applied sciences

an Open Access Journal by MDPI

IMPACT FACTOR 2.7

CITESCORE 4.5

Nanomanufacturing: 3D Nanofabrication and Nanoimaging

Guest Editors:

Dr. Vi Khanh Truong
Nanobiotechnology Lab, School of Science, RMIT University, 124 La Trobe Street, Melbourne, VIC 3000, Australia

Dr. Aaron Elbourne
Applied Chemistry Discipline, School of Science, RMIT University, Melbourne, VIC 3000, Australia

Dr. James Chapman
Applied Chemistry Discipline, School of Science, RMIT University, Melbourne, VIC 3000, Australia

Deadline for manuscript submissions:
closed (31 March 2020)

Message from the Guest Editors

Dear Colleagues,

Nanomanufacturing together with the advancement of artificial intelligence has become the new manufacturing paradigm of Industry 4.0. Nanomanufacturing not only involves the production of nanoscale materials, but also becomes a driving force for fabricating complex objects at high throughput.

This Special Issue "Nanomanufacturing: 3D Nanofabrication and Nanoimaging" aims to reflect recent developments in 3D nanofabrication and nanoimaging in relation to nanomanufacturing, and to grasp the essence of nanoscale fabrication and characterisation. This Special Issue also aims to provide a friendly introduction to each technique for potential users. Submissions are expected to be focused on the 3D nanofabrication and nanoimaging method itself rather than the captured phenomena. We also welcome new ideas on these topics.

We hope this Special Issue works as a roadmap for all developers and users of these newly emerging areas.

Keywords

- nanofabrication
- 3D
- nanoimaging
- 3D printer
- nanoscale microscopy
- nanoscale fabrication
- 3D self-assembly

applied sciences

IMPACT FACTOR 2.7

CITESCORE 4.5

an Open Access Journal by MDPI

Editor-in-Chief

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

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.

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), Inspec, CAPlus / SciFinder, and other databases.
Journal Rank: JCR - Q2 (*Engineering, Multidisciplinary*) / CiteScore - Q1 (*General Engineering*)

Contact Us

Applied Sciences Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
applsci@mdpi.com
𝕏@Applsci