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Fotoporimā Konwakai Shi - 1990

Who's who in Technology: Who's who in biotechnology - 1986

Abstracts of Papers - American Chemical Society - American Chemical Society. Meeting 1985

Trace Element Speciation Analytical Methods and Problems - Graeme E. Batley 1989-06-30

This book discusses in detail the application of physical separation procedures together with modern instrumental analysis techniques such as HPLC, gas chromatography, and anodic strip-ping voltammetry. Particular emphasis is given to environmental samples where the greatest concern for the effects of speciation on trace element transport, toxicity, and bioavailability have been ex-pressed. Special chapters are also devoted to methods of sam-pling and storage, and to the mathematical modeling of chemical speciation. Although designed for the practical analytical chemist, this publication is essential reading for researchers in or entering the field of chemical speciation.

Who's who Among Asian Americans, 1994-95 - Amy L. Unterburger 1994 Provides biographical information, including career information and addresses, for notable Asian Americans in all fields of endeavour. The entries were selected on the basis of prominence in their fields or civic responsibility.

World List of Universities and Other Institutions of Higher Education - 1997

World List of Universities is the twenty-first edition of a biennial publication providing key information on higher educational institutions worldwide. Produced in conjunction with the International Association of Universities, this ensures that all 12,000 institutions are recognised by major national educational bodies. This directory gives critical contact information for higher education institutions (not just universities), as well as giving basic structures for each.

Poly(lactic acid) - Rafael A. Auras 2011-03-08

This book describes the synthesis, properties, and processing methods of poly(lactic acid) (PLA), an important family of degradable plastics. As the need for environmentally-friendly packaging materials increases, consumers and companies are in search for new materials that are largely produced from renewable resources, and are recyclable. To that end, an overall theme of the book is the biodegradability, recycling, and sustainability benefits of PLA. The chapters, from a base of international expert contributors, describe specific processing methods, spectroscopy techniques for PLA analysis, and applications in medical items, packaging, and environmental use.

Governor Tom Kean - Alvin S. Felzenberg 2006

A political biography of the former New Jersey governor documents his political career, from his election to the state assembly, through his terms as governor, to his role as chairman of the 9/11 Commssion.

Opportunities and Obstacles in Large-Scale Biomass Utilization - National Research Council 2012-12-28

Based on a one-day public workshop held in Washington, DC, *Opportunities and Obstacles in Large-Scale Biomass Utilization: The Role of the Chemical Sciences and Engineering Communities: A Workshop Summary* explores the current state of biomass utilization for bulk-production of sustainable fuels and chemicals. The discussion focused on the chemistry and chemical engineering opportunities to meet the aforementioned objectives. Both formal presentations and breakout working groups were components of the workshop in an effort to stimulate engaging discussion among participants from widely varying fields.

Polymer Mechanochemistry - Roman Boulatov 2015-10-17

The series *Topics in Current Chemistry* presents critical reviews of the

present and future trends in modern chemical research. The scope of coverage is all areas of chemical science including the interfaces with related disciplines such as biology, medicine and materials science. The goal of each thematic volume is to give the non-specialist reader, whether in academia or industry, a comprehensive insight into an area where new research is emerging which is of interest to a larger scientific audience. Each review within the volume critically surveys one aspect of that topic and places it within the context of the volume as a whole. The most significant developments of the last 5 to 10 years are presented using selected examples to illustrate the principles discussed. The coverage is not intended to be an exhaustive summary of the field or include large quantities of data, but should rather be conceptual, concentrating on the methodological thinking that will allow the non-specialist reader to understand the information presented. Contributions also offer an outlook on potential future developments in the field. Review articles for the individual volumes are invited by the volume editors. Readership: research chemists at universities or in industry, graduate students.

Shakespeare's Victorian Stage - Richard W. Schoch 1998-08-20

This book explores the revivals of Shakespeare's history plays as staged by actor-manager Charles Kean in mid-Victorian London.

