOFs/COFs, LDHs, MXenes, CNOs, GNPs, and all other carbon nanostructures for photoelectrochemical investigations. You are welcome to submit your original research or review articles on the below topics, though are not by any means restricted to these topics so long as your submission concerns inorganic nanomaterials and their photoelectrochemical properties. **Keywords**

- nanoenergy materials
- photoelectrochemistry
- nanomaterials science and technology
- MXene (all 2D materials) applications
- LDH and MOF/COF advanced nanostructures
- all carbon nanostructures
- mono/bi/ternary metal oxides/sulfides/phosphides
- battery
- supercapacitor
- solar cells
- photocatalysis

### Guest Editors

Dr. Debananda Mohapatra

School of Materials Science and Engineering, Yeungnam University,  
Gyeongsan 38541, Gyeongbuk, Korea

Prof. Dr. Subramania Angaiah

Centre for Nano Sciences & Technology, Pondicherry Central  
University, Puducherry 605014, India

### Deadline for manuscript submissions

closed (20 June 2022)



## Materials

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*Materials*  
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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## About the Journal

### 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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### 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

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