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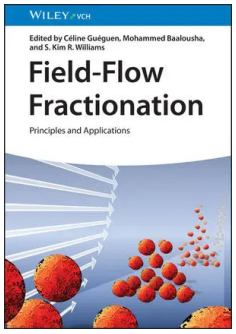
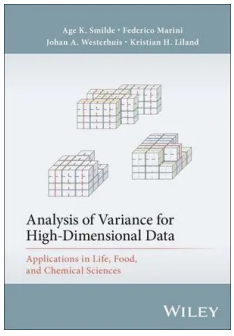


Field Flow Fractionation: Principles and Applications

Céline Guéguen, Mohammed Baalousha, Kim R. Williams

February 2026, Wiley

This book offers a comprehensive and topical one-stop reference on field flow fractionation, an important separation technique which has been proven successful in the analysis of natural and engineered nanoparticles, pharmaceuticals, proteins, polymers, soils, and food. Read more

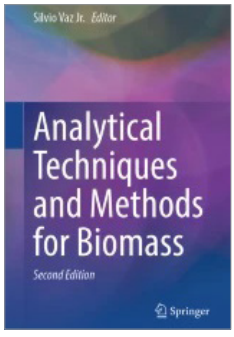


Analysis of Variance for High-Dimensional Data: Applications in Life, Food, and Chemical Sciences

Age K. Smilde, Federico Marini, Johan A. Westerhuis, Kristian Hovde Liland

July 2025, Wiley

This book is an essential reference for practitioners involved in data analysis in the natural sciences, including professionals working in chemometrics, bioinformatics, data science, statistics, and machine learning. The book is valuable for developers of new methods in high dimensional data analysis. Read more

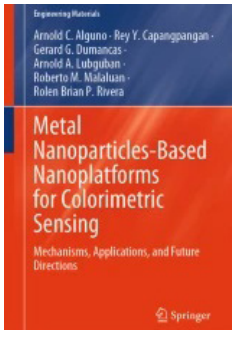


Analytical Techniques and Methods for Biomass

Silvio Vaz Jr. (Ed.)

2025, Springer Cham

This book deals with the application of techniques and methods of chemical analysis for the study of biomass and its conversion processes. It aims to fill the existing gap in the literature on this subject. The application of various techniques and analytical methods is presented straightforwardly, enabling readers to choose the most appropriate methodologies for analyzing the major classes of plant biomass and their products.



Metal Nanoparticles-Based Nanoplatforms for Colorimetric Sensing

Arnold C. Alguno, Rey Y. Capangpangan, Gerard G. Dumancas, Arnold A. Lubguban, Roberto M. Malaluan, Rolen Brian P. Rivera

2025, Springer Singapore

This book highlights an in-depth examination of metal nanoparticles as transformative agents in colorimetric sensing technology. Targeted toward researchers, practitioners, and students in nanotechnology, analytical chemistry, and related fields, this book consolidates the latest advancements in nanoparticle-based colorimetric systems for highly sensitive and selective detection.