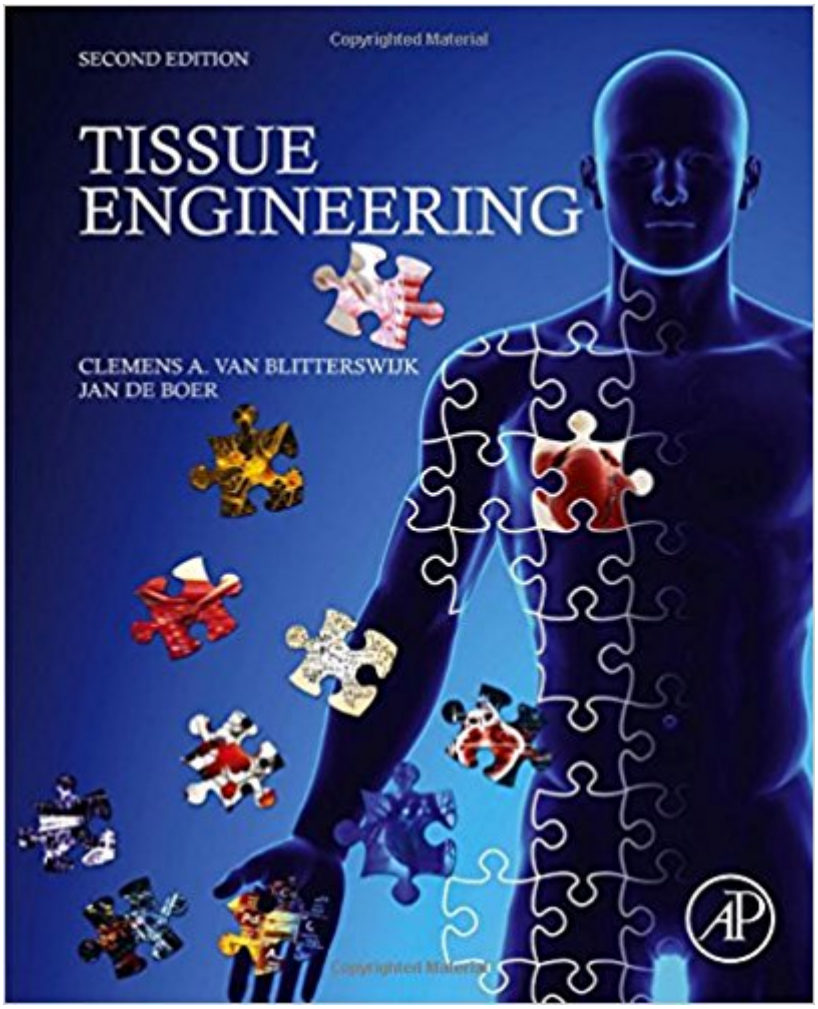
Tissue Engineering, Second Edition



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 fashionIncludes state of the art experiments presented in break-out boxes, chapter objectives, chapter summaries, and multiple choice questions to aid learningNew 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 inÂ Books > Textbooks > Medicine & Health Sciences > Medicine > Biotechnology #165 inÂ Books > Engineering & Transportation > Engineering > Bioengineering > Biomedical Engineering #285 inÂ 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.

Privacy

FAQ & Help