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The Coronaviridae - S. Siddell
1995-09-30

This volume represents the most authoritative source of information on coronaviruses collected together in a single work. Chapters provide an up-to-date account of the molecular biology of coronaviruses and toroviruses as well as the pathogenesis of coronavirus and torovirus infections. Discussions emphasize the unique features of the coronaviridae and examine the concept of a

'coronavirus-like' superfamily. Academic researchers and their students as well as clinicians and veterinarians with an interest in coronavirus-related disease will benefit from this comprehensive reference.

Indian Science Abstracts -
2011-11

In Silico Drug Design - Kunal Roy
2019-02-12

In Silico Drug Design: Repurposing Techniques and Methodologies explores the application of computational

tools that can be utilized for this approach. The book covers theoretical background and methodologies of chem-bioinformatic techniques and network modeling and discusses the various applied strategies to systematically retrieve, integrate and analyze datasets from diverse sources. Other topics include in silico drug design methods, computational workflows for drug repurposing, and network-based in silico screening for drug efficacy. With contributions from experts in the field and the inclusion of practical case studies, this book gives scientists, researchers and R&D professionals in the pharmaceutical industry valuable insights into drug design. Discusses the theoretical background and methodologies of useful techniques of cheminformatics and bioinformatics that can be applied for drug repurposing. Offers case studies relating to the in silico modeling of FDA-approved drugs for the discovery of antifungal, anticancer, antiplatelet agents,

and for drug therapies against diseases. Covers tools and databases that can be utilized to facilitate in silico methods for drug repurposing.

Green Nanoparticles - Jayanta Kumar Patra 2020-04-06

Nanotechnology is the application of science to control matter at the molecular level. It has become one of the most promising applied technologies in all areas of science.

Nanoparticles have multifunctional properties and have created very interesting applications in various fields such as medicine, nutrition, bioenergy, agriculture and the environment. But the biogenic syntheses of monodispersed nanoparticles with specific sizes and shapes have been a challenge in biomaterial science. Nanoparticles are of great interest due to their extremely small size and large surface-to-volume ratio, which lead to both chemical and physical differences in their properties (e.g., mechanical properties, biological and sterical properties, catalytic activity, thermal and electrical

conductivity, optical absorption and melting point) compared to bulk of the same chemical composition. Recently, however, synthesizing metal nanoparticles using green technology via microorganisms, plants, viruses, and so on, has been extensively studied and has become recognized as a green and efficient way for further exploiting biological systems as convenient nanofactories. Thus the biological synthesis of nanoparticles is increasingly regarded as a rapid, ecofriendly, and easily scaled-up technology. Today researchers are developing new techniques and materials using nanotechnology that may be suitable for plants to boost their native functions. Recently, biological nanoparticles were found to be more pharmacologically active than physico-chemically synthesized nanoparticles. Various applications of biosynthesized nanoparticles have been discovered, especially in the field of biomedical research, such as applications to specific

delivery of drugs, use for tumor detection, angiogenesis, genetic disease and genetic disorder diagnosis, photoimaging, and photothermal therapy. Further, iron oxide nanoparticles have been applied to cancer therapy, hyperthermia, drug delivery, tissue repair, cell labeling, targeting and immunoassays, detoxification of biological fluids, magnetic resonance imaging, and magnetically responsive drug delivery therapy. Nanoparticle synthesis for plant byproducts for biomedical applications has vast potential. This book offers researchers in plant science and biomedicine the latest research and opportunity to develop new tools for the synthesis of environmentally friendly and cost-effective nanoparticles for applications in biomedicine as well as other various fields.

Ultraviolet Germicidal Irradiation Handbook -

Wladyslaw Kowalski 2010-01-12

This reference covers technical information on ultraviolet germicidal irradiation and its

application to air and surface disinfection and the control of pathogens and allergens. Its main focus is airborne microbes and surface contamination applications.

Phytotoxicity of

Nanoparticles - Mohammad Faisal 2018-06-28

This book provides relevant findings on nanoparticles' toxicity, their uptake, translocation and mechanisms of interaction with plants at cellular and sub-cellular level. The small size and large specific surface area of nanoparticles endow them with high chemical reactivity and intrinsic toxicity. Such unique physicochemical properties draw global attention of scientists to study potential risks and adverse effects of nanoparticles in the environment. Their toxicity has pronounced effects and consequences for plants and ultimately the whole ecosystem. Plants growing in nanomaterials-polluted sites may exhibit altered metabolism, growth reduction, and lower biomass production.

