

<<生物微机电系统>>

图书基本信息

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内容概要

微系统技术领域的飞速发展在许多重点学科(从微电子到生命科学)引入了极具前景的产品,特别是生命科学和卫生保健业,一直是人们期望的微系统技术产品的主要市场。

毫无疑问,生物学和微纳科学的结合将会制造一场新的科技革命。

器件的微型化,直到纳米级别,接近生物组织的大小,将是生命科学成功的必备条件。

从长远角度来看,生物技术和微纳技术的结合将使人们对细胞和整个生物体的功能有更深见解。

本书对生物微系统进行了简单的回顾,并把微纳米技术广泛渗透到生物和医学领域,这对未来科学和生命科学新产品的发展进程是十分必要的。

本书适于生命科学、系统生物学、生物工程学和微纳米系统工程等相关领域的大专院校教师、高年级学生、研究生及科技人员阅读参考。

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书籍目录

Contributing Authors Preface EARLY BIOMEMS MULTI-SENSOR NEUROPROBES 1. INTRODUCTION
 2. EVOLUTION OF MICRO-SENSOR ARRAY DESIGNS 2.1 Electrical signal monitoring 2.2 Sensor Design
 monitoring 2.3 Chamber Type of Electrochemical 2D to 3D 3. OTHER APPLICATIONS-THE FIRST
 MICRO-FLUIDIC DEVICE 4. CONCLUSION 5. REFERENCES MULTI-PARAMETER BIOMEMS FOR
 CLINICAL MONITORING 1. INTRODUCTION 2. BIOSENSORS 2.1 Principle of Biosensors 2.2
 Amperometric Biosensors 3. CLINICAL MONITORING 3.1 Multi-analyte measurement 3.2 Micro-dialysis
 3.3 BioMEMS for clinical monitoring 3.4 Multi-parameter monitoring 3.5 Application 3.5.1 Monitoring of
 glucose and lactate with a micro-dialysis probe 3.5.2 Ammonia monitoring 4. CONCLUSIONS AND
 OUTLOOK 5. REFERENCES NEURAL IMPLANTS IN CLINICAL PRACTICE Interfacing neurons for
 neuro-modulation, limb control, and to restore vision-Part I 1. INTRODUCTION TO NEURAL IMPLANTS
 2. ANATOMICAL AND BIOPHYSICAL FUNDAMENTALS 2.1 Peripheral Nerve Anatomy 2.2
 Mechanisms of peripheral Nerve Damage 2.3 Extra-cellular Stimulation of Nerve Fibres 2.4 Electrical
 Modelling of the Nerve Membrane 2.5 Propagation of Action potentials 2.6 Extra-cellular Stimulation of
 Nerve Fibres 2.7 Selective Activation of Nerve Fibres BIOMEDICAL MICRODEVICES FOR NEURAL
 IMPLANTS Interfacing neurons for neuromodulation, limb control, and to restore vision-Part
 II MICRO-FLUIDIC PLATFORMS DNA BASED BIO-MICRO-ELECTRONIC MECHANICAL
 SYSTEMS SEPARATION AND DETECTION ON A CHIP PROTEIN MICROARRAYS:
 TECHNOLOGIES AND APPLICATIONS LAB-ON-A-CHIP SYSTEMS FOR CELLULAR ASSAYS NETWORK
 ON CHIP Spatial and temporal activity dynamics of functional networks in brain slices and cardiac
 tissue BIO-NANO-SYSTEMS Overview and Outlook

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