

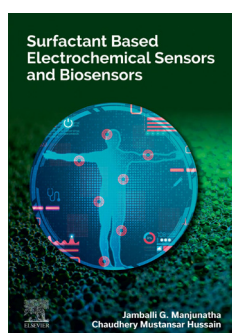
NOTICES OF BOOKS



Chemometrics: Data Treatment and Applications

Fabiano André N. Fernandes, Sueli Rodrigues, Elenilson Godoy Alves Filho (Eds.)
June 2024, Elsevier

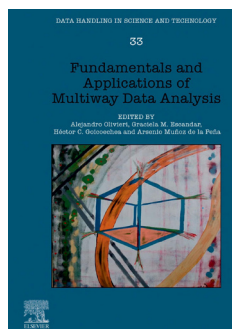
This book demonstrates best practices for treating real-world analytical instrument data and how to apply chemometrics to this data. It is meant for the industrial chemist, academics, and advanced students that want to use chemometrics in practice. Case studies on several applications are presented. It also provides basic information on chemometrics and the best practices used to treat data from different analytical instruments. [Read more](#)



Surfactant Based Electrochemical Sensors and Biosensors

Chaudhery Mustansar Hussain, Jamballi G. Manjunatha (Eds.)
March 2024, Elsevier Science

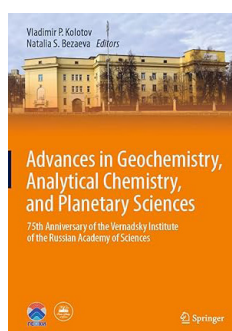
This book covers the emerging research trends and exploitation of surfactants for electrochemical sensor preparation for its applications in various fields such as academia, medicine, industry and monitoring of environmental species, expanding on scientific research in the field of electrochemistry on surfactant based electrochemical sensors. [Read more](#)



Fundamentals and Applications of Multiway Data Analysis

Alejandro Olivieri, Arsenio Muñoz de la Peña, Graciela M. Escandar, Héctor C. Goicoechea (Eds.)
January 2024, Elsevier Science

This book provides comprehensive coverage of the main aspects of multiway analysis, including selected applications that can resolve complex analytical chemistry problems. It presents coverage of all the main aspects of multi-way analytical data analysis, concerning the two main areas of interest: data generation and algorithmic models for data processing. Provides up-to-date material with reference to current literature on the subject. [Read more](#)



Advances in Geochemistry, Analytical Chemistry, and Planetary Sciences: 75th Anniversary of the Vernadsky Institute of the Russian Academy of Sciences

Natalia S. Bezaeva, Vladimir P. Kolotov (Eds.)
February 2023, Springer

This book presents 41 selected articles written by leading researchers from the Vernadsky Institute of Geochemistry and Analytical Chemistry, part of the Russian Academy of Sciences. The articles are grouped by the following topics: Geochemistry, Meteoritics, Cosmochemistry, Lunar and Planetary Sciences, Biogeochemistry and Ecology, and Analytical Chemistry, Radiochemistry, and Radioecology. The articles present recent experimental data, theoretical investigations, critical reviews, the results of computer modeling in the above-mentioned fields. The book also includes content on its history, main scientific achievements and current goals, together with detailed descriptions of its 25 laboratories and three museums so as to promote new international collaborations. [Read more](#)