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Analytical Techniques in Biochemistry and Molecular Biology Analytical Biochemistry Analytical Biochemistry Analytical Techniques in Biochemistry Bioanalytics Textbook of Analytical Biochemistry Principles of Analytical Biochemistry Analytical Biochemistry Analytical Biochemistry Analytical Biochemistry Methods of Biochemical Analysis Biochemical Analysis Tools Tools and Trends in Bioanalytical Chemistry Problem Solving in Analytical Biochemistry Analytical Biochemistry of Insects Amino Acid Analysis Analytical Techniques in Biosciences Proteomic Profiling and Analytical Chemistry Methods of Biochemical Analysis Bioanalytical Chemistry Recent Research Developments in Analytical Biochemistry Comprehensive Chemometrics The Essential Guide to Analytical Chemistry Bioanalytical Chemistry (Second Edition) Electrochemical Analysis of Proteins and Cells Biochemical Applications Issues in Biochemistry and Geochemistry: 2012 Edition Basics of Analytical Chemistry and Chemical Equilibria Elemental Analysis of Biological Systems Immobilized Biomolecules in Analysis Handbook of Analysis of Oligonucleotides and Related Products Class 1 Oxidoreductases II Methods of Enzymatic analysis Inorganic and Analytical Chemistry Analytical Uses of Immobilized Biological Compounds for Detection, Medical and Industrial Uses Origins of Clinical Chemistry Analysis of Biological Molecules Fundamentals of Bioanalytical Techniques and Instrumentation Protein Purification Advances in Chromatography

Analytical Techniques in Biochemistry and Molecular Biology 2011-07-19 advances in biochemistry now allow us to control living systems in ways that were undreamt of a decade ago this volume guides researchers and students through the full spectrum of experimental protocols used in biochemistry plant biology and biotechnology

Analytical Biochemistry 1993 aimed primarily at undergraduate students this text examines the analytical aspects of biochemistry and aims to provide sufficient information to enable the student to select the techniques appropriate for a particular analytical problem and develop a valid and reliable analytical method

Analytical Biochemistry 1973 this book provides a comprehensive overview of the major biochemical analytical techniques with detailed descriptions of the instrumentation and applications the contributions which each focus on a specific technique are based on a thorough review and analysis of the current literature as well as the authors experiences in the lab divided into nine parts the book provides insights into basic separation techniques like sedimentation filtration and centrifugation as well as analytical techniques such as spectrophotometry chromatography electrophoresis immuno techniques radioactivity and microscopy

Analytical Techniques in Biochemistry 2020 analytical methods are the essential enabling tools of the modern biosciences this book presents a comprehensive introduction into these analytical methods including their physical and chemical backgrounds as well as a discussion of the strengths and weakness of each method it covers all major techniques for the determination and experimental analysis of biological macromolecules including proteins carbohydrates lipids and nucleic acids the presentation includes frequent cross references in order to highlight the many connections between different techniques the book provides a bird s eye view of the entire subject and enables the reader to select the most appropriate method for any given bioanalytical challenge this makes the book a handy resource for students and researchers in setting up and evaluating experimental research the depth of the analysis and the comprehensive nature of the coverage mean that there is also a great deal of new material even for experienced experimentalists the following techniques are covered in detail purification and determination of proteins measuring enzymatic activity microcalorimetry immunoassays affinity chromatography and other immunological methods cross linking cleavage and chemical modification of proteins light microscopy electron microscopy and atomic force microscopy chromatographic and electrophoretic techniques protein sequence and composition analysis mass spectrometry methods measuring protein protein interactions biosensors nmr and epr of biomolecules electron microscopy and x ray structure analysis carbohydrate and lipid analysis analysis of posttranslational modifications isolation and determination of nucleic acids dna hybridization techniques polymerase chain reaction techniques protein sequence and composition analysis dna sequence and epigenetic modification analysis analysis of protein nucleic acid interactions analysis of sequence data proteomics metabolomics peptidomics and toponomics chemical biology

Bioanalytics 2018-05-29 analytical biochemistry as a field of study incorporates principles concepts and techniques of biological and biochemical sciences to understand and analyze chemical structures and processes this book includes various researches and case studies by internationally acclaimed experts from around the globe that aim to provide a comprehensive overview of the discipline it discusses current advancements in equipment and analytical procedures for determining and evaluating various materials monitoring and analyzing

various chemical and physical processes etc students researchers and academicians would find this book immensely helpful

