

## Special Issue

# Nanomaterials and Nanotechnologies for 3D Printing

### Message from the Guest Editors

Three-dimensional printing is also known as additive manufacturing, which fabricates parts using layer-by-layer deposition. Various processing mechanisms and material systems can be used in 3D printing processes. This Special Issue focuses on the uses of nanomaterials in 3D printing. Nanomaterials, which include, but are not limited to, carbon nanotube, carbon nanofiber, graphene, nanoclay, nano-silver, titanium dioxide, ceramic nanoparticles, and nanocellulose, can be blended into the material system of the 3D printer for enhancing the properties or adding the multifunctional performances of the 3D-printed parts. We welcome and encourage the submission of manuscripts on original research, comprehensive reviews, experimentation, modeling, characterization, and/or novel applications of nanomaterials used in 3D printing. **Keywords**

- 3D printing
- additive manufacturing
- nanomaterial
- nanoparticle
- multifunctional
- processing
- modeling
- performance
- characterization

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### Deadline for manuscript submissions

closed (30 April 2024)



## Applied Sciences

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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.

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### Editor-in-Chief

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