# Biofabrication: Micro- and Nano-fabrication, Printing, Patterning and Assemblies (Micro and Nano Technologies)

*From Brand: William Andrew*
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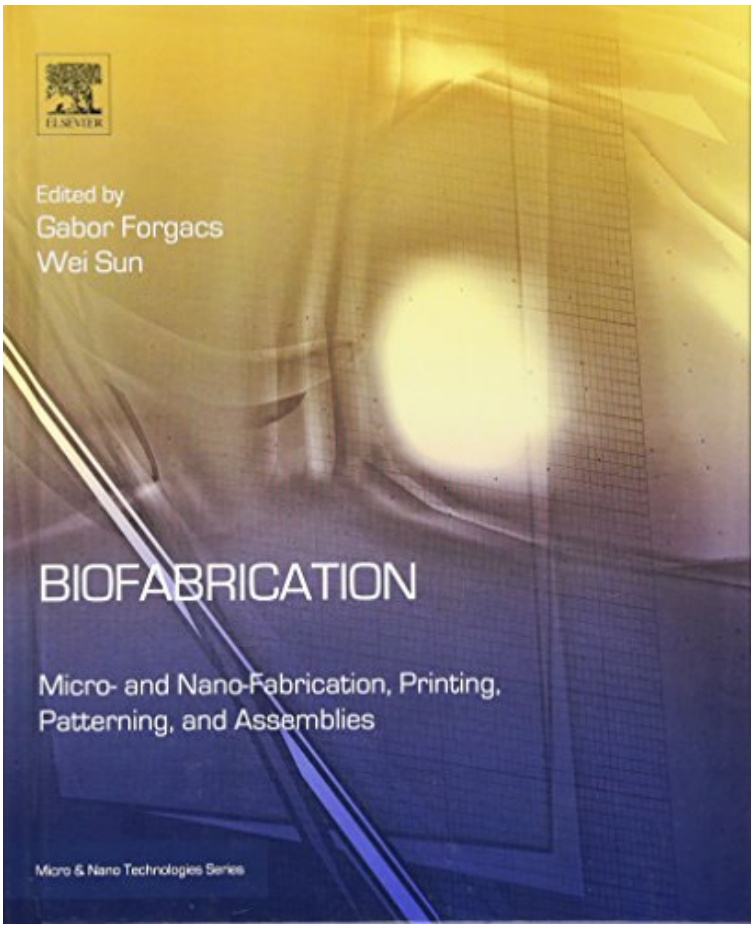




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**From Brand: William Andrew : Biofabrication: Micro- and Nano-fabrication, Printing, Patterning and Assemblies (Micro and Nano Technologies)** before purchasing it in order to gage whether or not it would be worth my time, and all praised Biofabrication: Micro- and Nano-fabrication, Printing, Patterning and Assemblies (Micro and Nano Technologies):

Biofabrication is a practical guide to the novel, inherently cross-disciplinary scientific field that focuses on biomanufacturing processes and a related range of emerging technologies. These processes and technologies ultimately further the development of products that may involve living (cells and/or tissues) and nonliving (bio-supportive proteins, scaffolds) components. The book introduces readers to cell printing, patterning, assembling, 3D

scaffold fabrication, cell/tissue-on-chips as a coherent micro-/nano-fabrication toolkit. Real-world examples illustrate how to apply biofabrication techniques in areas such as regenerative medicine, pharmaceuticals and tissue engineering. In addition to being a vital reference for scientists, engineers and technicians seeking to apply biofabrication techniques, this book also provides an insight into future developments in the field, and potential new applications. Discover the multi-disciplinary toolkit provided by biofabrication and apply it to develop new products, techniques and therapiesCovers a range of important emerging technologies in a coherent manner: cell printing, patterning, assembling, 3D scaffold fabrication, cell/tissue-on-chips...Readers develop the ability to apply biofabrication technologies through practical examples