
Bharathiar University Coimbatore M Sc Computer Science

Bioorganic Phase in Natural Food: An Overview
Enterprise Big Data Engineering, Analytics, and Management
Java Programming
Sugarcane Biotechnology: Challenges and Prospects
Commonwealth Universities Yearbook
India Higher Education Report 2018
Environmental Science, 2/e
Incorporating the Internet of Things in Healthcare Applications and Wearable Devices
Integrating the Internet of Things Into Software Engineering Practices
A Practical Guide
Ginger
Handbook of Research on Economic and Political Implications of Green Trading and Energy Use
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Improvement Strategies of Leguminosae Biotechnology
Green Building Management and Smart Automation
Lean Six Sigma for Small and Medium Sized Enterprises
Modeling Applications and Theoretical Innovations in Interdisciplinary Evolutionary Computation
Handbook of Research on Promoting Business Process Improvement Through Inventory Control Techniques
Methodologies and Applications in Regulatory Science
SEED QUALITY ENHANCEMENT : PRINCIPLES AND PRACTICES
Towards Next-Generation Diagnosis, Prognosis and Therapy
Nature-Inspired Algorithms for Big Data Frameworks
Modeling and Simulation Techniques in Structural Engineering
Noninvasive Molecular Markers in Gynecologic Cancers
Computational Vision and Bio Inspired Computing
Pesticides, Man and Biosphere
Handbook of Research on Advanced Applications of Graph Theory in Modern Society
Advances in Computational Toxicology
Multiple Career Choices
The Green Guide to Environmental Courses and Careers (Green Career)
ICCNCT 2018
Information and Communication Technologies
International Conference on Computer Networks and Communication Technologies
Design and Crosstalk Analysis in Carbon Nanotube Interconnects

ALIJAH DUKE

Bioorganic Phase in Natural Food: An Overview Shanlax Publications

The development of new and effective analytical and numerical models is essential to understanding the performance of a variety of structures. As computational methods continue to advance, so too do their applications in structural performance modeling and analysis. *Modeling and Simulation Techniques in Structural Engineering* presents emerging research on computational techniques and applications within the field of structural engineering. This timely publication features practical applications as well as new research insights and is ideally designed for use by engineers, IT professionals, researchers, and graduate-level students.

Enterprise Big Data Engineering, Analytics, and Management Springer

Breast cancer is the most common cancer in females that accounts for highest cancer specific deaths worldwide. In the last few decades research has proven that breast cancer can be treated if diagnosed at early stages and proper therapeutic strategy is adopted. Omics-based recent approaches have unveiled the molecular mechanism behind the breast tumorigenesis and aid in identification of next-generation molecular markers for early diagnosis, prognosis and even the effective targeted therapy. Significant development has taken place in the field of omics in breast cancer in the last decade. The most promising omics approaches and their outcomes in breast cancer have been presented in this book for the first time. The book covers omics technologies and budding fields such as breast cancer miRNA, lipidomics, epigenomics, proteomics, nutrigenomics, stem cell, pharmacogenomics and personalized medicine and many more along with conventional topics such as breast cancer management etc. It is a research-based reference book useful for clinician-scientists, researchers, geneticists and health care industries involved in various aspects of breast cancer. The book will also be useful for students of biomedicine, pathology and pharmacy.

Java Programming IGI Global

Choosing the right career is critical to success in one's life. Overload of information on Internet only serves to confuse an already confused mind. This book provides information about jobs and educational openings for 10+2, graduates and post graduates in technical, professional, science, commerce and arts faculty. Questionnaire helps the students to gauge his interests, abilities, aptitudes and opportunities to facilitate proper selection of job or study.

Sugarcane Biotechnology: Challenges and Prospects Springer Science & Business Media

In the last few decades, India has experienced several shifts in the policies pertaining to the financing of higher education. These shifts include a move from public financing to keep pace with the expansion requirements of the sector; the strengthening of market forces in higher education both through privatisation of public institutions and operation of private institutions; and a move from the financing of institutions to the financing of students. The Centre for Policy Research in Higher Education (CPRHE) has initiated major research activities to understand how the recent changes have affected the financing of higher education in India and how the higher education institutions cope with and respond to these changes. *India Higher Education Report 2018*, the fourth volume in the series, presents this study to provide a comprehensive analysis of financing of higher

education in India. This book investigates the changing dynamics and related key issues including state-market dynamics, university-industry linkages, foreign aid, institutional strategies to overcome shortages in funding, issues with self-financing courses, educational loans and fee reimbursement schemes, expansion and financing of private higher education.