Journal of Micro/nanolithography, MEMS, and MOEMS - 2008

Representing Shakespearean Tragedy - Reiko Oya 2007-10-25

Reiko Oya considers Shakespearean tragedy as performed in the eighteenth and early nineteenth centuries by David Garrick, John Philip Kemble and his sister Sarah Siddons, and Edmund Kean. With chapters focusing on King Lear, Hamlet and Macbeth, the book offers insights into the intriguing relations among the London stage luminaries.

Ullmann's Food and Feed, 3 Volume Set - Wiley-VCH 2017-06-19

A compilation of 58 carefully selected, topical articles from the Ullmann's Encyclopedia of Industrial Chemistry, this three-volume handbook provides a wealth of information on economically important basic foodstuffs, raw materials, additives, and processed foods, including a section on animal feed. It brings together the chemical and physical characteristics, production processes and production figures, main uses, toxicology and safety information in one single resource. More than 40 % of the content has been added or updated since publication of the 7th edition of the Encyclopedia in 2011 and is available here in print for the first time. The result is a "best of Ullmann's", bringing the vast knowledge to the desks of professionals in the food and feed industries.

Black Issues in Higher Education - 1993

Carbohydrates in Drug Discovery and Development - Vinod K. Tiwari 2020-07-31

Carbohydrates in Drug Discovery and Development: Synthesis and Applications examines recent and notable developments in the synthesis, biology, therapeutic, and biomedical applications of carbohydrates, which is considered to be a highly promising area of research in the field of medicinal chemistry. Their role in several important biological processes, notably energy storage, transport, modulation of protein function, intercellular adhesion, malignant transformation, signal transduction, viral, and bacterial cell surface recognition formulate the carbohydrate systems to be an exceedingly considerable scaffold for the development of new chemical entities of pharmacological importance. In addition to their easy accessibility, high functionality and chiralpool characteristics are the few additional fascinating structural features of carbohydrates, which further enhance their utilities and thus they have been able to attract chemists and biologists toward harnessing these properties for the past several decades. This book covers an advanced aspect of carbohydrate-based molecular scaffolding, starting with a general introduction followed by a detailed discussion about the impact

of diverse carbohydrate-containing molecules of great therapeutic values and their impact on drug discovery and development. The topics covered in this book include the significance of heparin mimetics as the possible tools for the modulation of biology and therapy, chemistry and bioactivities of C-glycosylated compounds, inositols, iminosugars, KDO, sialic acids, glycohybrids, macrocycles, plant oligosaccharides, anti-bacterial and anti-cancer vaccines, antibiotics, and more. • Presents a practical and detailed overview of a wide range of carbohydrate systems including KDO, sialic acids, inositols, iminosugars, etc relevant for drug discovery and development. • Highlights the use of functionalized carbohydrates as synthons for the construction of various systems. • Covers recent developments in the synthesis of various glycohybrid molecules and vaccines. • Highlights the significance of heparin mimetics as tools for the modulation of biology. • Provides an impact of glycan microarrays and carbohydrate-protein interaction.

The Cambridge Handbook of Undergraduate Research - Harald A. Mieg 2022-07-07

Undergraduate Research (UR) can be defined as an investigation into a specific topic within a discipline by an undergraduate student that makes an original contribution to the field. It has become a major consideration among research universities around the world, in order to advance both academic teaching and research productivity. Edited by an international team of world authorities in UR, this Handbook is the first truly comprehensive and systematic account of undergraduate research, which brings together different international approaches, with attention to both theory and practice. It is split into sections covering different countries, disciplines, and methodologies. It also provides an overview of current research and theoretical perspectives on undergraduate research as well as future developmental prospects of UR. Written in an engaging style, yet wide-ranging in its scope, it is essential reading for anyone wishing to broaden their understanding of how undergraduate research is implemented worldwide.

