Biosensors: Theory and Applications

Donald G. Buerk
**Download PDF | ePub | DOC | audiobook | ebooks*

#4285076 in Books CRC Press 1995-08-24Ingredients: Example IngredientsOriginal language:EnglishPDF # 1 9.21 x .56 x 6.14l, 1.07 #File Name: 0877629757232 pages | File size: 61.Mb

Donald G. Buerk : Biosensors: Theory and Applications before purchasing it in order to gage whether or not it would be worth my time, and all praised Biosensors: Theory and Applications:

This introductory text covers in detail the technology and applications of biosensors in their many forms. It provides

an extensive survey of the basic principles, functions and applications of different categories of biosensors. The presentation is concise, systematic and well illustrated. Numerous schematics illustrate design and function.This book is an overview of the basic theories of operation for a number of specific types of biosensor transducers that have been investigated, with a general survey of some of the many applications using various biological elements that have been tested to date. A major portion of this book has been devoted to electrochemical transducers, since they have been most widely used.This bestselling text provides basic information for all those involved in the research, development, and applications of biosensors.

"This book is a valuable reference for everybody involved in the development of new analytical detection methods. Biosensors will certainly be, in the future, one of the most important research areas in analytical laboratories and this book, written in a very pleasant style, is a major contribution. . . ." Prof. Jean-Luc Veuthey, University of Geneva "This book is recommended to those with an interest in chemical sensors generally and will serve well anyone with applications of molecular sensors in food and drug biotechnology and biomedical monitoring." C. P. Tavares, Ph.D., in Biotechnology and Applied Biochemistry