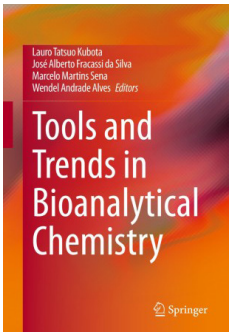
NOTICES OF BOOKS

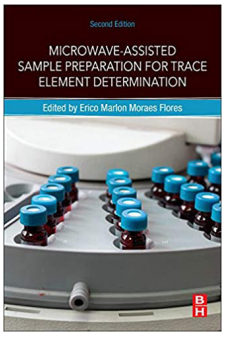


Tools and Trends in Bioanalytical Chemistry

Lauro T. Kubota, José Alberto F. da Silva, Marcelo M. Sena, Wendel A. Alves, Editors

2022. Publisher: Springer, Cham

This textbook covers the main tools and techniques used in bioanalysis, provides an overview of their principles, and offers several examples of their application and future trends in diagnosis. Explores the role of bioanalysis in different areas such as biochemistry, physiology, forensics, and clinical diagnosis, including topics from sampling/sample preparation, chemometrics in bioanalysis to the latest techniques used in the field. Read more

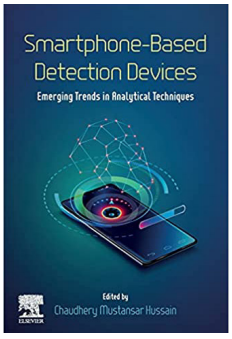


Microwave-Assisted Sample Preparation for Trace Element Determination 2nd Ed.

Érico M. M. Flores, Editor

December 2021. Publisher: Elsevier

This book covers all the new devices and more powerful systems that have emerged in the last several years, such as Ultrawave and Ultraclave systems. It offers a summary of the state-of-the-art ways to meet the challenges in the fields of geology, environmental and biological studies – as the need for further determination of rare earth elements and halogens. Read more

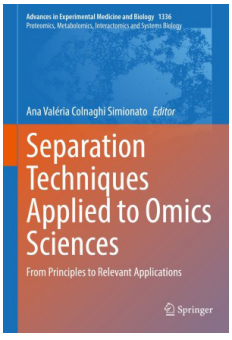


Smartphone-Based Detection Devices / Emerging Trends in Analytical Techniques

Chaudhery Mustansar Hussain, Editor

August, 2021. Publisher: Elsevier

This book gathers the modern developments in smartphone analytical methods into one comprehensive source, covering recent advancements in analytical tools while paying special attention to the most accurate, highly efficient approaches. It is an important source for researchers who require accurate analysis of their on- and off-site samples. Read more



Separation Techniques Applied to Omics Sciences / From Principles to Relevant Applications

Ana Valéria Colnaghi Simionato, Editor

October, 2021. Publisher: Springer International

First book to show relevant applications in genomics, proteomics, metabolomics and foodomics, concomitantly. It demonstrates that a multiplatform methodology is required for a comprehensive omics analyses, and separation techniques is of outcome importance. The main characteristics of each separation technique suitable to each omic approach is presented. Read more