Antisense Research and Application - Stanley T. Crooke 2012-12-06

Antisense technology may result in dramatic changes in the therapy of many diseases and may provide tools to dissect pharmacological processes and to confirm the roles of various genes. In this volume, progress in the understanding of antisense technology and its use in creating new drugs is discussed. Potential caveats, pitfalls and limitations of the technology are also presented. In the next few years the pace at which new molecular targets will be identified will increase exponentially as the sequencing of the human genome and of other genomes proceeds.

Physiology of Plants Under Stress - David M. Orcutt 2000-06-27

This second of a two-part treatise describes the phenomena of plants under stress, describing the relationship between plant structure, development, and growth and such environmental stresses as too much or too little water, light, heat, or cold.

Annual Reports in Medicinal Chemistry - David Robertson 1998-10-21

Annual Reports in Medicinal Chemistry provides timely and critical reviews of important topics in medicinal chemistry together with an emphasis on emerging topics in the biological sciences, which are expected to provide the basis for entirely new future therapies.

Who's who Among Students in American Universities and Colleges - 2001

Chemistry in Your Everyday Life - Thomas R. Rybolt Ph.D. 2019-07-15

How do soaps and detergents clean? Why do metals conduct electricity? How does burning fossil fuel contribute to global warming? The answers to these questions are found by examining the properties and behaviors of atoms and molecules. Insightful explanations and hands-on science activities simplify complicated chemistry principles into pieces of information that are more easily grasped. Sidebars include discussions on animals that can live thirty years without water, the Maillard reaction responsible for the taste and texture of french fries, the increase of carbon dioxide in the atmosphere, and how tires provide a cushion of air to smooth our rides. This book allows students to appreciate that when it comes to understanding the world around us, tiny molecules can provide big explanations.

Who's who in Technology - 1986

The Golden Future in Medicinal Chemistry: Perspectives and Resources from Old and New Gold-Based Drug Candidates - Alessandro Pratesi 2021-05-10

Acs Directory of Graduate Research 1993 - American Chemical Society. Committee on Professional Training 1993

Who's who in Technology Today - 1980

Who's who in Engineering - 1995

Who's who Among Students in American Universities and Colleges - Henry Pettus Randall 1989

ASIS Handbook & Directory - American Society for Information Science 2004

Directory of Geoscience Departments - Agi 2022-05

Who's Who in Plastics Polymers - James P. Harrington 2000-05-09

This is the first edition of a unique new plastics industry resource: Who's Who in Plastics & Polymers. It is the only biographical directory of its kind and includes contact, affiliation and background information on more than 3300 individuals who are active leaders in this industry and related organizations. The biographical directory is i

Chemical Tools for Imaging, Manipulating, and Tracking Biological Systems: Diverse Chemical, Optical and Bioorthogonal Methods - 2020-07-24

Chemical Tools for Imaging, Manipulating, and Tracking Biological Systems: Diverse Chemical, Optical and Bioorthogonal Methods, Volume 641 in the Methods in Enzymology series, continues the legacy of this premier serial with quality chapters authored by leaders in the field. Chapters in this new release include caged cyclopropanes with improved tetrazine ligation kinetics, an analysis of metabolically labeled inositol phosphate messengers by NMR, cell-permeant caged inositol pyrophosphates for probing β -cells, imaging phospholipase D activity with clickable alcohols via transphosphatidylolation, fluorescent biorthogonal labeling of class B GPCRs in live cells, near-infrared photoactivatable nitric oxide donors with integrated photoacoustic monitoring, and much more. Provides the authority and expertise of leading contributors from an international board of authors Presents the latest release in the Methods in Enzymology series Includes the latest information on retinoid signaling pathways

Functional Tactile Sensors - Ye Zhou 2021-02-01

Functional Tactile Sensors: Materials, Devices and Integrations focuses on the subject of novel materials design and device integration of tactile sensors for functional applications. The book addresses the design, materials characteristics, device operation principles, specialized device application and mechanisms of the latest reported tactile sensors. The emphasis of the book lies in the materials science aspects of tactile sensors—understanding the relationship between material properties and device performance. It will be an ideal resource for researchers working in materials science, engineering and physics. Includes the latest advances and recent developments in tactile sensors for artificial intelligence applications Reviews the relationship between materials properties and device performance Addresses materials and device design strategies for targeted sensing applications

