

Special Issue

3D Printing of the Ceramic and Composite Materials for Medical Applications

Message from the Guest Editors

We are pleased to invite you to publish your works in this Special Issue devoted to the current state of additive manufacturing technologies of biomedical materials. State-of-the-art 3D printing technologies offer unique opportunities to manufacture complex-shaped advanced materials with tailored design for medical applications. Creation of these high performance materials requires insights to relationships of the process parameters, properties of the initial materials, and microstructure and quality of the final product.

Works which aim to focus on the development of 3D printing technologies of dental materials, ceramic implants, and scaffolds are welcomed.

https://www.mdpi.com/journal/applsci/special_issues/3D_Printing_Medical_Materials

Guest Editors

Dr. Petr S. Sokolov

NRC "Kurchatov Institute"-IREA, Bogorodskiy val str. 3, 107076
Moscow, Russia

Dr. Dmitrii Komissarenko

Laboratory for High Performance Ceramics - Empa, Swiss Federal
Laboratories for Materials Science and Technology Überlandstrasse
129, 8600 Dübendorf, Switzerland

Deadline for manuscript submissions

closed (20 September 2021)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/si/75580](https://www.mdpi.com/si/75580)

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

[mdpi.com/journal/
applsci](https://www.mdpi.com/journal/applsci)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



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



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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), Ei Compendex, Inspec, Embase, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)