

Special Issue

3D-Printed Hydrogels

Message from the Guest Editors

Hydrogels have received considerable attention over the past few decades and are distinguished from other materials by their unique and outstanding properties. The three-dimensional (3D) printing of hydrogel materials has rapidly developed into complex structures, with great strides in tissue engineering (corneal transplantation, bone treatment, and joint injuries), soft actuators/robotics, flexible electronics, and more. This Special Issue addresses the current challenges and future perspectives of 3D hydrogel printing and aims to discuss the applications of 3D-printed hydrogel structures in biomedicine, tissue engineering, medical devices, soft actuators, and flexible electronics. Research on the progress of 3D printing hydrogel technology is also welcome. Prof. Dr. Shan-hui Hsu

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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.

Editor-in-Chief

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