

660.6 BIOs

CONTENTS

1. What Is a Biosensor?	1
2. Amperometric Enzyme Electrodes for Substrate and Enzyme Activity Determinations	7
3. Development of Amperometric Biosensors for Enzyme Immunoassay	47
4. Potentiometric Enzyme Electrodes	63
5. Enzyme Thermistor Devices	83
6. Analytical Applications of Piezoelectric Crystal Biosensors	107
7. FET-Based Biosensors	139
8. Chemically Mediated Fiberoptic Biosensors	163
9. Fluorophore- and Chromophore-Based Fiberoptic Biosensors	195
10. Bioluminescence- and Chemiluminescence-based Fiberopic	213
11. Immunosensors	249
12. Microbial Biosensors	267
13. In Vivo Biosensors	303
14. Trends and Prospects	339
Index	345