

Special Issue

Nanomanufacturing of Biomedical Systems and Devices

Message from the Guest Editors

In this Special Issue, interdisciplinary topics related to innovative top-down fabrication and manufacture of micro/nano enabled biomedical devices, mechanisms and approaches for bottom-up manipulation and assembling of nanobio devices, emerging MEMS/NEMS/bioMEMS/microfluidics for studying molecular/cellular sensing and communications with controlled environments and stimulations, as well as novel schemes of implantable devices for sensing and biochemical delivery, will be included. We welcome your contributions to this Special Issue on any of following topics:

- Nanomanufacturing
- Nanosensors
- BioMEMS
- Microfluidics
- Implantable medical devices

Guest Editors

Dr. Donglei (Emma) Fan

Cockrell School of Engineering, Walker Department of Mechanical Engineering, The University of Texas, Austin, TX 78712, USA

Dr. Alan X. Wang

School of Electrical Engineering & Computer Science, Oregon State University, Corvallis, OR 97331-5501, USA

Deadline for manuscript submissions

closed (31 January 2017)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/6150

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

mdpi.com/journal/

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





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, CAPlus / SciFinder, and other databases.

Journal Rank:

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