Commonwealth Universities Yearbook CRC Press

Evolutionary computation has emerged as a major topic in the scientific community as many of its techniques have successfully been applied to solve problems in a wide variety of fields. *Modeling Applications and Theoretical Innovations in Interdisciplinary Evolutionary Computation* provides comprehensive research on emerging theories and its aspects on intelligent computation. Particularly focusing on breaking trends in evolutionary computing, algorithms, and programming, this publication serves to support professionals, government employees, policy and decision makers, as well as students in this scientific field.

IGI Global

This book provides a single-source reference on carbon nanotubes for interconnect applications. It presents the recent advances in modelling and challenges of carbon nanotube (CNT)-based VLSI interconnects. Starting with a background of carbon nanotubes and interconnects, this book details various aspects of CNT interconnect models, the design metrics of CNT interconnects, crosstalk analysis of recently proposed CNT interconnect structures, and geometries. Various topics covered include the use of semiconducting CNTs around metallic CNTs, CNT interconnects with air gaps, use of emerging ultra low-k materials and their integration with CNT interconnects, and geometry-based crosstalk reduction techniques. This book will be useful for researchers and design engineers working on carbon nanotubes for interconnects for both 2D and 3D integrated circuits.

India Higher Education Report 2018 IGI Global

The book features research papers presented at the International Conference on Computer Networks and Inventive Communication Technologies (ICCNCT 2018), offering significant contributions from researchers and practitioners in academia and industry. The topics covered include computer networks, network protocols and wireless networks, data communication technologies, and network security. Covering the main core and specialized issues in the areas of next-generation wireless network design, control, and management, as well as in the areas of protection, assurance, and trust in information security practices, these proceedings are a valuable resource, for researchers, instructors, students, scientists, engineers, managers, and industry practitioners.

Environmental Science, 2/e CRC Press

Legumes include many very important crop plants that contribute critical protein to the diets of many around the world. Many important forages and green manure crops are legumes. Legumes are also large contributors to the vegetable oil and animal feed protein sectors. One characteristic of legumes that could become even more important as world energy sources decline and nitrogen fertilizer prices increase is nitrogen fixation, something few other plants can do. Thus legumes have a unique and important niche in agriculture. While some of the small seeded forage legumes have been relatively easy to work with in tissue culture as far as culture initiation, plant regeneration and transformation are concerned, most large seeded legumes, like soybean, have been recalcitrant. Today, however, many laboratories are inserting genes into soybean and producing unique plants

for both commercial and scientific uses. These advancements have taken a large amount of research effort and still require time and labour.

Incorporating the Internet of Things in Healthcare Applications and Wearable Devices

Springer

The goal of traditional clustering is to assign each data point to one and only one cluster. In contrast, fuzzy clustering assigns different degrees of membership to each point. The membership of a point is thus shared among various clusters. This creates the concept of fuzzy boundaries which differs from the traditional concept of well-defined boundaries. In hard clustering, data is divided into distinct clusters, where each data element belongs to exactly one cluster. In fuzzy clustering (also referred to as soft clustering), data elements can belong to more than one cluster, and associated with each element is a set of membership levels. These indicate the strength of the association between that data element and a particular cluster. Fuzzy clustering is a process of assigning these membership levels, and then using them to assign data elements to one or more clusters. This algorithm uses the FCM traditional algorithm to locate the centers of clusters for a bulk of data points. The potential of all data points is being calculated with respect to specified centers. The availability of dividing the data set into large number of clusters will slow the processing time and needs more memory size for the program. Hence traditional clustering should device the data to four clusters and each data point should be located in one specified cluster. Imprecision in data and information gathered from and about our environment is either statistical (e.g., the outcome of a coin toss is a matter of chance) or no statistical (e.g., "apply the brakes pretty soon"). Many algorithms can be implemented to develop clustering of data sets. Fuzzy C-mean clustering (FCM) is efficient and common algorithm. We are tuning this algorithm to get a solution for the rest of data point which omitted because of its farness from all clusters. To develop a high performance algorithm that sort and group data set in variable number of clusters to use this data in control and managing of those clusters.