Nanoparticles can adhere to plant roots and exert physicochemical toxicity and subsequently cell death in plants. On the other hand, plants have developed various defense mechanisms against this induced toxicity. This book discusses recent findings as well as several unresolved issues and challenges regarding the interaction and biological effects of nanoparticles. Only detailed studies of these processes and mechanisms will allow researchers to understand the complex plant-nanomaterial interactions.

[Proceedings of the 7th International Conference on Advances in Energy Research](#) - Manaswita Bose 2020-10-17

This book presents selected papers from the 7th International Conference on Advances in Energy Research (ICAER 2019), providing a comprehensive coverage encompassing all fields and aspects of energy in terms of generation, storage, and distribution. Themes such as optimization of energy systems, energy efficiency, economics,

management, and policy, and the interlinkages between energy and environment are included. The contents of this book will be of use to researchers and policy makers alike.

Commonwealth Universities Yearbook - 1969

A directory to the universities of the Commonwealth and the handbook of their association.

Global Tuberculosis Report 2015 - World Health Organization 2015

Chapter 1. Introduction --
chapter 2. Disease burden and 2015 targets assessment --
chapter 3. TB case notifications and treatment outcomes --
chapter 4. Drug-resistant TB --
chapter 5. Diagnostics and laboratory strengthening --
chapter 6. Addressing the co-epidemics of TB and HIV --
chapter 7. Financing -- chapter 8. Research and development --
Annexes.

Sociological Theory Beyond the Canon - Syed Farid Alatas
2017-05-27

This book expands the sociological canon by introducing non-Western and

female voices, and subjects the existing canon itself to critique. Including chapters on both the 'founding fathers' of sociology and neglected thinkers it highlights the biases of Eurocentrism and androcentrism, while also offering much-needed correctives to them. The authors challenge a dominant account of the development of sociological theory which would have us believe that it was only Western European and later North American white males in the nineteenth and early twentieth century who thought in a creative and systematic manner about the origins and nature of the emerging modernity of their time. This integrated and contextualised account seeks to restructure the ways in which we theorise the emergence of the classical sociological canon. This book's global scope fills a significant lacuna and provides a unique teaching resource to students of classical sociological theory. [Handbook of advances in Alkali-activated Concrete](#) - Fernando Pacheco-Torgal 2021-12-16

Advances on Alkali-activated Concrete, provides comprehensive information on materials, structural properties and realistic potential for the application of alkali-activated concretes and cements. Divided over seven key parts, including the design of alkali-activated concrete, their fabrication and curing, rheology, properties of alkali-activated concrete, durability, dynamic performance and LCA, the book will be an essential reference resource for academic and industrial researchers, materials scientists, chemists, manufacturers and civil engineers working with alkali-activated materials and concrete structures. Provides an essential guide on the latest developments in alkali-activated concrete

Comprehensively examines alkali-activated concrete performance under cyclic loading Includes concrete systems containing coarser aggregates Presents several important cases studies of application

Indians in the First World

War - Aravind Ganachari
2020-01-31

Indians in the First World War: The Missing Links is the first authoritative and complete academic account of the Indian participation in the First World War to be written by an Indian historian. The Great War involved significant Indian military contributions and casualties that are largely unheard of. The war also brought about major changes in the Indian social and political situation, caste structure and viewpoint regarding Indian identity, and fuelled the demand for India's independence. This book carefully articulates and examines these crucial historic changes. The book covers Indian perspectives on all major aspects—historical, social, political and religious, among others—that were instrumental in ensuring India's participation in the war. Based on the author's own research and deep familiarity with Indian history and contemporary political reality, the book throws new light on some major events

during the war. It is an indispensable book that deserves to be read by anyone who is interested in gaining a more thorough understanding of India's contribution to and standing in world history and politics.

Vegetable Fiber Composites and their Technological Applications

- Mohammad Jawaid 2021-08-18

This book explores vegetable fiber composite as an eco-friendly, biodegradable, and sustainable material that has many potential industrial applications. The use of vegetable fiber composite supports the sustainable development goals (SDGs) to utilize more sustainable and greener composite materials, which are also easy to handle and locally easily available with economical production costs. This book presents various types of vegetable fiber composite and its processing methods and treatments to obtain desirable properties for certain applications. The book caters to researchers and students who are working in the

field of bio-composites and green materials.

