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	Titolo	2: Italian schools / by J. W. Goodison and G. H. Robertson
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	Autore	Sun Nianrong
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Nota di contenuto

An overview of proteomics and related nanomaterials -- Synthesis and characterization of nanomaterials -- Application of nanomaterials to separation of low-abundance proteins -- Application of nanomaterials to separation of phosphorylated proteins -- Application of nanomaterials to separation of glycosylated proteins -- Simultaneous application of nanomaterials to separation of phospho- and glyco-proteins -- Application of nanomaterials to separation of endogenous peptides.

Sommario/riassunto

This book provides a comprehensive and systematic overview of the latest advances in nanomaterials for proteomics, both theoretical and practical. Consisting of seven chapters, it first covers the synthesis methods, characterization, principles, and performance of functional nanomaterials in various branches of proteomics in detail. This is followed by the applications of nanomaterials for the separation and analysis of various proteins and peptides. Given its scope, the book appeals to a broad readership, including those active in proteomics and materials science; it can also serve as a reference book for students majoring in proteomics analysis. .
