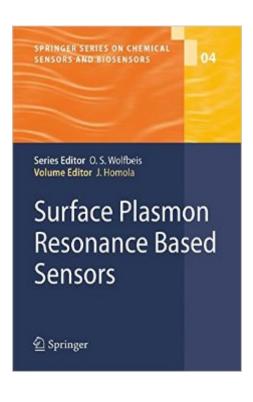
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Surface Plasmon Resonance Based Sensors (Springer Series On Chemical Sensors And Biosensors)





Synopsis

This is a comprehensive treatment of the field of SPR sensors, in three parts. Part I introduces principles of surface plasmon resonance bio-sensors, electromagnetic theory of surface plasmons, theory of SPR sensors and molecular interactions at sensor surfaces. Part II examines the development of SPR sensor instrumentation and functionalization methods. Part III reviews applications of SPR biosensors in the study of molecules, and in environmental monitoring, food safety and medical diagnostics.

Book Information

Series: Springer Series on Chemical Sensors and Biosensors (Book 4) Hardcover: 251 pages Publisher: Springer; 2006 edition (October 5, 2006) Language: English ISBN-10: 3540339183 ISBN-13: 978-3540339182 Product Dimensions: 9.2 x 0.6 x 6.1 inches Shipping Weight: 1.3 pounds (View shipping rates and policies) Average Customer Review: Be the first to review this item Best Sellers Rank: #4,196,210 in Books (See Top 100 in Books) #90 in Books > Science & Math > Chemistry > Safety #722 in Books > Textbooks > Medicine & Health Sciences > Medicine > Diagnostics & Labs > Laboratory Medicine #843 in Books > Textbooks > Medicine & Health Sciences > Medicine > Biotechnology

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