

Orthopedic Biomaterials

Advances and Applications

This book covers the latest advances, applications, and challenges in orthopedic biomaterials. Topics covered include materials for orthopedic applications, including nanomaterials, biomimetic materials, calcium phosphates, polymers, biodegradable metals, bone grafts/implants, and biomaterial-mediated drug delivery. Absorbable orthopedic biomaterials and challenges related to orthopedic biomaterials are covered in detail. This is an ideal book for graduate and undergraduate students, researchers, and professionals working with orthopedic biomaterials and tissue engineering.

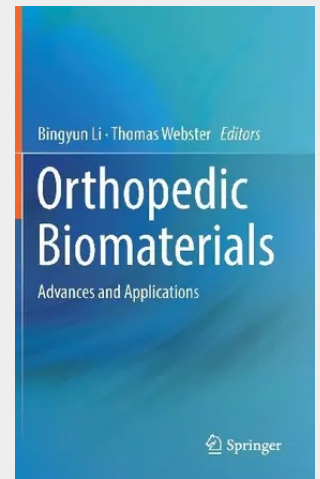
This book also:

Describes biodegradable metals for orthopedic applications, such as Zn-based medical implants

Thoroughly covers various materials for orthopedic applications, including absorbable orthopedic biomaterials with a focus on polymers

Details the state-of-the-art research on orthopedic nanomaterials and nanotechnology

Describes biodegradable metals for orthopedic applications
Thoroughly covers various materials for orthopedic applications
Details the state-of-the-art research on orthopedic nanomaterials



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