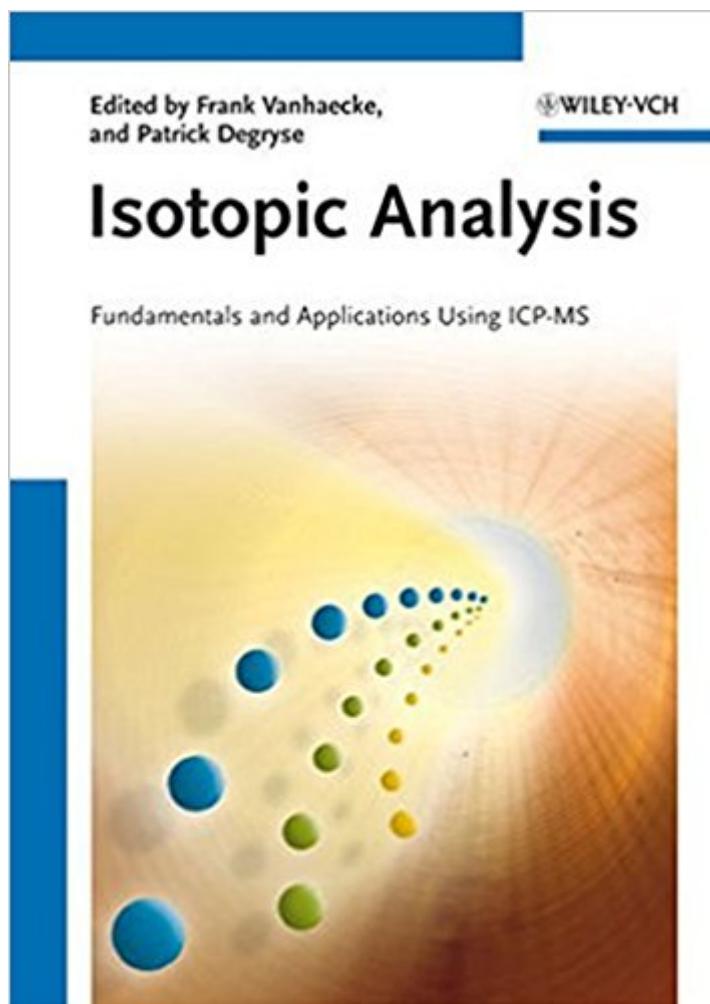


The book was found

Isotopic Analysis: Fundamentals And Applications Using ICP-MS



Synopsis

Edited by two very well-known and respected scientists in the field, this excellent practical guide is the first to cover the fundamentals and a wide range of applications, as well as showing readers how to efficiently use this increasingly important technique. From the contents: * The Isotopic Composition of the Elements * Single-Collector ICP-MS * Multi-Collector ICP-MS * Advances in Laser Ablation - Multi-Collector ICP-MS * Correction for Instrumental Mass Discrimination in Isotope Ratio Determination with Multi-Collector ICP-MS * Reference Materials in Isotopic Analysis * Quality Control in Isotope Ratio Applications * Determination of Trace Elements and Elemental Species Using Isotope Dilution ICP-MS * Geochronological Dating * Application of Multi-Collector ICP-MS to Isotopic Analysis in Cosmochemistry * Establishing the Basis for Using Stable Isotope Ratios of Metals as Paleoredox Proxies * Isotopes as Tracers of Elements Across the Geosphere-Biosphere Interface * Archaeometric Applications * Forensics Applications * Nuclear Applications * The Use of Stable Isotope Techniques for Studying Mineral and Trace Element Metabolism in Humans * Isotopic Analysis via Multi-Collector ICP-MS in Elemental Speciation A must-have for newcomers as well as established scientists seeking an overview of isotopic analysis via ICP-MS.

