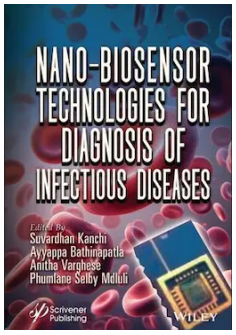
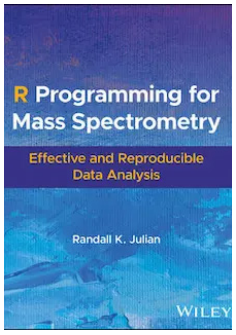
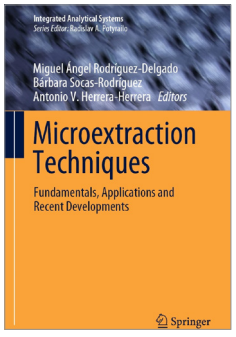
NOTICES OF BOOKS



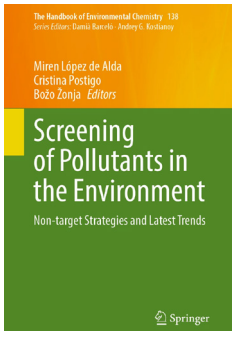
Nano-Biosensor Technologies for Diagnosis of Infectious Diseases
Kanchi, S.; Bathinapatla, A.; Varghese, A.; Mdluli, P. S. (Eds.)
May 2025, Wiley, ISBN: 978-1-394-28767-3
This book offers a thorough exploration of revolutionary nano-biosensor technologies that enables rapid, accurate detection of infectious diseases, critical for effective disease management in today's world. It provides a comprehensive overview of the technological advancements, exploring their applications, challenges, and future directions in the diagnosis and management of infectious diseases. Read more



R Programming for Mass Spectrometry: ***Effective and Reproducible Data Analysis***
Randall K. Julian
May 2025, Wiley, ISBN: 978-1-119-87239-9
A practical guide to reproducible and high impact MS data analysis. This book teaches a rigorous and detailed approach to analyzing MS data using the R programming language. Readers will find specific algorithms and reproducible examples that address common challenges in MS alongside example code and outputs. Each chapter provides practical guidance on statistical summaries, spectral search, chromatographic data processing, and machine learning for MS. Read more



Microextraction Techniques – ***Fundamentals, Applications and Recent Developments***
Rodríguez-Delgado, M. A.; Socas-Rodríguez, B.; Herrera-Herrera, A. V. (Eds.)
February 2025, Springer Nature
This book presents detailed descriptions of the most relevant sorbent based and solvent-based microextraction techniques. It provides an overview of the two main groups of microextractions, sorbent-based, and solvent-based. Each chapter focuses on the description of the technique fundamentals, the main applications, and the novel developments carried out in recent years.



Screening of Pollutants in the Environment – ***Non-target Strategies and Latest Trends***
Miren López de Alda, Cristina Postigo, Božo Žonja (Eds.)
July 2025, Springer Cham, ISBN 978-3-031-90685-5
This book reviews the latest advances in MS for detecting environmental pollutants. Readers will find a range of critical topics, including the use of ion mobility as a third dimension for compound confirmation in environmental samples, and the integration of HRMS analysis with market data to prioritize environmental contaminants. The book also explores effect-directed methods combined with non-target screening for identifying toxic transformation products, and the combination of passive sampling with non-target analysis for comprehensive environmental assessments. Read more