

Special Issue

Nanocomposites for Biomedical and Environmental Applications

Message from the Guest Editor

The development of nanomaterials such as nanoparticles, nanotubes, and nanoplatelets has inspired more and more nanocomposites with polymeric, metallic or ceramic matrices. The addition of nanomaterials may give the matrix material new characteristics and new functions. The aim of the contributions to this volume will be to report advances in the design and processing of nanocomposite materials, our understanding of the interface of nanomaterials with different types of matrices, and how these composite materials interact with microbes or toxic organic matter in the environment. Advances in the development of nanocomposite scaffolds for tissue engineering (such as ligament, tendons, etc.) and research on nanocomposite architecture and biointeractions with great potential to open the door to clinical or industrial applications are particularly encouraged in this Special Issue. Both original articles and topical reviews are welcome.

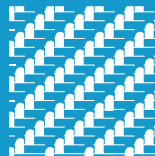
Guest Editor

Prof. Dr. Huirong Le

The Future Lab, Tsinghua University, Beijing, China

Deadline for manuscript submissions

closed (31 December 2022)



Journal of Composites Science

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 5.8



mdpi.com/si/84853

Journal of Composites Science
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jcs@mdpi.com

mdpi.com/journal/

[jcs](https://jcs.mdpi.com)





Journal of Composites Science

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 5.8



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



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Dr. Francesco Tornabene
Department of Innovation Engineering, University of Salento, 73100
Lecce, Italy

Author Benefits

Open Access:

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

High Visibility:

indexed within Scopus, ESCI (Web of Science), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Materials Science, Composites) / CiteScore - Q1 (Engineering (miscellaneous))