Actinobacteria - Jayachandra S. Yaradoddi 2023-02-10

Through this book, the readers will learn about the different aspects of Actinobacteria- beginning with its ecology and occurrence, to the ways of its adaptation to harsh climates, and finally to its practical applications. The book also presents methods of identifying and characterizing this diverse group of bacteria through advanced techniques like MALDI-TOF, 16S rRNA analysis, etc. Different chapters describe the various biotechnological applications of Actinobacteria, including bioremediation, secondary metabolite production, and in producing antibiotics, anti-cancer therapeutics. It also provides insights into the applications in agriculture and forestry by inhibiting plant pathogenic bacteria's growth.

Microbial Nanobiotechnology - Agbaje Lateef 2021

This edited book serves as a vital resource on the contributions of

microorganisms to advances in nanotechnology, establishing their applications in diverse areas of biomedicine, environment, biocatalysis, food and nutrition, and renewable energy. It documents the impacts of microorganisms in nanotechnology leading to further developments in microbial nanobiotechnology. This book appeals to researchers and scholars of microbiology, biochemistry and nanotechnology.

Handbook of the Universities - 1964

Integrative Nanomedicine for New Therapies - Anand Krishnan 2020-03-02

This book presents current laboratory, scientific and clinical aspects of nanomaterials used for medical applications in the fields of regenerative medicine, dentistry and pharmacy. It gives a broad overview of the in vitro compatibility assessment of nanostructured materials implemented in the medical field by the combination of classical biological protocols.

The chapters cover all aspects of integrative medicine, such as green derived nanomaterials for biological applications; synthetic and nature-derived lipid nanoparticles and polymer nanoparticles.

The World of Learning - 1970

Includes deans and selected faculty at professor level by department or discipline.

Gandhi in Bombay - Usha Thakkar 2017

This book is a tribute to the symbiotic relation between Gandhi and Bombay, a relation that spanned and strengthened over decades. The city had welcomed him warmly on his return from South Africa in 1915 and this warmth never receded. Bombay has earned a special place in the history of India's freedom struggle under Gandhi's leadership. In 1919, it was Gandhi's first nationwide protest, the Satyagraha against the unjust Rowlatt Act in Bombay that propelled him to the position of an undisputed leader. Bombay was also the site for the launch of the Non-cooperation movement in 1920. The response of the city to

Gandhi's Salt March in 1930 and his call for the Quit India movement in 1942 was unprecedented. It was in Bombay that Gandhi gave the historic mantra of 'Do or Die'. Protests, processions, meetings, picketing, and strikes organized under his name drew people from all sections of the society. Gandhi's important movements were intertwined with the life of this city and its people. Gandhi was full of determination and the city with vibrancy; this amalgam resulted in the powerful synergy that made history. Bombay became the nerve centre of Gandhi's political activities and agitations. Drawing on primary sources from the Maharashtra State Archives as well as archival materials and photographs, and using Bombay as a focal point, this volume narrates the story of the man and his struggle for the nation's independence.

Textbook of Pleural Diseases Second Edition - Richard W. Light 2008-04-25

This internationally renowned reference work is a fully

updated and expanded second edition of the most comprehensive title available on pleural diseases. Building on the many strengths of the highly respected first edition, the book features a detailed yet lucid basic science section to support understanding of the physiological and pathophysiological mechanisms that underlie diseases of the pleura. This is followed by a wide-ranging series of clinical chapters, discussing both familiar and less common aspects of pleural diseases. Chapters in the clinical section are written in an accessible and uniform style, making extensive use of illustrative material and covering definition, incidence and epidemiology, etiology and pathogenesis, clinical presentation, investigations, treatments, possible complications and directions for future development. State-of-the-art scientific knowledge is presented at an appropriate level for the practicing clinician, and published management guidelines are included where relevant. Each chapter

concludes with a summary of its 'key points', highlighting practical messages regarding patient management for the reader. Textbook of Pleural Diseases is an indispensable reference for pulmonary physicians and trainees worldwide.