Book Information

Hardcover: 550 pages

Publisher: Wiley-VCH; 1 edition (July 10, 2012)

Language: English

ISBN-10: 3527328963

ISBN-13: 978-3527328963

Product Dimensions: 7 x 1.2 x 9.8 inches

Shipping Weight: 2.6 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #643,986 in Books (See Top 100 in Books) #183 in Books > Science & Math > Chemistry > Analytic #2189 in Books > Textbooks > Science & Mathematics > Chemistry

Customer Reviews

"This is a book that consists of a collection of highly technical but practical chapters written by experts in the field. Given the rapidly advancing field of isotopic mass spectrometric analysis, it will be valuable as a reference guide for research workers and advanced students of these topics." (Analytical and Bioanalytical Chemistry, 27 October 2012)

Edited by two very well-known and respected scientists in the field, this excellent practical guide is the first to cover the fundamentals and a wide range of applications, as well as showing readers how to efficiently use this increasingly important technique. From the contents: * The Isotopic Composition of the Elements * Single-Collector ICP-MS * Multi-Collector ICP-MS * Advances in Laser Ablation - Multi-Collector ICP-MS * Correction for Instrumental Mass Discrimination in Isotope Ratio Determination with Multi-Collector ICP-MS * Reference Materials in Isotopic Analysis * Quality Control in Isotope Ratio Applications * Determination of Trace Elements and Elemental Species Using Isotope Dilution ICP-MS * Geochronological Dating * Application of Multi-Collector ICP-MS to Isotopic Analysis in Cosmochemistry * Establishing the Basis for Using Stable Isotope Ratios of Metals as Paleoredox Proxies * Isotopes as Tracers of Elements Across the Geosphere-Biosphere Interface * Archaeometric Applications * Forensics Applications * Nuclear Applications * The Use of Stable Isotope Techniques for Studying Mineral and Trace Element Metabolism in Humans * Isotopic Analysis via Multi-Collector ICP-MS in Elemental Speciation A must-have for newcomers as well as established scientists seeking an overview of isotopic analysis via ICP-MS.

[Download to continue reading...](#)

Isotopic Analysis: Fundamentals and Applications Using ICP-MS Atomic Adventures: Secret Islands, Forgotten N-Rays, and Isotopic Murder - A Journey into the Wild World of Nuclear Science Weight Watchers Dining Out Companion [0013003 1/03 ICP#13003] Points values for food served at 60 popular chain restaurants, with nearly 2,000 new and updated entries! Digital Electronics: A Primer : Introductory Logic Circuit Design (Icp Primers in Electronics and Computer Science) ICP Emission Spectrometry Plastic Injection Molding: Mold Design and Construction Fundamentals (Fundamentals of Injection Molding) (2673) (Fundamentals of injection molding series) Plastic Injection Molding: Product Design & Material Selection Fundamentals (Vol II: Fundamentals of Injection Molding) (Fundamentals of injection molding series) Transportation Systems Analysis: Models and Applications (Springer Optimization and Its Applications) Structural Analysis: With Applications to Aerospace Structures (Solid Mechanics and Its Applications) Radiochemistry and Nuclear Methods of Analysis (Chemical Analysis: A Series of Monographs on Analytical Chemistry and Its Applications) Handbook of Coal Analysis (Chemical Analysis: A Series of Monographs on Analytical Chemistry and Its Applications) Analytics: Business Intelligence, Algorithms and Statistical Analysis (Predictive Analytics, Data Visualization, Data Analytics, Business Analytics, Decision Analysis, Big Data, Statistical Analysis) Analytics: Data Science, Data Analysis and Predictive Analytics for Business (Algorithms, Business Intelligence, Statistical Analysis, Decision

Analysis, Business Analytics, Data Mining, Big Data) The Compost Specialist: The Essential Guide to Creating and Using Garden Compost, and Using Potting and Seed Composts (Specialist Series) Passive Income: Make Money Online using Airbnb: A Step-By-Step Guide to build a passive income stream of \$2000 a month using Airbnb and achieve financial ... Online, Work from Home and More Book 1) Signals and Systems using MATLAB, Second Edition (Signals and Systems Using MATLAB w/ Online Testing) Understanding and Using the Light Microscope: Introduction and QuickStart Guide to Using Compound Light Microscopes Tribology and Dynamics of Engine and Powertrain: Fundamentals, Applications and Future Trends (Woodhead Publishing in Mechanical Engineering) What Customers Want: Using Outcome-Driven Innovation to Create Breakthrough Products and Services: Using Outcome-Driven Innovation to Create Breakthrough ... (Marketing/Sales/Advertising & Promotion) GOING GREEN USING DIATOMACEOUS EARTH HOW-TO TIPS: An Easy Guide Book Using A Safer Alternative, Natural Silica Mineral, Food Grade Insecticide: Practical consumer tips, recipes, and methods

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)