Textbook of Analytical Biochemistry 2016-06-02 analytical techniques such as spectroscopy chromatography etc are particularly important in analytical biochemistry as well as in analytical chemistry generally the principles of each technique are explained and the scope and applications are discussed there are chapters on enzymes antibodies and radio isotopes substances which it may be necessary to detect and measure but which also can be very useful in a variety of analytical methods the present title principles of analytical biochemistry is intended for those who wish to understand living organisms especially man biochemistry is essential for this purpose but it would be almost impossible for a student to survey on his own the massive body of existing knowledge constantly augmented by a remarkable torrent of brilliant discoveries biochemistry is the study of the chemistry of living things this includes organic molecules and their chemical reactions most people consider biochemistry to be synonymous with molecular biology biochemistry today has made spectacular progress in unraveling the mysteries of animate nature this progress has allowed us to gain deeper insight into the principles of vital activity and has to a very significant extent stimulated the development of applied disciplines especially medicine the aim of this book is to present a core of biochemical knowledge that is desirable for undergraduate and postgraduate students and also those involved in the field of medical microbiology biotechnology and pharmaceutical

Principles of Analytical Biochemistry 2019-08-23 analytical biochemistry as a discipline is concerned with understanding the methods for analyzing various structures and processes in biological and biochemical sciences the chapters included in this book are a compilation of topics ranging from the basic to the most complex advancements in the field of molecular and cell biology human and plant genetics etc and also contains researches contributed by international experts it will prove to be an asset for students academicians professionals or readers in general interested in analytical chemistry

Analytical Biochemistry 2016-06-02 biochemical analysis is a rapidly expanding field and is a key component of modern drug discovery and research methods of biochemical analysis provides a periodic and authoritative review of the latest achievements in biochemical analysis founded in 1954 by professor david glick methods of biochemical analysis provides a timely review of the latest developments in the field

Analytical Biochemistry 1986-05-01 this book explores the role of nucleic acid analysis and the advances it has led to in the field of life sciences the first section is a collection of chapters covering experimental methods used in molecular biology the techniques adjacent to these methods and the steps of analysis before and after obtaining raw dna data the second section deals with the principles of chromatography method development sample preparation and industrial applications

Analytical Biochemistry 2009 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 chapters from expert contributors explore 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 particular attention is given to the recent advances in the application of mass spectrometry nmr electrochemical methods and separation techniques in bioanalysis readers will also find more

about the application of microchip based devices and analytical microarrays this textbook will appeal to graduate advanced undergraduate students in chemistry biology biochemistry pharmacy and chemical engineering it is also a useful resource for researchers and professionals working in the fields of biomedicine and veterinary sciences with clear explanations and examples of how the different bioanalytical devices are applied for clinical diagnosis

Methods of Biochemical Analysis 2009-09-25 a companion volume to analytical biochemistry this book shows students how to apply theoretical knowledge to solve the kind of problems encountered by analytical biochemistry in industry and working laboratories the book comprises 40 problems based on authentic data covering major areas of analytical biochemistry including assessment of quantitative methods molecular spectroscopy atomic spectroscopy gas liquid chromatography high performance liquid chromatography ionic separations radioisotopes enzyme assays and automated flow analysis each of the nine sections is preceded by a summary of the background knowledge and concepts required to solve the problems and includes references to specific sections in analytical biochemistry for further reading where relevant the book provides background knowledge and concepts required to solve the problems a number of questions have been left unanswered to allow class use of the text

Biochemical Analysis Tools 2020-06-24 the analysis of nucleosides nucleotides and associated compounds the biochemical analysis of insect dna preparation and analysis of rna analysis of amino acids peptides and related compounds insect lipid analysis chemical analysis of insect molting hormones analysis of the naturally occurring juvenile hormones their isolation identification and titer determination at physiological levels analytical biochemistry of insect neurotransmitters and their enzymes

Tools and Trends in Bioanalytical Chemistry 2021-11-25 covering a wealth of methods as well as specific applications in fields such as microbiology and clinical chemistry this comprehensive volume has the imprimatur of the methods in molecular biology series and includes reproducible cutting edge protocols

