Special Issue

Recent Advances in 3D Printing and Additive Manufacturing

Message from the Guest Editors

In recent decades, 3D printing and additive manufacturing have emerged as a cost-effective and on-demand manufacturing technology for materials ranging from polymers to metals and alloys as well as ceramics. The ability to design and manufacture virtually any complex shape using a wide range of materials allows this technology to be adopted in research and production across a wide range of biomedical, organ printing, tissue engineering, aerospace, and automobile applications. 3D printing and additive manufacturing are key enabling technologies to increase the accuracy of product development and integrate different scales of manufacturing in mass production. These technologies hold an important role in the future of aerospace, automobiles, and healthcare. This Special Issue seeks research papers and review articles that focus on 3D printing and additive manufacturing, including novel processes, optimization, and applications of polymers, metals and alloys, ceramics, etc.

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