

<<生物医学传感与检测>>

图书基本信息

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内容概要

《生物医学传感与检测》由王平、刘清君、吴春生、Chung-Chiun Liu 编著。

《生物医学传感与检测》内容如下：Biomedical Sensing and Measurement is an interdisciplinary book combining electronics with biology and medicine. It gives an overview of the concept and principle of biomedical sensing and measurement. First, the basic theory and technology are explained, followed by details of the physical sensing, chemical sensing, biosensing and their typical applications in biomedicine. Furthermore, the interface technology of the sensing and the typical measurement systems is presented. The large amount of vivid and specific figures and formulas will help to deepen the understanding of the fundamental and new applications about biomedical sensing and measurement technology. The book is intended for biomedical engineers, medical physicists and other researchers and professionals in biomedicine-related specialties, especially interdisciplinary studies.

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编辑推荐

《生物医学传感与检测》在国际上首次系统地介绍了生物医学传感与检测技术这一交叉领域的基础和应用技术，结合我们多年的科研工作，完整地介绍了现代生物医学传感和检测技术的目前国际发展现状、生物医学传感与检测技术的基本原理和方法，包括物理量传感与检测技术、化学量传感与检测技术、生物量传感与检测技术及其在生物医学领域的典型应用。

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