

<<生物材料导论>>

图书基本信息

书名：<<生物材料导论>>

13位ISBN编号：9787302108078

10位ISBN编号：7302108072

出版时间：2005-12

出版时间：清华大学出版社

作者：时东陆

页数：253

字数：474000

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内容概要

本书重点讲述生物材料和生物学的基本概念和目前的进展，并提供了生物材料和生物技术领域最新的信息。

全书共分三部分。

第一部分主要讲述生物陶瓷材料。

阐述了生物材料的定义、概念和生物陶瓷的结构、性质、化学成分以及常规的制备方法。

第二部分主要讲述高分子生物材料及其在生物环境下的分解、腐蚀和化学变化。

第三部分主要讲述生物组织工程，包括生物结构、硬组织弥补、电脑模拟、新材料性能确定技术等内容。

本书各章节分别由几位生物材料、生物组织工程和医药学领域的专家撰写。

第一、第二部分为生物材料的基础部分，可作为材料科学系、生物工程系以及医学相关领域的本科生生物材料课的教材。

第三部分可以作为研究生和科研人员研究组织工程相关课题的参考书。

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