making the delivery process more efficient. Demonstrating how improvements in information systems can lead to improved patient care, Information and Communication Technologies in Healthcare explains how to create technological fields of intelligent computing, and will be of interest to researchers and practitioners from both academia and industry. The book provides an overview of key concepts in information and communication technologies, including neural networks, expert systems, and decision support systems. It is aimed at undergraduate and graduate students in the fields of information management and technology, as well as researchers and practitioners in the field of healthcare.

Microorganisms in Saline Environments: Strategies and Functions
Nicolaas Farrelly, David N. Gellner, Radhika Gupta, Sondra L. Hausner, Annu Jalais, Vibha Joshi, Nayanika Mathur, Deepak K. Mishra, Anastasia Piliavsky, Jeevan R. Sharma, Willem van Schendel

Microorganisms in Saline Environments: Strategies and Functions provides an introduction to the role of microorganisms in saline environments, including their adaptation strategies and functions. The book covers a wide range of topics, from the environmental chemistry of saline habitats to the physiology and ecology of microorganisms in these environments. It is aimed at researchers, students, and anyone interested in the study of microorganisms in saline environments.

Implantable Electronic Medical Devices
Dennis Fitzpatrick

Implantable Electronic Medical Devices provides a thorough review of the application of implantable devices, illustrating the techniques currently being used to monitor and control various physiological functions. The book covers a wide range of topics, from the design and development of implantable devices to their clinical applications. It is aimed at researchers, engineers, and clinicians interested in the development and use of implantable devices.

Biomaterials: An Introduction to Smart Materials, Second Edition
Charles M. Paul and Brian L. Douglas

Biomaterials: An Introduction to Smart Materials, Second Edition provides an introduction to the field of biomaterials, including their properties, applications, and potential uses in biomedical engineering. The book covers a wide range of topics, from the fundamental concepts of biomaterials to the design and development of smart biomaterials. It is aimed at researchers, engineers, and clinicians interested in the development and use of biomaterials in medicine.

Introduction to Medical Ethics: A Guide for Clinical Professionals
Howard Caplan

Introduction to Medical Ethics: A Guide for Clinical Professionals provides an introduction to the field of medical ethics, including its history, principles, and applications in clinical practice. The book covers a wide range of topics, from the history and development of medical ethics to its application in contemporary medical practice. It is aimed at medical professionals and anyone interested in the study of medical ethics.

Biomedical Engineering: Principles and Applications
Yi Li

Biomedical Engineering: Principles and Applications provides an introduction to the field of biomedical engineering, including its principles, applications, and potential uses in various areas of medicine. The book covers a wide range of topics, from the fundamental concepts of biomedical engineering to its application in clinical practice. It is aimed at researchers, engineers, and clinicians interested in the development and use of biomedical engineering in medicine.

John A. King, Brian L. Douglas, and Charles M. Paul

Intelligent Systems for Healthcare: A Guide for Healthcare Professionals provides an introduction to the field of intelligent systems for healthcare, including their properties, applications, and potential uses in clinical practice. The book covers a wide range of topics, from the fundamental concepts of intelligent systems for healthcare to its application in contemporary clinical practice. It is aimed at healthcare professionals and anyone interested in the study of intelligent systems for healthcare.

Biological Materials: Fundamentals and Applications
S. P. Ghosh and B. K. Das

Biological Materials: Fundamentals and Applications provides an introduction to the field of biological materials, including their properties, applications, and potential uses in medicine. The book covers a wide range of topics, from the fundamental concepts of biological materials to its application in clinical practice. It is aimed at researchers, engineers, and clinicians interested in the development and use of biological materials in medicine.

Medical Devices and the Supply Chain: A Guide for Medical Device Manufacturers
Michael A. Hulbert

Medical Devices and the Supply Chain: A Guide for Medical Device Manufacturers provides an introduction to the field of medical devices and their supply chain, including their properties, applications, and potential uses in clinical practice. The book covers a wide range of topics, from the fundamental concepts of medical devices and their supply chain to its application in contemporary clinical practice. It is aimed at medical device manufacturers and anyone interested in the study of medical devices and their supply chain.