Problem Solving in Analytical Biochemistry 1994 analytical techniques in biosciences from basics to applications presents comprehensive and up to date information on the various analytical techniques obtainable in bioscience research laboratories across the world this book contains chapters that discuss the basic bioanalytical protocols and sample preparation guidelines commonly encountered analytical techniques their working principles and applications were presented techniques considered in this book include centrifugation techniques electrophoretic techniques chromatography titrimetry spectrometry and hyphenated techniques subsequent chapters emphasize molecular weight determination and electroanalytical techniques biosensors and enzyme assay protocols other chapters detail microbial techniques statistical methods computational modeling and immunology and immunochemistry the book draws from experts from key institutions around the globe who have simplified the chapters in a way that will be useful to early stage researchers as well as advanced scientists it is also carefully structured and integrated sequentially to aid flow consistency and continuity this is a must have reference for graduate students and researchers in the field of biosciences presents basic analytical protocols and sample preparation guidelines details the various analytical techniques including centrifugation spectrometry chromatography and titrimetry describes advanced techniques such as hyphenated techniques electroanalytical techniques and the application of biosensors in biomedical research presents

biostatistical tools and methods and basic computational models in biosciences

Analytical Biochemistry of Insects 1977 proteomic profiling and analytical chemistry helps scientists without a strong background in analytical chemistry to understand basic analytical principles and apply them to proteomics profiling in most proteomic profiling experiments liquid chromatography is used this method is also used widely in analytical chemistry this book bridges the gap between overly specialized courses and books in mass spectrometry proteomics and analytical chemistry it also helps researchers with an analytical chemistry background to break into the proteomics field proteomic profiling and analytical chemistry focuses on practical applications for proteomic research helping readers to design better experiments and to more easily interpret analyze and validate the resulting data experimental aspects such as sample preparation protein extraction and precipitation gel electrophoresis microarrays dynamics of fluorescent dyes and more are all covered in detail covers the analytical consequences of protein and peptide modifications that may have a profound effect on how and what researchers actually measure includes practical examples illustrating the importance of problems in quantitation and validation of biomarkers helps in designing and executing proteomic experiments with sound analytics

Amino Acid Analysis 2016-05-01 biochemical analysis is a rapidly expanding field and is a key component of modern drug discovery and research methods of biochemical analysis provides a periodic and authoritative review of the latest achievements in biochemical analysis founded in 1954 by professor david glick methods of biochemical analysis provides a timely review of the latest developments in the field Analytical Techniques in Biosciences 2021-10-21 a timely accessible survey of the multidisciplinary field of bioanalytical chemistry provides an all in one approach for both beginners and experts from a broad range of backgrounds covering introductions theory advanced concepts and diverse applications for each method each chapter progresses from basic concepts to applications involving real samples includes three new chapters on biomimetic materials lab on chip and analytical methods contains end of chapter problems and an appendix with selected answers

Proteomic Profiling and Analytical Chemistry 2012-12-31 comprehensive chemometrics second edition four volume set features expanded and updated coverage along with new content that covers advances in the field since the previous edition published in 2009 subject of note include updates in the fields of multidimensional and megavariate data analysis omics data analysis big chemical and biochemical data analysis data fusion and sparse methods the book follows a similar structure to the previous edition using the same section titles to frame articles many chapters from the previous edition are updated but there are also many new chapters on the latest developments presents integrated reviews of each chemical and biological method examining their merits and limitations through practical examples and extensive visuals bridges a gap in knowledge covering developments in the field since the first edition published in 2009 meticulously organized with articles split into 4 sections and 12 sub sections on key topics to allow students researchers and professionals to find relevant information quickly and easily written by academics and practitioners from various fields and regions to ensure that the knowledge within is easily understood and applicable to a large audience presents integrated reviews of each chemical and biological method examining their merits and limitations through practical examples and extensive visuals bridges a gap in knowledge covering developments in the field since the first edition published in 2009 meticulously organized with articles split into 4 sections and 12

sub sections on key topics to allow students researchers and professionals to find relevant information quickly and easily written by academics and practitioners from various fields and regions to ensure that the knowledge within is easily understood and applicable to a large audience

