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Respiratory Endoscopy - Takehiro Izumo 2016-11-08

This book provides a detailed overview of the latest innovations in respiratory endoscopy, from both diagnostic and therapeutic perspectives; each chapter focuses on one disease and the techniques for early diagnosis as well as treatment. It comprehensively covers treatment and procedures, including simultaneous X-ray fluoroscopy and its use during bronchoscopic procedures. This fast-developing technology is essential for the medical management of non-malignant and malignant diseases of the chest, especially lung cancer. Respiratory Endoscopy describes the cooperation between all the members of the healthcare team, and as such is a valuable resource not only for medical staff, but also for radiological technicians and nursing staff who contribute significantly in the care of the patients undergoing these invasive procedures. By promoting teamwork and providing practical know-how, it will improve the success and safety of respiratory endoscopy procedures.

Advanced Greenhouse Horticulture - Athanasios Koukounaras 2021-03-19

Greenhouse horticulture is one of the most intensive agricultural systems, focusing on the production of high-value products. This book presents current research findings that cover a wide range of new technologies and novel agricultural practices, which are preconditions for successful production in a very competitive global environment.

Fungal Infections in Immunocompromised Hosts - Dimitrios P. Kontoyiannis 2019-04-02

In this unique supplement, we have compiled several state-of-the-art topics that are based on lectures delivered by eminent mycology experts during the 37th ICHS meeting. We hope that the esteemed audience of the Journal of Fungi will enjoy and appreciate the ever-evolving and complex field of fungal infections in vulnerable hosts.

Natural Products Isolation - Satyajit D. Sarker 2006

Natural Products Isolation: Second Edition presents a practical overview of just how natural products can be extracted, prepared, and isolated from the source material. Maintaining the main theme and philosophy of the first edition, this second edition incorporates all the new significant developments in this field of research. The chapters are divided into four distinct sections: introduction, extraction, chromatography, and special topics. This second edition provides substantial background information for natural product researchers and will prove a useful reference guide to all of the available techniques.

Handbook of Vegetable Preservation and Processing - Y. H. Hui 2003-09-12

Representing the vanguard in the field with research from more than 35

international experts spanning governmental, industrial, and academic sectors, the Handbook of Vegetable Preservation and Processing compiles the latest science and technology in the processing and preservation of vegetables and vegetable products. This reference serves as the only guide to compile key tools used in the United States to safeguard and protect the quality of fresh and processed vegetables. A vast and contemporary source, it considers recent issues in vegetable processing safety such as modified atmosphere packaging, macroanalytical methods, and new technologies in microbial inactivation.

Climate Change Adaptation in the Water Sector - Fulco Ludwig 2012-05-04

Today's climate variability already has a large impact on water supply and protection. Millions of people are affected every year by droughts and floods. Future climate change is likely to make things worse. Many people within the water sector are aware that climate change is expected to have serious consequences for water resource management, but they are unsure how to incorporate climate information into their management structures. Providing a compendium of specific strategies, *Climate Change Adaptation in the Water Sector* is the first book to show students and professionals in the water sector how to adapt to climate change and variability. It enables advanced students, managers, decision-makers and other practitioners to feel comfortable in analysing and using climate data within the water sector. The book consists of two parts: the first describes the general issues and is written mainly by the editors of the book, while the second part contains specific case studies drawn from a wide range of contrasting countries: Australia, Germany, The Netherlands, the Philippines, South Africa, Thailand and Yemen. Published in association with the Co-operative Programme on Water and Climate, NeWater, UNESCO and WATCH (Water and Global Change)

Encyclopedia of Labels and Label Technology - Michael Fairley 2004-09

An Encyclopaedia for the label producer and label user sectors, this reference provides a comprehensive understanding of the latest terms and terminology for all kinds of label and product decoration solutions.

Textiles and Fashion - Rose Sinclair 2014-11-08

This major textbook is designed for students studying textiles and fashion at higher and undergraduate level, as well as those needing a comprehensive and authoritative overview of textile materials and processes. The first part of the book reviews the main types of natural and synthetic fibres and their properties. Part two provides a systematic review of the key processes involved first in converting fibres into yarns and then transforming yarns into fabrics. Part three discusses the range of finishing techniques for fabrics. The final part of the book looks specifically at the transformation of fabric into apparel, from

design and manufacture to marketing. With contributions from leading experts in their fields, this major book provides the definitive one-volume guide to textile manufacture. Provides comprehensive coverage of the types and properties of textile fibres to yarn and fabric manufacture, fabric finishing, apparel production and fashion Focused on the needs of college and undergraduate students studying textiles or fashion courses Each chapter ends with a summary to emphasise key points, a comprehensive self-review section, and project ideas are also provided

Prayer, Magic, and the Stars in the Ancient and Late Antique World - Scott Noegel 2010-11-01