Lasso Peptides - Yanyan Li
2014-10-21

Lasso peptides form a growing family of fascinating ribosomally-synthesized and post-translationally modified peptides produced by bacteria. They contain 15 to 24 residues and share a unique interlocked topology that involves an N-terminal 7 to 9-residue macrolactam ring where the C-terminal tail is threaded and irreversibly trapped. The ring results from the condensation of the N-terminal amino group with a side-chain carboxylate of a glutamate at position 8 or 9, or an aspartate at position 7, 8 or 9. The trapping of the tail involves bulky amino acids located in the tail below and above the ring and/or disulfide bridges connecting the ring and the tail. Lasso peptides are

subdivided into three subtypes depending on the absence (class II) or presence of one (class III) or two (class I) disulfide bridges. The lasso topology results in highly compact structures that give to lasso peptides an extraordinary stability towards both protease degradation and denaturing conditions. Lasso peptides are generally receptor antagonists, enzyme inhibitors and/or antibacterial or antiviral (anti-HIV) agents. The lasso scaffold and the associated biological activities shown by lasso peptides on different key targets make them promising molecules with high therapeutic potential. Their application in drug design has been exemplified by the development of an integrin antagonist based on a lasso peptide scaffold. The biosynthesis machinery of lasso peptides is therefore of high biotechnological interest, especially since such highly compact and stable structures have to date revealed inaccessible by peptide synthesis. Lasso peptides are

produced from a linear precursor LasA, which undergoes a maturation process involving several steps, in particular cleavage of the leader peptide and cyclization. The post-translational modifications are ensured by a dedicated enzymatic machinery, which is composed of an ATP-dependent cysteine protease (LasB) and a lactam synthetase (LasC) that form an enzymatic complex called lasso synthetase. Microcin J25, produced by *Escherichia coli* AY25, is the archetype of lasso peptides and the most extensively studied. To date only around forty lasso peptides have been isolated, but genome mining approaches have revealed that they are widely distributed among Proteobacteria and Actinobacteria, particularly in *Streptomyces*, making available a rich resource of novel lasso peptides and enzyme machineries towards lasso topologies.

Six Months in India - Mary Carpenter 1868

Heparin-Induced Thrombocytopenia -

Theodore Warkentin
2003-12-05

Taking stock of advances in clinical recognition, laboratory testing, and pharmacologic therapy as well as basic aspects of pathogenesis, the Third Edition of Heparin-Induced Thrombocytopenia reinforces its standing as the leading guide to accurate diagnosis and effective management of this complex condition. Featuring added chapters on bivalirudin

Biobased Nanotechnology for Green Applications -

Hemen Sarma 2021-05-02

Investigation on biobased nanomaterials has provided new insights into the rapidly advancing fields of the biomedical and environmental sciences by showing how these nanomaterials are effective in biomedicine and environmental remediation. These particles hold tremendous prospective applications, and are likely to become the next generation of particles in these areas. As such, research is ongoing and the data generated should have

the potential for a sustainable future in both the environmental and biomedical fields. This book presents important findings on the role of and identification of novel applications of biobased nanomaterials. Unlike other books in this field, this book focuses entirely on sustainable application and remediation in biomedicine and environmental science. The chapters are written in such a way as to make them accessible to the reader, and furthermore, the volume can be readily adopted as a reference, or used as a guide for further research. This project was based on recent research (the last 5 years) and developed through an extensive literature search. The editors have also compiled some advanced, outstanding texts that should be of benefit to graduate students in their research.

Chemosensors - Binghe Wang
2011-08-24

A thorough, accessible, and general overview of chemosensors Providing a comprehensive overview of

chemosensors—organic molecules designed to bind and sense small molecules or metal ions—and their applications, *Chemosensors: Principles, Strategies, and Applications* is an accessible one-stop resource for analysts, clinicians, and graduate students studying advanced chemistry and chemosensing. Chemosensors function on a molecular level, generating a signal upon binding. The book reviews their synthesis, design, and applications for detecting biological and organic molecules as well as metal ions. The text highlights applications in drug discovery and catalyses that have not been well covered elsewhere. Covering such topics as molecular recognition, detection methods, design strategies, and important biological issues, the book is broken into four sections that examine intermolecular interactions, strategies in sensor design, detection methods, and case studies in metal, saccharide, and amino acid sensing. An indispensable source of

information for chemical and biomedical experts using sensors, Chemosensors includes case studies to make the material both accessible and understandable to chemists of all backgrounds.