Methods of Biochemical Analysis 2009-09-25 this mini encyclopedia contains everything you need to know about analytical chemistry in a highly readable pocket sized form from sample preparation to detection separation to continuous flow analysis it lives up to its name as a truly essential guide for the practising analyst in chemistry and biochemistry its unique format with full color diagrams facing concise text makes it easy to dip into and find relevant information the clear schematic diagrams illustrate important procedures and instrumentation as well as presenting real examples of application by means of simple spectra key features of the book include concise comprehensive coverage of analytical procedures and applications clear full color diagrams explaining text real examples to illustrate applications of procedures this book with its encompassing overview is an ideal concise reference book definitely to be recommended for the analytical laboratory review of german edition

Bioanalytical Chemistry 2016-03-07 interdisciplinary knowledge is becoming increasingly important to the modern scientist this invaluable textbook covers bioanalytical chemistry mainly the analysis of proteins and dna and explains everything for the non biologist electrophoresis mass spectrometry biosensors bioassays dna and protein sequencing are not necessarily all included in conventional analytical chemistry textbooks the book describes the basic principles and the applications of instrumental and molecular methods it is particularly useful to chemistry and engineering students who already have some basic knowledge about analytical chemistry this revised second edition contains a new chapter on optical spectroscopy and updated methods and new references throughout andreas manz received the 2015 inventor award for lifetime achievement from the european patent office petra s dittrich was presented with the heinrich emanuel merck award 2015 at euroanalysis2015 conference

Recent Research Developments in Analytical Biochemistry 2001 electrochemical analysis of proteins and cells presents the remarkable progress made over the years in the electrochemical analysis of proteins and cells due to the rapid development of protein electrochemistry together with related technologies such as surface modification molecular recognition molecular assembly and nanotechnology as an interdisciplinary field combining electrochemistry analytical chemistry biochemistry biophysics biomedicine and material science the electrochemical analysis of proteins and cells has attracted broad and extensive research interest the main emphasis of this book is on the principles of electrochemical strategies and the practical utility of related detection systems which is of great importance in all biological sciences such as cell biology and molecular biology as well as in biomedical fields like cancer research this brief offers an up to date easy to follow presentation of recent advances on the subject and can serve as a supplement for graduate level courses in analytical chemistry biochemistry biophysics biotechnology biomedical engineering etc it may also help young scientists get an overview of this topic

Comprehensive Chemometrics 2020-05-26 fluorescence spectroscopy and its applications to the physical and life sciences have evolved rapidly during the past decade the increased interest in fluorescence appears to be due to advances in time resolution methods of

data analysis and improved instrumentation with these advances it is now practical to perform time resolved measurements with enough resolution to compare the results with the structural and dynamic features of mac molecules to probe the structures of proteins membranes and nucleic acids and to acquire two dimensional microscopic images of chemical or protein distributions in cell cultures advances in laser and detector technology have also resulted in renewed interest in fluorescence for clinical and analytical chemistry because of these numerous developments and the rapid appearance of new methods it has become difficult to remain current on the science of fluorescence and its many applications consequently i have asked the experts in particular areas of fluorescence to summarize their knowledge and the current state of the art this has resulted in the initial three volumes of topics in fluorescence spectroscopy which is intended to be an ongoing series which summarizes in one location the vast literature on fluorescence spectroscopy these first three volumes are designed to serve as an advanced text these volumes describe the more recent techniques and technologies volume 1 the principles governing fluorescence and the experimental observables volume 2 and applications in biochemistry and biophysics volume 3

The Essential Guide to Analytical Chemistry 1997-10-31 issues in biochemistry and geochemistry 2012 edition is a scholarly editions ebook that delivers timely authoritative and comprehensive information about inorganic biochemistry the editors have built issues in biochemistry and geochemistry 2012 edition on the vast information databases of scholarlynews you can expect the information about inorganic biochemistry in this ebook to be deeper than what you can access anywhere else as well as consistently reliable authoritative informed and relevant the content of issues in biochemistry and geochemistry 2012 edition has been produced by the world s leading scientists engineers analysts research institutions and companies all of the content is from peer reviewed sources and all of it is written assembled and edited by the editors at scholarlyeditions and available exclusively from us you now have a source you can cite with authority confidence and credibility more information is available at scholarlyeditions com

