

<<光学传感器>>

图书基本信息

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### 内容概要

本书内容涵盖此领域的最新研究成果，临床处理的具体细节，在过程控制、生物芯片、临床分析、环境科学等领域的示范性应用等，概述了光学传感技术在过去二十年各方面的发展，并对未来的趋势进行了展望。

第一章讨论了探针与标记物，接下来两章分别讨论基于分子印迹的分子识别系统，环境分析中气体和液体的新的标记染料。

随后介绍了用于医学诊断和食品分析的光学生物传感器和生物芯片。

最后讨论了化学传导原理和光学传感器的设计，工业和环境样本监测分析结果。

本书可供分析化学、生物化学、分子生物学、材料科学和医学等专业研究生以及相关领域科研人员参考使用。

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