Recent Trends in Carbohydrate Chemistry - Amélia Pilar Rauter 2020-05-13

Carbohydrate chemistry provides access to carbohydrate-based natural products and synthetic molecules as useful biologically active structures relevant to many health care and disease-related biological processes. Recent Trends in Carbohydrate Chemistry: Synthesis, Structure, and Function of Carbohydrates covers green and sustainable reactions, organometallic carbohydrate chemistry, synthesis of glycomimetics, multicomponent reactions, and chemical transformations leading to molecular diversity based on carbohydrates. These include inhibitors of glycogen phosphorylase, which are relevant in controlling type 2 diabetes and sugar sulfates. Polysaccharides, which are commonly modified chemically, are also examined with contributions covering polysaccharide synthesis and modification of polysaccharides to obtain new structures and properties. Recent Trends in Carbohydrate Chemistry: Synthesis, Structure, and Function of Carbohydrates is ideal for researchers working as synthetic organic chemists, and for those interested in biomolecular chemistry, green chemistry, organometallic chemistry, and material chemistry in academia as well as in industry Demonstrates the importance of carbohydrate chemistry as green and sustainable chemistry Details monosaccharide syntheses and transformations toward biologically active small molecular entities

Provides the most recent findings on polysaccharide synthesis and bioapplications

Who's who in Technology Today: Chemistry and biotechnology - 1984

Index of Conference Proceedings Received - British Library. Lending Division 1987

Diverse Issues in Higher Education - 2007

(Out)classed Women - Phillipa Kafka 2000

Critical discussions of the works of Chicana authors are invariably grounded in issues of power and politics. This book examines how contemporary Chicana writers have explored the subjugation of Chicanas. While Chicanos and Chicanas often suffer from the oppression of European Americans, Chicanas are additionally oppressed by a cultural system that subordinates them even further because of their gender. The first part of the volume discusses the major concerns and themes of Chicana writers in terms of the problems caused by inequitable gendered power relations. In the second, the proposed solutions of Chicana writers are presented. The final portion of the volume explores the relationship between Chicanas and other women writers and critics of color, Jewish feminists, and the mainstream feminist movement.

Profiles of American Colleges, Northeast - Barron's Educational Series, 2004-08-01

Extracted directly and without abridgement from the brand-new 26th edition of Barron's Profiles of American Colleges, this directory profiles all accredited four-year colleges in Connecticut, Delaware, the District of

Columbia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont. This directory is produced for the convenience of students who plan to restrict their college hunt to schools in the Northeast.

Polymers for Energy Storage and Conversion - Vikas Mittal 2013-05-13

One of the first comprehensive books to focus on the role of polymers in the burgeoning energy materials market Polymers are increasingly finding applications in the areas of energy storage and conversion. A number of recent advances in the control of the polymer molecular structure which allows the polymer properties to be more finely tuned have led to these advances and new applications. *Polymers for Energy Storage and Conversion* assimilates these advances in the form of a comprehensive text that includes the synthesis and properties of a large number of polymer systems for applications in areas such as lithium batteries, photovoltaics, and solar cells. *Polymers for Energy Storage and Conversion*: Introduces the structure and properties of polymer hydrogel with respect to its applications for low to intermediate temperature polymer electrolyte-based fuel cells Describes PVAc-based polymer blend electrolytes for lithium batteries Reviews lithium polymer batteries based on ionic liquids Proposes the concept of the solar cell with organic multiple quantum dots (MQDs) Discusses solvent effects in polymer-based organic photovoltaic devices Provides an overview of the properties of the polymers that factor into their use for solar power, whether for niche applications or for large-scale harvesting Reviews the use of macroporous organic polymers as promising materials for energy gas storage Readership Materials scientists working with energy materials, polymer engineers, chemists, and other scientists and engineers working with photovoltaics and batteries as well as in the solar and renewable energy sectors.