Index Medicus - 2004-12

Vols. for 1963- include as pt. 2 of the Jan. issue: Medical subject headings.

Families Caring for an Aging America - National Academies of Sciences, Engineering, and Medicine 2016-11-08

Family caregiving affects millions of Americans every day, in all walks of life. At least 17.7 million individuals in the United States are caregivers of an older adult with a health or functional limitation. The nation's family caregivers provide the lion's share of long-term care for our older adult population. They are also central to older adults' access to and receipt of health care and community-based social services. Yet the need to recognize and support caregivers is among the least appreciated challenges facing the aging U.S. population.

Families Caring for an Aging America examines the prevalence and nature of family caregiving of older adults and the available evidence on the effectiveness of programs, supports, and other interventions designed to support family caregivers. This report also assesses and recommends policies to address the needs of family caregivers and to minimize the barriers that they encounter in trying to meet the needs of older adults.

AKASHVANI - All India Radio (AIR), New Delhi 1979-01-14 "Akashvani" (English) is a programme journal of ALL INDIA RADIO, it was formerly known as The Indian Listener. It used to serve the listener as a broadsheet of broadcasting, and give listener the useful information in an interesting manner about programmes, who writes them, take part in them and produce them along with photographs of performing artists. It also contains the information of major changes in the policy and service of the organisation. The Indian

Listener (fortnightly programme journal of AIR in English) published by The Indian State Broadcasting Service, Bombay, started on 22 December, 1935 and was the successor to the Indian Radio Times in English, which was published beginning in July 16 of 1927. From 22 August, 1937 onwards, it used to be published by All India Radio, New Delhi. From 1950, it was turned into a weekly journal. Later, The Indian listener became "Akashvani" (English) w.e.f. January 5, 1958. It was made a fortnightly journal again w.e.f. July 1, 1983. NAME OF THE JOURNAL: AKASHVANI LANGUAGE OF THE JOURNAL: English DATE, MONTH & YEAR OF PUBLICATION: 14 JANUARY, 1979 PERIODICITY OF THE JOURNAL: Weekly NUMBER OF PAGES: 72 VOLUME NUMBER: Vol. XLIV, No.2 BROADCAST PROGRAMME SCHEDULE PUBLISHED (PAGE NOS): 5-30, 41-69 ARTICLE: 1. The New Economic Outlook 2. World's Debt to Indian Culture 3. Crime and Punishment 4. Ethical Teachings In Dhammapada 5. Lemon Grass Cultivation In

North-East Region 6. Lala Lajpat Rai 7. Towards A New Forest Policy AUTHOR: 1.P. Z. Bhatta 2. Kapila Vatsyayan 3. Justice Tek Chand 4. Dr. Angraj Choudhary 5. Dr. D .N. Bordoloi 6. Govinda Narain 7. T. V. Satyanarayanan Document ID : APE-1979 (J-M) Vol-I-02 Prasar Bharati Archives has the copyright in all matters published in this "AKASHVANI" and other AIR journals. For reproduction previous permission is essential. Pharmaceutical Biotechnology - Carlos A. Guzmán 2010-01-01 Pharmaceutical Biotechnology is a unique compilation of reviews addressing frontiers in biologicals as a rich source for innovative medicines. This book fulfills the needs of a broad community of scientists interested in biologicals from diverse perspectives—basic research, biotechnology, protein engineering, protein delivery, medicines, pharmaceuticals and vaccinology. The diverse topics range from advanced biotechnologies aimed to introduce novel, potent

engineered vaccines of unprecedented efficacy and safety for a wide scope of human diseases to natural products, small peptides and polypeptides engineered for discrete prophylaxis and therapeutic purposes. Modern biologicals promise to dramatically expand the scope of preventive medicine beyond the infectious disease arena into broad applications in immune and cancer treatment, as exemplified by anti-EGFR receptors antibodies for the treatment of breast cancer. The exponential growth in biologicals such as engineered proteins and vaccines has been boosted by unprecedented scientific breakthroughs made in the past decades culminating in an in-depth fundamental understanding of the scientific underpinnings of immune mechanisms together with knowledge of protein and peptide scaffolds that can be deliberately manipulated. This has in turn led to new strategies and processes. Deciphering the human, mammalian and numerous

