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that render them great choices as alternative electrode materials for electrochemical energy storage and sensor applications. The hybridization of graphene with other nanomaterials induces a synergetic effect, leading to the improvement in electrical conductivity, stability and an enhancement of the electrocatalytic activity of the new nanocomposite material. This book discusses the electrochemical determination of a variety of biomolecules using graphene-based nanocomposite materials. Finally, recent progress in the development of electrochemical sensors using graphene-based nanocomposite materials and perspectives on future opportunities in sensor research and development are discussed in detail.--Provided by publisher.
