Journal of
Composites Science

IMPACT FACTOR 3.0

CITESCORE 5.0

an Open Access Journal by MDPI

Nanocomposites for Biomedical and Environmental Applications

Guest Editor:

Prof. Dr. Huirong Le
The Future Lab, Tsinghua University, Beijing, China

Deadline for manuscript submissions:
closed (31 December 2022)

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.