pathogens' genomes provides opportunities that never before have been available—identification of discrete antigens (genomes and antigenomes) that lend themselves to considerably improved antigens and monoclonal antibodies, which with more sophisticated engineered adjuvants and agonists of pattern recognition receptors present in immune cells, deliver unprecedented safety and efficacy. Technological development such a nanobiotechnologies (dendrimers, nanobodies and fullerenes), biological particles (viral-like particles and bacterial ghosts) and innovative vectors (replication-competent attenuated, replication-incompetent recombinant and defective helper-dependent vectors) fulfill a broad range of cutting-edge research, drug discovery and delivery applications. Most recent examples of breakthrough biologicals include the human papilloma virus vaccine (HPV, prevention of women genital cancer) and the multivalent

Pneumococcal vaccines, which has virtually eradicated in some populations a most prevalent bacterial ear infection (i.e., otitis media). It is expected that in the years to come similar success will be obtained in the development of vaccines for diseases which still represent major threats for human health, such as AIDS, as well as for the generation of improved vaccines against diseases like pandemic flu for which vaccines are currently available. Furthermore, advances in comparative immunology and innate immunity revealed opportunities for innovative strategies for ever smaller biologicals and vaccines derived from species such as llama and sharks, which carry tremendous potential for innovative biologicals already in development stages in many pharmaceutical companies. Such recent discoveries and knowledge exploitations hold the promise for breakthrough biologicals, with the coming decade. Finally, this book caters to individuals not directly engaged in the pharmaceutical

drug discovery process via a chapter outlining discovery, preclinical development, clinical development and translational medicine issues that are critical the drug development process. The authors and editors hope that this compilation of reviews will help readers rapidly and completely update knowledge and understanding of the frontiers in pharmaceutical biotechnologies.

Fluid Therapy for the Surgical Patient - Christer H. Svensen 2018-03-22

Over the past decade, there have been a large number of important studies related to fluid management for the surgical patient, resulting in confusion on this critical aspect of patient care. Proper fluid therapy in the perioperative setting has always been important but has only recently had concrete outcome-based guidelines. This is the first comprehensive, up-to-date and practical summary book on the topic.

Biosynthesized Nanomaterials - 2021-07-07
CAC series highlights new

advances in the field. This Volume 94 presents interesting chapters on the recent advances in the role of nanoparticles in plant biotechnology. Each chapter is written by international experts in the respective fields.

Provides the authority and expertise of leading contributors from an international board of authors. Presents the latest release in the Comprehensive Analytical Chemistry series Updated release includes the latest information on Biosynthesized nanomaterials

Mahabharat - Raja Mangalvedhekar 2006-12

Green Composites - Sabu Thomas 2022-01-19

This book presents important developments in green chemistry, with a particular focus on composite materials chemistry. In recent years, natural polymers have generated much interest due to their unique morphology and physical properties. The book gives an introductory overview of green composites, and

discusses their emerging interdisciplinary applications in various contemporary fields.

The chapters, written by leading experts from industry and academia, cover different aspects of biodegradable green composites and natural polymers including their processing, manufacturing, properties, and applications. This book will be a valuable reference for beginners, researchers as well as industry professionals interested in biodegradable composites.

Handbook of Flotation Reagents: Chemistry, Theory and Practice - Srdjan M.

Bulatovic 2007-02-19

Handbook of Flotation

Reagents: Chemistry, Theory

and Practice is a condensed

form of the fundamental

knowledge of chemical

reagents commonly used in

flotation and is addressed to

the researchers and plant

metallurgists who employ these

reagents. Consisting of three

distinct parts: 1) provides

detailed description of the

chemistry used in mineral

processing industry; 2)

describes theoretical aspects of the action of flotation reagents
3) provides information on the use of reagents in over 100 operating plants treating Cu, Cu/Zn, Cu/Pb, Zn, Pb/Zn/Ag, Cu/Ni and Ni ores. * Looks at the theoretical aspects of flotation reagents * Examines the practical aspects of using chemical reagents in operating plants * Provides guidelines for researchers and engineers involved in process design and development

Nanobiotechnology: Emerging Trends in Microbial Synthesis of Nanomaterials and Their Applications - Sougata Ghosh
2022-01-17

