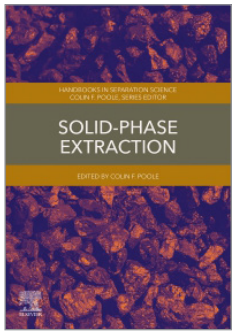
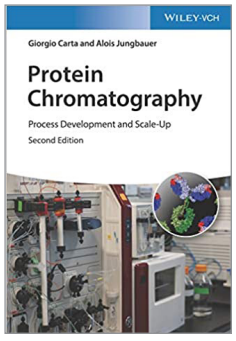
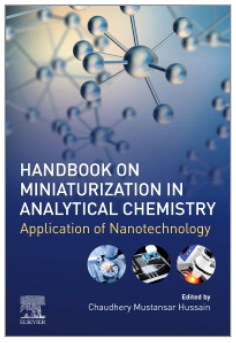
NOTICES OF BOOKS



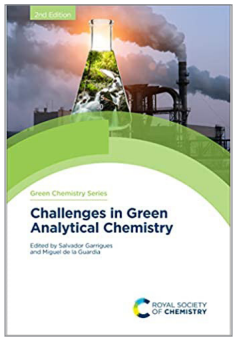
Solid-Phase Extraction – a volume in *Handbooks in Separation Science*
Colin Poole, Editor
September 2019. Publisher: Elsevier
This book thoroughly presents both new and historic techniques for dealing with SPE. It provides all information laboratory scientists need for choosing and utilizing suitable sample preparation procedures for any kind of sample. In addition, the book showcases the contemporary uses of sample preparation techniques in the most important industrial and academic project environments, including SPME, molecularly imprinted polymers, magnetic nanoparticles, and more. Read more …



Protein Chromatography: Process Development and Scale-Up, Second Edition
Giorgio Carta, Alois Jungbauer, Authors
March 2020. Publisher: Wiley
Chapters look at: Downstream Processing of Biotechnology Products; Laboratory and Process Columns and Equipment; Adsorption Equilibrium; Rate Processes; Dynamics of Chromatography Columns; Effects of Dispersion and Rate Processes on Column Performance; Gradient Elution Chromatography; and more. This book will appeal to biotechnologists, analytical chemists, chromatographers, chemical engineers, pharmaceutical industry, biotechnological industry, and biochemists. Read more …



Handbook on Miniaturization in Analytical Chemistry: Application of Nanotechnology
Chaudhery Mustansar Hussain, Editor
July, 2020. Publisher: Elsevier
Covering all stages of analysis, from sample preparation to separation and detection, this book discusses the design and manufacturing technology of miniaturization and includes an entire section on safety risks, ethical, legal and social issues (ELSI), the economics of nanotechnologies, and a discussion on sustainability with respect to nano- and lab-on-chip technologies. Read more …



Challenges in Green Analytical Chemistry
Miguel de la Guardia, Salvador Garrigues, Editors
May, 2020. Publisher: Royal Society of Chemistry
This new edition presents an overview of the latest tools and techniques for improving safety and sustainability in analytical chemistry. Covering topics including solvent selection, miniaturization and metrics for the evaluation of greenness, this book is a useful resource for researchers and application laboratories interested in reducing the risks and environmental impacts of analytical methods. Read more …