Record Nr.	UNINA9910299835803321
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Titolo	Nanoscale Surface Modification for Enhanced Biosensing : A Journey Toward Better Glucose Monitoring / / by Guigen Zhang
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-17479-7
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (108 p.)
Disciplina	620 620.44 620.5 660.6
Soggetti	Nanotechnology Materials—Surfaces Thin films Biotechnology Nanotechnology and Microengineering Surfaces and Interfaces, Thin Films
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index at the end of each chapters.
Nota di contenuto	A Brief Overview of Biosensors Morphological Surface Modification
	Biochemical Surface Modification Adding Nanoparticles in Chemical Modification Surface Modified Electrodes in A Microfluidic Biosensor Concluding Remarks.

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biosensor can be improved by nanoscale surface modification

Gives readers the tools to evaluate and improve the performance of a biosensor with a multidisciplinary approach that considers electrical, electrostatic, electrochemical, chemical, and biochemical events Links the performance of a sensor to the various governing physical and chemical principles so readers can fully understand how a biosensor with nanoscale modified electrode surface functions