

Special Issue

Recent Progress of Surface Engineering in Corrosion Protection

Message from the Guest Editors

Corrosion has become one of the main threats to the integrity of materials, and the development of strategies to mitigate corrosion can enhance the durability and strength of materials and allow them to withstand several applications. This Special Issue aims to showcase the latest advancements in the field of methodologies and advanced technologies developed to provide corrosion prevention and protection to different materials and applications. Through this Special Issue, cutting-edge research, ground-breaking approaches, and developing trends in surface engineering for mitigating corrosion in different sectors will be displayed. The scope of this Special Issue includes, but is not limited to, current research activities on the most recent advances in the field of surface engineering, corrosion, corrosion mitigation, as well as coatings. Original and review research papers focused on the above fields are welcome to be submitted. We look forward to receiving your contributions.

Guest Editors

Dr. Paul C. Okonkwo

Mechanical & Mechatronics Engineering Department, College of Engineering, Dhofar University, Salalah, Oman

Dr. Ahmed Bahgat Radwan

Center for Advanced Materials, Qatar University, Doha 2713, Qatar

Deadline for manuscript submissions

closed (20 November 2024)



Materials

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed



mdpi.com/si/202461

Materials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
materials@mdpi.com

[mdpi.com/journal/
materials](https://mdpi.com/journal/materials)





Materials

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed



[mdpi.com/journal/
materials](https://mdpi.com/journal/materials)



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.

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

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Ei Compendex, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Metallurgy and Metallurgical Engineering) /
CiteScore - Q1 (Condensed Matter Physics)