Bioanalytical Chemistry (Second Edition) 2015-06-04 enables students to progressively build and apply new skills and knowledge designed to be completed in one semester this text enables students to fully grasp and apply the core concepts of analytical chemistry and aqueous chemical equilibria moreover the text enables readers to master common instrumental methods to perform a broad range of quantitative analyses author brian tissue has written and structured the text so that readers progressively build their knowledge beginning with the most fundamental concepts and then continually applying these concepts as they advance to more sophisticated theories and applications basics of analytical chemistry and chemical equilibria is clearly written and easy to follow with plenty of examples to help readers better understand both concepts and applications in addition there are several pedagogical features that enhance the learning experience including emphasis on correct iupac terminology you try it spreadsheets throughout the text challenging readers to apply their newfound knowledge and skills online tutorials to build readers skills and assist them in working with the text s spreadsheets links to analytical methods and instrument suppliers figures illustrating principles of analytical chemistry and chemical equilibria end of chapter exercises basics of analytical chemistry and chemical equilibria is written for undergraduate students who have completed a basic course in general chemistry in addition to chemistry students this text provides an essential foundation in analytical chemistry needed by students and practitioners in biochemistry environmental science chemical engineering materials science nutrition agriculture and the life

sciences

Electrochemical Analysis of Proteins and Cells 2012-10-30 the purpose of this volume is to emphasize the fact that biological trace element research is a multidisciplinary science which requires a prudent combination of biological insight and analytical awareness the text frequently stresses that accurate measurements on biologically and analytically valid samples hold the key for success in future investigations it reminds the analytical scientists and the life sciences researchers that their perceptions should extend beyond conventional limits namely the former as generators of data and the latter as interpreters of those findings this book enables the reader to understand the intricacies of elemental composition studies in biological systems and also provides a valuable source of information to biologists biochemists physicians nutritionists and related scientific workers who intend to draw meaningful conclusions from the analytical findings

Biochemical Applications 2013-03-23 biosensors are rising to the forefront of technology because they show that humans can harness the incredible functions of living molecules and cells and use them in valuable ways biomolecules and cells are critical components of biosensors in order for these components to function in an artificial environment they must be immobilized in a way that does not affect their interactions this useful book provides a selection of the most current methods for immobilizing biomolecules and cells on a variety of surfaces so that they retain their functionality the book also includes analytical techniques for measuring the functionality of immobilized biomolecules all of the protocols have been tried and validated by the authors the methods are easily repeatable and the authors have carefully crafted the instructions so that they can be used without an extensive prior knowledge of biochemistry research in biosensors is carried out in a wide variety of fields including biochemistry chemistry engineering laboratory medicine environmental and defense research this guide will be invaluable to researchers in all of these disciplines

Issues in Biochemistry and Geochemistry: 2012 Edition 2013-01-10 oligonucleotides represent one of the most significant pharmaceutical breakthroughs in recent years showing great promise as diagnostic and therapeutic agents for malignant tumors cardiovascular disease diabetes viral infections and many other degenerative disorders the handbook of analysis of oligonucleotides and related products is an essen

Basics of Analytical Chemistry and Chemical Equilibria 2013-07-22 the springer handbook of enzymes provides concise data on some 5 000 enzymes sufficiently well characterized and here is the second updated edition their application in analytical synthetic and biotechnology processes as well as in food industry and for medicinal treatments is added data sheets are arranged in their ec number sequence the new edition reflects considerable progress in enzymology the total material has more than doubled and the complete 2nd edition consists of 39 volumes plus synonym index starting in 2009 all newly classified enzymes are treated in supplement volumes

Elemental Analysis of Biological Systems 1989-05-31 methods of enzymatic analysis volume 4 reviews developments in the use of enzymes as tools in analytical biochemistry including advances in assay techniques it discusses the principles and methods for the elucidation of structures of enzymes such as peptides proteins amino acids fatty acid metabolites lipids steroids nucleic acids purines pyrimidines nucleosides and coenzymes it also considers the isolation and characterization of active centers in enzymes this volume is

divided into four parts each discussing a group of enzymes and their determination part i focuses on proteins peptides and amino acids including amines and amides part ii is concerned with fatty acid metabolites lipids and steroids ranging from polyunsaturated fatty acids and lecithin to choline acetylcholine triglycerides glycerol acetoacetate triacetate fumarylacetoacetate 20 ketosteroids prostaglandins bile acids and cholesterol part iii discusses nucleic acids purines pyrimidines nucleosides coenzymes and related compounds whereas part iv looks at other substrates and effectors such as inorganic phosphate the book concludes with a chapter on metabolites and their concentrations in animal tissues biochemists as well as students and researchers working in the field of analytical biochemistry will find this book highly informative

