

Special Issue

3D Printed Materials Dentistry

Message from the Guest Editor

This Special Issue aims to present recent findings in the generation and utilization of novel, 3D printed, materials in orthodontics, oral and maxillofacial surgery, prosthodontics, and restorative dentistry. Authors willing to present their original, unpublished work or willing to provide a systematic review on the topic are invited to submit their manuscripts for consideration in the special issue. Eligible manuscripts will be subject to a peer-review process according to the guidelines of the journal. Potential topics include but are not limited to:

- Sterilization and its impact on printed materials
- 3D manufacturing processes
- Digital workflow and sources of error
- Metals used in additive or subtractive procedures
- Metal printing / resin printing technologies
- Biomechanical properties of 3D printed materials
- Accuracy and precision of 3D printed materials
- Biocompatibility
- Survival and failure rates
- Individualized treatment approaches
- Patient reported outcomes

Guest Editor

Dr. Kathrin Becker

Department of Orthodontics, University Hospital Dusseldorf, 40225 Dusseldorf, Germany

Deadline for manuscript submissions

closed (20 June 2022)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/54337

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

mdpi.com/journal/

[applsci](https://doi.org/10.3390/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)