

## Special Issue

# Research Progress in Ceramic Coatings

### Message from the Guest Editors

The aim of this Special Issue, entitled “Research Progress in Ceramic Coatings”, is to present state-of-the-art advancements in ceramic coatings for various industrial applications. Thus, we welcome papers on innovative advancements in functional ceramic coatings, including self-repairing, bioactive, and superhydrophobic coatings. These coatings have potential applications in various industries, such as the biomedical, automotive, aerospace, and energy sectors. Papers that address the optimization, characterization and evaluation of the comprehensive properties of advanced ceramic coatings deposited using various coating techniques including PVD, CVD, sol-gel, as well as thermal spray methods are welcome in this Special Issue. We also welcome papers related to the challenges and future perspectives of advanced ceramic coatings, and those enhancing their performance and exploring new applications.

### Guest Editors

**Dr. Kamalan Kirubaharan Amirtharaj Mosas**

Department of Coating Processes, Centre for Functional and Surface Functionalized Glass, Alexander Dubček University of Trenčín, Študentská 2, 911 50 Trenčín, Slovakia

**Dr. Doni Daniel**

Department of Aerospace and Aircraft Engineering, Roehampton Vale Campus, Kingston University, Friars Avenue, London SW15 3DW, UK

### Deadline for manuscript submissions

closed (30 June 2025)



## Ceramics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.0  
CiteScore 3.7



[mdpi.com/si/190950](https://mdpi.com/si/190950)

*Ceramics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[ceramics@mdpi.com](mailto:ceramics@mdpi.com)

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





# Ceramics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.0  
CiteScore 3.7



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



## About the Journal

### Message from the Editor-in-Chief

*Ceramics* (ISSN 2571-6131), an international, open access journal, provides an advanced forum for ceramics science and engineering. Research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We are committed to drive *Ceramics* to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts. Your contribution should lead to the development of technical ceramics with better performances and to improve our quality of life.

---

### Editor-in-Chief

Prof. Dr. Gilbert Fantozzi

INSA-Lyon, MATEIS Laboratory UMR CNRS 5510, 69621 Villeurbanne,  
France

---

### Author Benefits

#### High Visibility:

indexed within Scopus, ESCI (Web of Science), and other databases.

#### Journal Rank:

JCR - Q2 (Materials Science, Ceramics) / CiteScore - Q2  
(Materials Science (miscellaneous))

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 19.6 days after submission; acceptance to publication is undertaken in 3.7 days (median values for papers published in this journal in the first half of 2025).