Food Powders Properties and Characterization - Ertan Ermiş 2020-10-29

Food powders are an increasingly important aspect of processed food worldwide. Essential factors such as ease of storage and transport and usage convenience have greatly benefited the food industry and promise further advancements in processing techniques. Food powders can

be stored for a longer period of time than other food products, making them essential for food supply in many regions of the world. There have been numerous research works on food powders properties and characterization, but there has not been an updated comprehensive review in this field. Food Powders Properties and Characterization is designed as an essential reference for individuals in the food industry and academia seeking a singular source that covers most of the basic aspects of food powders. With chapters focusing on the general properties of food powders, characterization of particle and bulk properties, adhesion and surface properties, this text presents comprehensive and fully up to date coverage of this challenging and important field.

Preparation of Phytopharmaceuticals for the Management of Disorders - Chukwuebuka Egbuna
2020-11-03

Preparation of Phytopharmaceuticals for the

Management of Disorders: The Development of Nutraceuticals and Traditional Medicine presents comprehensive coverage and recent advances surrounding phytopharmaceuticals, nutraceuticals and traditional and alternative systems of medicines. Sections cover the concepts of phytopharmaceuticals, their history, and current highlights in phytomedicine. Also included are classifications of crude drugs, herbal remedies and toxicity, traditional and alternative systems of medicine, nanotechnology applications, and herbal cosmeticology. Final sections cover applications of microbiology and biotechnology in drug discovery. This book provides key information for everyone interested in drug discovery, including medicinal chemists, nutritionists, biochemists, toxicologists, drug developers and health care professionals. Students, professors and researchers working in the area of pharmaceutical sciences and

beyond will also find the book useful. Includes the history and current highlights in phytomedicine, along with classifications of crude drugs, herbal drug technologies and herbal cosmeticology Provides detailed information on herbal remedies and toxicity, traditional and alternative systems of medicine, and applications of microbiology and biotechnology in drug discovery Discusses the nutritional and health benefits of nutraceuticals and how they help in the management and treatment of metabolic diseases

A Textbook of Postpartum Hemorrhage - Christopher B-Lynch 2006

Postpartum hemorrhage is a major cause of maternal mortality - especially in the developing world. Estimates vary but it can confidently be stated that well over 250,000 women die as a result of the condition every year. Many of these deaths could be prevented by better and more appropriate treatment, delivered within a time-critical

framework. The objective of this book is to bring together within a single volume the most up to date information about the epidemiology, diagnosis and management of postpartum hemorrhage. Whilst much has been published on the subject a truly comprehensive synthesis of this kind has never before been attempted. This volume sets out, therefore, to provide physicians with an overall clinical perspective that has hitherto been unavailable. The volume is essentially practical in orientation addressing specific issues that confront any obstetrician responsible for the management of postpartum hemorrhage. In particular it features new surgical techniques that have been shown to be markedly successful and straight forward to apply, and which have clear advantages over emergency hysterectomy in many instances. Other important issues that are reviewed in detail include causation, prevention, therapy for atonic and non-atonic conditions, and

long term consequences
Written by an international team of specially invited experts, this book should meet a genuine need. In particular it is hoped it will contribute in a practical way to management of postpartum hemorrhage in developing countries where scarcity of resources may be compounded by a lack of clinically reliable information about the latest therapeutic advances

Universities Handbook - 1973

Pharmaceutical Quality Assurance - B.P. Nagori

2018-01-01

The present state-of-art book has been written as per the new syllabus of B. Pharmacy, introduced by Pharmacy Council of India (PCI). This book has an inclusive content that covers the wider aspects of pharmaceutical quality assurance required by undergraduates, post graduates, industry personnels, researcher, and students preparing for various competitive exams. The distinguishing feature of this

book is that the book is written in lucid, simple and easy to understand language. The book is accompanied with Multiple Choice, Fill in the Blank, True-False, Short Answer and Long Answer type of questions for the self- evaluation of learning. The answers of the Multiple Choice, Fill in the Blank and True-False questions have also been given. Web links/further

reading are included to help the readers for keeping themselves abreast with th latest developments in the h88eld of pharmaceutical quality assurance. Academicians and instructors in universities/colleges may use the book as primary or additional teaching material for under-graduate and post-graduate pharmacy courses.