Immobilized Biomolecules in Analysis 1998 proceedings of the nato advanced research workshop florence italy may 4 8 1987

Handbook of Analysis of Oligonucleotides and Related Products 2011-02-23 origins of clinical chemistry the evolution of protein analysis covers the history of the application of analytical methods to the plasma protein analysis this book is divided into 20 chapters that consider the relationship between the limitation of technical accuracy and clinical interpretation the introductory chapters provide an overview of the concept and issues in protein chemistry as well as the history of organic chemistry the succeeding chapters deal with the classification detection fractionation and analysis of proteins considerable chapters are devoted to various analytical techniques for protein analysis including colorimetry photometry svedberg technique ultracentrifuging zone electrophoresis immunohistochemical methods and radioimmunoassay the remaining chapters examine the detection and analysis of proteins in several body fluids such as urine and cerebrospinal fluid this book will be of great value to clinical analytical and organic chemists as well as to protein scientists and researchers

Class 1 Oxidoreductases II 2004-03-24 this introductory book is for students on degree or hnc d courses with a biological content requiring familiarity with modern laboratory instruments and analytical techniques numerous diagrams in text questions and comments challenge the reader to interact with rather than passively accept the material

Methods of Enzymatic analysis 2012-12-02 bioanalytical techniques are the integrated methods used in biological sciences and analytical chemistry this comprehensive and well written book is intended for those who wish to have a strong foundation in biotechnology the book deals with various concepts techniques and instruments used in bioanalysis as well as their diverse practical applications the text provides a good understanding of the general laboratory techniques microscopic methods various separation and spectroscopic techniques and many common issues of experimental design and data analysis in addition it discusses in detail various hydrodynamic techniques like sedimentation and centrifugation ph diffraction methods bioreactors and finally the application of computers in fermentation technology key features covers most bioanalytical techniques studied in biotechnology provides a large number of diagrams to illustrate the concepts and methods contains review questions this book is primarily intended as a text for undergraduate students of biotechnology b sc b tech for their course on methods of instrumentation and bioanalytical techniques many concepts and techniques covered in the text are also prescribed for postgraduate courses m sc m tech in biotechnology in most indian universities in addition the book will be extremely useful as a reference for researchers the faculty and professionals in the field

Inorganic and Analytical Chemistry 1972-03-06 the authoritative guide on protein purification now completely updated and revised since the second edition of protein purification was published in 1998 the sequencing of the human genome and other developments in bioscience have dramatically changed the landscape of protein research this new edition addresses these developments featuring a wealth of new topics and several chapters rewritten from scratch leading experts in the field cover all major biochemical separation methods for proteins in use today providing professionals in biochemistry organic chemistry and analytical chemistry with quick access to the latest techniques entirely new or thoroughly revised content includes high resolution reversed phase liquid chromatography electrophoresis in gels conventional isoelectric focusing in gel slabs and capillaries and immobilized ph gradients affinity ligands from chemical and biological combinatorial libraries membrane separations refolding of inclusion body proteins from e coli purification of pegylated proteins high throughput screening techniques in protein purification the history of protein chromatography

Analytical Uses of Immobilized Biological Compounds for Detection, Medical and Industrial Uses 1988 for more than five decades scientists and researchers have relied on the advances in chromatography series for the most up to date information on a wide range of developments in chromatographic methods and applications for volume 54 the series editors have invited established well known chemists to offer cutting edge reviews of chromatographic methods applied in the life sciences that emphasize the underlying principle of separation science the clear presentation of topics and vivid illustrations for which this series has become known makes the material accessible and engaging to analytical biochemical organic polymer and pharmaceutical chemists at all levels of technical skill

Origins of Clinical Chemistry 2012-12-02

Analysis of Biological Molecules 1995

Fundamentals of Bioanalytical Techniques and Instrumentation 2010-01-30

Protein Purification 2011-03-22

Advances in Chromatography 2017-08-15

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