Integrating the Internet of Things Into Software Engineering Practices

APH Publishing
It is no secret that Lean Six Sigma (LSS) is not as popular with small and medium-sized enterprises (SMEs) as it is with larger ones. However, many SMEs are suppliers to larger entities who are pushing for superior quality and world-class process efficiencies from suppliers. Lean Six Sigma for Small and Medium Sized Enterprises: A Practical Guide provides a roadmap for the successful implementation and deployment of LSS in SMEs. It includes five real-world case studies that demonstrate how LSS tools have been successfully integrated into LSS methodology. Simplifying the terminology and methodology of LSS, this book makes the implementation process accessible. Supplies a general introduction to continuous improvement initiatives in SMEs Identifies the key phases in the introduction and development of LSS initiatives within an SME Details the most powerful LSS tools and techniques that can be used in an SME environment Provides tips on how to make the project selection process more successful This book covers the fundamental challenges and common pitfalls that can be avoided with successful introduction and deployment of LSS in the context of SMEs. Systematically guiding you through the application of the Six Sigma methodology for problem solving, the book devotes separate chapters to the most appropriate tools and techniques that can be useful in each stage of the methodology. Keeping the required math and

statistics to a minimum, this practical guide will help you to deploy LSS as your prime methodology for achieving and sustaining world-class efficiency and effectiveness of critical business processes.

A Practical Guide Springer

Ginger: The Genus Zingiber is the first comprehensive volume on ginger. Valued as a spice and medicinal plant from ancient times both in India and China, ginger is now used universally as a versatile spice and in traditional medicine as well as in modern medicine. This book covers all aspects of ginger, including botany, crop improvement, chemistry, biotechnology, production technology in the major producing countries, diseases, pests, and harvesting. It also explores processing, products, economics and marketing, pharmacology, medicinal applications, and uses as a spice and flavoring. Experts in the areas of genetic resources, botany, crop improvement, and biotechnology of ginger give an in-depth analysis of these key aspects, and each chapter concludes with an extensive bibliography.

Ginger Biju Mathew | Info Kerala Communications Pvt Ltd

The Most Authentic Source Of Information On Higher Education In India The Handbook Of Universities, Deemed Universities, Colleges, Private Universities And Prominent Educational & Research Institutions Provides Much Needed Information On Degree And Diploma Awarding Universities And Institutions Of National Importance That Impart General, Technical And Professional Education In India. Although Another Directory Of Similar Nature Is Available In The Market, The Distinct Feature Of The Present Handbook, That Makes It One Of Its Kind, Is That It Also Includes Entries And Details Of The Private Universities Functioning Across The Country. In This Handbook, The Universities Have Been Listed In An Alphabetical Order. This Facilitates Easy Location Of Their Names. In Addition To The Brief History Of These Universities, The Present Handbook Provides The Names Of Their Vice-Chancellor, Professors And Readers As Well As Their Faculties And Departments. It Also Acquaints The Readers With The Various Courses Of Studies Offered By Each University. It Is Hoped That The Handbook In Its Present Form, Will Prove Immensely Helpful To The Aspiring Students In Choosing The Best Educational Institution For Their Career Enhancement. In Addition, It Will Also Prove Very Useful For The Publishers In Mailing Their Publicity Materials. Even The Suppliers Of Equipment And Services Required By These Educational Institutions Will Find It Highly Valuable.

Handbook of Research on Economic and Political Implications of Green Trading and Energy Use IGI Global

The revised second edition of Environmental Science continues to focus on the essential constitution of the environment and conservation of precious natural resources for the benefit of first year BE/B Tech students. It examines the role of human beings in sustaining a robust environment for future generations.

Campus Plus 2013 IGI Global

This book provides an insight into ways of inculcating the need for applying mobile edge data analytics in bioinformatics and medicine. The book is a comprehensive reference that provides an overview of the current state of medical treatments and systems and offers emerging solutions for a more personalized approach to the healthcare field. Topics include deep learning methods for applications in object detection and identification, object tracking, human action recognition, and

cross-modal and multimodal data analysis. High performance computing systems for applications in healthcare are also discussed. The contributors also include information on microarray data analysis, sequence analysis, genomics based analytics, disease network analysis, and techniques for big data Analytics and health information technology.

