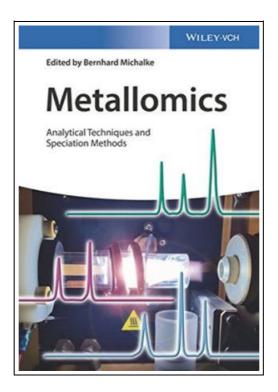
Metallomics



Filesize: 5.91 MB

Reviews

This ebook is worth acquiring. Better then never, though i am quite late in start reading this one. You will not truly feel monotony at at any time of your own time (that's what catalogues are for about if you ask me). (Lorenz Vandervort)

METALLOMICS



Condition: New. Publisher/Verlag: Wiley-VCH | Analytical Techniques and Speciation Methods | Latest developments, new insights and knowledge derived from speciation analysis in one unique compilation: The reader gets acquainted with relevant instrumental as well as application aspects of metallomics approaches, paving the road to understanding fate, pathway, and action of metals in environment and organisms. Upon an introductory chapter on analytical methods and strategies, the full bandwidth of applications is discussed. Expert chapter authors cast spotlights on recent topics such as metallomics applications to environmental and nutrition studies as well as biology and medicine. Special chapters deal with the impact of manganese and iron on neurodegeneration, and the impact of nanoparticles on health. | PrefacePART I. Analytical Methods and Strategies in MetallomicsTHE POSITION OF METALLOMICS WITHIN OTHER OMICS FIELDSIntroductionMetallome and Metallomics in Relation to Other "-Ome" and "-Omics" FieldsIs Metallomics Feasible as a Global Study of the MetallomeApproaching the Metallome: Study of Metallome SubgroupsAnalytical Strategies in MetallomicsFunctional Connections Between DNA, Proteins, Metabolites, and MetalsMetallothiolomics as Example for Metallomics Studies of a Metallome SubgroupConcluding RemarksCOUPLING TECHNIQUES AND ORTHOGONAL COMBINATION OF MASS SPECTROMETRIC TECHNIQUESIntroductionAnalytical Techniques for MetallomicsIonization Principles and Mass Spectrometric Detectors for SpeciationOverview about Coupling TechniquesFinals Remarks and OutlookQUALITY CONTROL IN SPECIATION ANALYSIS USING HPLC WITH ICP-MS AND ESI MS/MS: FOCUS ON QUANTITATION STRATEGIES USING ISOTOPE DILUTION ANALYSISIntroductionSynergetic Use of Elemental and Organic Mass Spectrometry in Compound Quantitation and Quality Assurance of Food Selenium SpeciationThe Role of Species-Specific Isotopic Dilution in Increasing Metrological Traceability for the Quantification of Bioinorganic SpeciesNOVEL METHODS FOR BIOIMAGING INCLUDING LA-ICP-MS, NanoSIMS, TEM/X-EDS, AND SXRFIntroductionBioimaging by LA-ICP-MSBioimaging by NanoSIMSBioimaging by TEM/X-EDSBioimaging by SXRFConclusions and OutlookELECTROCHEMISTRY COUPLED TO MASS SPECTROMETRY FOR INVESTIGATING OXIDATIVE METABOLISM OF PT-BASED DRUG CONJUGATES: A NOVEL APPROACHIntroductionEC-MS MethodologyEC-MS of ThiolsInfluence of Cisplatin on Thiol OxidationConclusionsPART II. Metallomics in Environment and NutritionSELENIUM AND SELENIUM SPECIESSpeciation...

Read Metallomics OnlineDownload PDF Metallomics

You May Also Like

Oxford Primary Illustrated Science Dictionary Oxford University Press, United Kingdom, 2013. Paperback. Book Condition: New. 238 x 184 mm. Language: English . Brand New Book. The Oxford Primary Illustrated Science Dictionary supports the curriculum and gives comprehensive coverage of the Read eBook *
Music for Children with Hearing Loss: A Resource for Parents and Teachers Oxford University Press Inc, United States, 2014. Paperback. Book Condition: New. 228 x 156 mm. Language: English . Brand New Book. Written by an expert in the field who is both a teacher and a Read eBook *
Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 2: I am Kipper (Hardback) Oxford University Press, United Kingdom, 2011. Hardback. Book Condition: New. 172 x 144 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK s best-selling home reading series. It Read eBook *
I Am Reading: Nurturing Young Children s Meaning Making and Joyful Engagement with Any Book Heinemann Educational Books, United States, 2015. Paperback. Book Condition: New. 234 x 185 mm. Language: English . Brand New Book. It s vital that we support young children s reading in ways that nurture healthy Read eBook *
Big Machines - Read it Yourself with Ladybird: Level 2 Penguin Books Ltd. Paperback. Book Condition: new. BRAND NEW, Big Machines - Read it Yourself with Ladybird: Level 2, Big Machines Trucks lift things and move them about all day long. Find out all about

Read eBook

»