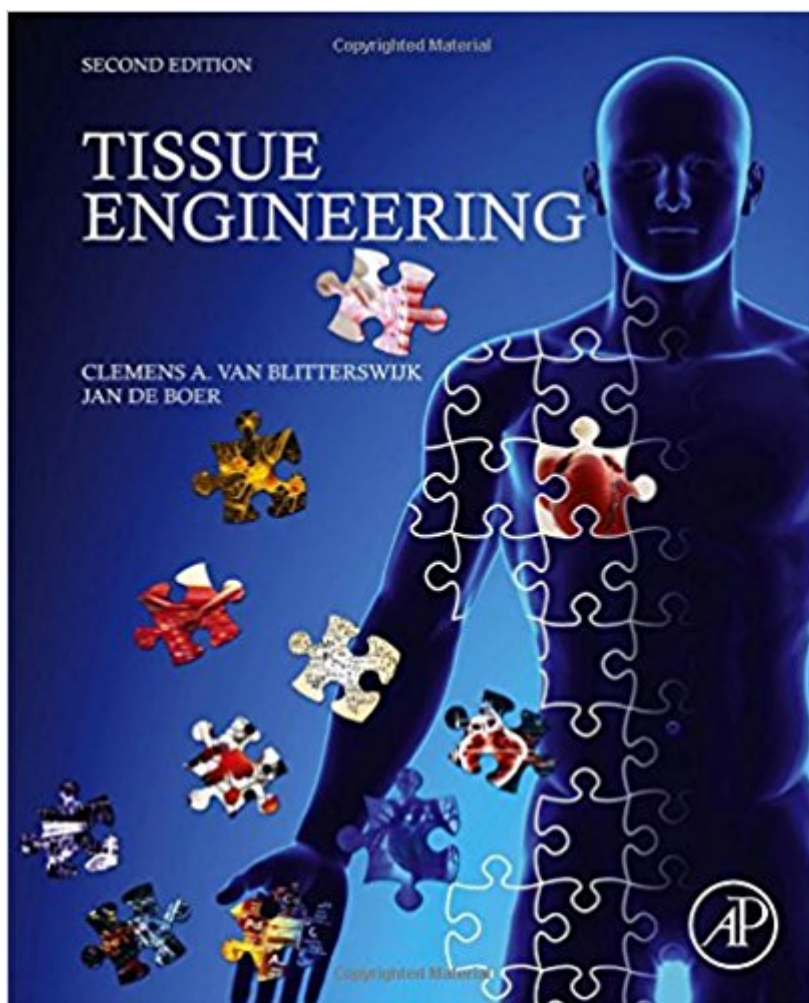


The book was found

Tissue Engineering, Second Edition



Synopsis

Tissue Engineering is a comprehensive introduction to the engineering and biological aspects of this critical subject. With contributions from internationally renowned authors, it provides a broad perspective on tissue engineering for students coming to the subject for the first time. In addition to the key topics covered in the previous edition, this update also includes new material on the regulatory authorities, commercial considerations as well as new chapters on microfabrication, materiomics and cell/biomaterial interface. Effectively reviews major foundational topics in tissue engineering in a clear and accessible fashion. Includes state of the art experiments presented in break-out boxes, chapter objectives, chapter summaries, and multiple choice questions to aid learning. New edition contains material on regulatory authorities and commercial considerations in tissue engineering.

Book Information

Hardcover: 896 pages

Publisher: Academic Press; 2 edition (December 24, 2014)

Language: English

ISBN-10: 0124201458

ISBN-13: 978-0124201453

Product Dimensions: 7.5 x 1.6 x 9.2 inches

Shipping Weight: 4.5 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #472,957 in Books (See Top 100 in Books) #79 in [Books > Textbooks > Medicine & Health Sciences > Medicine > Biotechnology](#) #165 in [Books > Engineering & Transportation > Engineering > Bioengineering > Biomedical Engineering](#) #285 in [Books > Textbooks > Medicine & Health Sciences > Medicine > Clinical > Emergency Medicine](#)

Customer Reviews

Prof. Clemens A. van Blitterswijk is Professor of Tissue Regeneration at Maastricht University, heading up one of the leading European labs in the field of Tissue Engineering and Regenerative Medicine. He combines his professorship with being Founding Partner of the new LSP-Health Economics Fund of the European health care investment group Life Sciences Partners in Amsterdam. During his career Prof. van Blitterswijk has authored and co-authored ca. 400 scientific papers. He has co-founded multiple biomedical companies and is one of the highest ranking Dutch scientists under the most frequently cited in Materials Science. He has won numerous awards for

his work, including the George Winter Award. of the European Society for Biomaterials, the Career Achievement Award of Termis and is a member of the Royal Netherlands Academy of Arts and Sciences. Jan de Boer is a professor of Applied Cell Biology at the Laboratory of Cell Biology-Inspired Tissue Engineering, University of Maastricht, The Netherlands, where his team performs innovative research on molecular and cellular engineering of bone tissue. The research program is characterized by a holistic approach to both discovery and application, aiming at combining high throughput technologies, computational modeling and experimental cell biology to streamline the wealth of biological knowledge to real clinical applications. He is chair of the Netherlands Society of Biomaterials and Tissue Engineering, and co-founder of the biotech company Materiomics B.V.

[Download to continue reading...](#)

Tissue Engineering II: Basics of Tissue Engineering and Tissue Applications (Advances in Biochemical Engineering/Biotechnology) Tissue Engineering I: Scaffold Systems for Tissue Engineering (Advances in Biochemical Engineering/Biotechnology) (v. 1) Stained Glass Tissue Box Cover: How to make your own stained glass tissue box covers Biomimetic Materials And Design: Biointerfacial Strategies, Tissue Engineering And Targeted Drug Delivery (Manufacturing Engineering & Materials Processing) Tissue Engineering: Engineering Principles for the Design of Replacement Organs and Tissues Tissue Engineering, Second Edition Principles of Tissue Engineering, Second Edition Principles of Tissue Engineering, 4th Edition Laser-Tissue Interactions: Fundamentals and Applications (Biological and Medical Physics, Biomedical Engineering) Stem Cells, Tissue Engineering and Regenerative Medicine Tissue Engineering Culture of Cells for Tissue Engineering Tissue Engineering: From Cell Biology to Artificial Organs Principles of Tissue Engineering 3D Bioprinting and Nanotechnology in Tissue Engineering and Regenerative Medicine Orthodontically Driven Corticotomy: Tissue Engineering to Enhance Orthodontic and Multidisciplinary Treatment Biomechanics and Mechanobiology of Aneurysms (Studies in Mechanobiology, Tissue Engineering and Biomaterials) (Volume 7) Cells and Biomaterials for Intervertebral Disc Regeneration (Synthesis Lectures on Tissue Engineering) Biomedical Applications of Polyurethanes (Tissue Engineering Intelligence Unit) The Reference Manual of Woody Plant Propagation: From Seed to Tissue Culture, Second Edition

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)