

Special Issue

3D Printed Microfluidic Devices and Its Applications

Message from the Guest Editor

In recent years, 3D printing has developed rapidly, driven by the exponential growth in consumer demand for cost-effective, customised manufacturing options. Consumers can access 3D printing using online 3D printing services and the rapid rise in high quality consumer-grade 3D printers. 3D printing has also been adopted in scientific research for the manufacturing of customised parts and as an alternative microfabrication approach. The focus of this Special Issue is on insights and advancements of 3D printing in microfabrication, with a focus on the developments that have allowed for the fabrication of micro-and millifluidic devices to replace processes ordinarily executed on the laboratory bench. Of special interest are devices that show advanced functionality through the use of 3D design and/or material science, and advances that improved biocompatibility. In addition to the dissemination of technological breakthroughs of original work in the form of short communications and full papers, emerging investigators and pioneers are also invited to contribute commentaries, perspectives and insightful reviews on related topics.

Guest Editor

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Message from the Editor-in-Chief

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