Omics Approaches in Breast Cancer Springer

Stock management and control is a critical element to the success and overall financial well-being of an organization. Through the application of innovative practices and technology, businesses are now able to effectively monitor their operations and manage their inventory by evaluating sales patterns and customer preferences. The Handbook of Research on Promoting Business Process Improvement Through Inventory Control Techniques is a critical scholarly resource that examines optimization techniques, data mining concepts, and genetic algorithms to manage inventory control. Featuring coverage on a broad range of topics such as logistics and supply chain management, stochastic inventory modelling, and inventory management in healthcare, this book is geared towards academicians, practitioners, and researchers seeking various research methods to get optimal ordering policy.

The Encyclopedia of Neutrosophic Researchers, 3rd volume Incorporating the Internet of Things in Healthcare Applications and Wearable Devices

Older employees are often seen as an obstacle and not as an opportunity for companies, especially regarding the transfer of knowledge and experience. Effective development and utilization of older professional and managerial employees is an important issue as most organizations are not prepared to tailor their training methods to the needs and preferences of these employees due to negative stereotypes. Managing a rapidly aging workforce and sustaining economic dynamism calls for systematic research to prevent age discrimination due to an incomplete knowledge of older workers and politically challenging policy choices that require strong political commitments, robust management leadership, and social consensus. International Perspectives and Strategies for Managing an Aging Workforce examines the differences in stereotypes of older employees compared to younger employees in companies; analyzes the impact of the aging workforce on retention, productivity, and well-being; and investigates organizational systems, processes, and practices for managing older workers. Covering a range of topics such as retention and retirement, this reference work is ideal for researchers, academicians, practitioners, business owners, managers, human resource workers, instructors, and students.

Privacy and Security Challenges in Location Aware Computing IGI Global

This book is an introduction to Java programming for beginners. It is tailored for students preparing for the Computer Science, but it is for anyone who wants to learn Java. This is an easy-to-follow textbook that guides the beginning programmer step-by-step through the process of learning Java. This book helps you learn the language basics, AWT, Networking and some chapters on Servlet, JSP, plus covering some analysis. The main obstacle to learning object-oriented programming is the

volume of interdependent detail that needs to be learned before even the simplest program can be created. This text eliminates extraneous details early on and stresses object concepts that will provide a basis for students to become expert programmers. Classes, objects, and working programs are introduced at the outset, and programming is presented as extended problem solving, making it easier to understand. Advanced Java Programming is the perfect text for anyone new to Java who wants a comprehensive, easy-to-comprehend reference. The main aim of this book is to provide easy understanding of the concepts for the beginners. The topics covered in this book have been chosen keeping in view the fundamentals ideas required for the students of computer science. Examples have been given at appropriate places.

Handbook of Research on the Adverse Effects of Pesticide Pollution in Aquatic Ecosystems Springer Nature

This book provides a comprehensive review of both traditional and cutting-edge methodologies that are currently used in computational toxicology and specifically features its application in regulatory decision making. The authors from various government agencies such as FDA, NCATS and NIEHS industry, and academic institutes share their real-world experience and discuss most current practices in computational toxicology and potential applications in regulatory science. Among the topics covered are molecular modeling and molecular dynamics simulations, machine learning methods for toxicity analysis, network-based approaches for the assessment of drug toxicity and toxicogenomic analyses. Offering a valuable reference guide to computational toxicology and potential applications in regulatory science, this book will appeal to chemists, toxicologists, drug discovery and development researchers as well as to regulatory scientists, government reviewers and graduate students interested in this field.

Improvement Strategies of Leguminosae Biotechnology Pearson Education India

This book constitutes the proceedings of the International Conference on Information and Communication Technologies held in Kochi, Kerala, India in September 2010.

Green Building Management and Smart Automation Springer

The focus of this singular work is to discuss the role and importance of bioorganic phase in food products-providing the first major reference source for researchers looking to understand all aspects of the isolation, extraction and application of this major element in natural foods. From the identifying features to its applications through biotechnology and nanobiotechnology, this book covers all of the important aspects of bioorganic phase and points to future uses and methods. With chapters focusing on phase extraction and application, food product synthesis and nanoparticle application, Bioorganic Phase in Natural Food: An Overview covers both conventional and non-conventional approaches for the extraction of bioorganic phase from various food sources. Toxicity studies in nanoparticles are presented, and the vital role played by bioorganic phase toward nanoparticles synthesis is outlined in full. For any researcher looking for complete coverage of all main aspects of bioorganic phase in foods, this work provides a comprehensive and well-researched view of this important subject. .