In the religious systems of ancient Mesopotamia, Egypt, and the Mediterranean, gods and demigods were neither abstract nor distant, but communicated with mankind through signs and active intervention. Men and women were thus eager to interpret, appeal to, and even control the gods and their agents. In *Prayer, Magic, and the Stars in the Ancient and Late Antique World*, a distinguished array of scholars explores the many ways in which people in the ancient world sought to gain access to--or, in some cases, to bind or escape from--the divine powers of heaven and earth. Grounded in a variety of disciplines, including Assyriology, Classics, and early Islamic history, the fifteen essays in this volume cover a broad geographic area: Greece, Egypt, Syria-Palestine, Mesopotamia, and Persia. Topics include celestial divination in early Mesopotamia, the civic festivals of classical Athens, and Christian magical papyri from Coptic Egypt. Moving forward to Late Antiquity, we see how Judaism, Christianity, and Islam each incorporated many aspects of ancient Near Eastern and Graeco-Roman religion into their own prayers, rituals, and conceptions. Even if they no longer conceived of the sun, moon, and the stars as eternal or divine, Christians, Jews, and Muslims often continued to study the movements of the heavens as a map on which divine power could be read. The reader already familiar with studies of ancient religion will find in *Prayer, Magic, and the Stars* both old friends and new faces. Contributors include Gideon Bohak, Nicola Denzey, Jacco Dieleman, Radcliffe Edmonds, Marvin Meyer, Michael G. Morony, Ian Moyer, Francesca Rochberg, Jonathan Z. Smith, Mark S. Smith, Peter Struck, Michael Swartz, and Kasia Szpakowska. Published as part of Penn State's *Magic in History* series, *Prayer, Magic, and the Stars* appears at a time of renewed interest in divination and occult practices in the ancient world. It will interest a wide audience in the field of comparative religion as well as students of the ancient world and late antiquity.

Nanomaterials by Severe Plastic Deformation - Michael J. Zehetbauer 2006-03-06

These proceedings of the "Second International Conference on Nanomaterials by Severe Plastic Deformation" review the enormous scientific avalanche that has been developing in the field over recent years. A valuable resource for any scientist and engineer working in this emerging field of nanotechnology.

Broadband Planar Antennas - Zhi Ning Chen 2006-05-01

The increasing demand for wireless communications has revolutionised the lifestyle of today's society and one of the key components of wireless technology is antenna design. Broadband planar antennas are the newest generation of antennas boasting the attractive features required, such as broad operating bandwidth, low profile, light weight, low cost and ease of integration into arrays or Radio Frequency (RF) circuits, to make them ideal components of modern communications systems. Research into small and broadband antennas has been spurred by the rapid development of portable wireless communication devices such as cell phones, laptops and personal digital assistants. This all-encompassing volume, *Broadband Planar Antennas*:

Design and Applications, systematically describes the techniques for all planar antennas from microstrip patch antennas, suspended plate antennas and planar inverted-L/F antennas to planar dipole antennas. Also discussed are some of the most recent outcomes such as broadband antenna issues in promising ultra-wideband applications. Clearly describes the fundamentals of planar antennas and categorises them according to their radiation characteristics Introduces the advanced progress in broadband planar antennas for modern wireless communications Includes a wealth of case studies, design guidelines, figures and tables This text is essential reading for antenna, RF and microwave engineers and manufacturers within the telecommunications industry. Its highly accessible approach will also appeal to researchers, postgraduate students and academic lecturers.

Handbook of Value Addition Processes for Fabrics - B. Purushothama 2018-06-30

The purpose of this book is mainly to guide new entrants in the textile field who would like to supervise and manage the various processes involved. Chemicals and chemical reactions are not discussed however, as the process parameters and chemicals used vary and this needs to be decided by senior technical personnel. This book does however give general guidelines that are applicable for all and which can be used as a guide for training technical staff. It is not possible to list all the value addition processes practiced worldwide in one book, and hence, an attempt is made to collect details of some of the commonly practiced value addition processes, especially for apparel purposes. The functional treatments given for various technical textiles like medical textiles, protective textiles, industrial textiles, agrotech materials, geotextiles, and sport tech, etc are not covered in this book.

Handbook of Vegetables and Vegetable Processing - Muhammad Siddiq 2018-02-23

Handbook of Vegetables and Vegetable Processing, Second Edition is the most comprehensive guide on vegetable technology for processors, producers, and users of vegetables in food manufacturing. This complete handbook contains 42 chapters across two volumes, contributed by field experts from across the world. It provides contemporary information that brings together current knowledge and practices in the value-chain of vegetables from production through consumption. The book is unique in the sense that it includes coverage of production and postharvest technologies, innovative processing technologies, packaging, and quality management. *Handbook of Vegetables and Vegetable Processing*, Second Edition covers recent developments in the areas of vegetable breeding and production, postharvest physiology and storage, packaging and shelf life extension, and traditional and novel processing technologies (high-pressure processing, pulse-electric field, membrane separation, and ohmic heating). It also offers in-depth coverage of processing, packaging, and the nutritional quality of vegetables as well as information on a broader spectrum of vegetable production and processing science and technology. Coverage includes biology and classification, physiology, biochemistry, flavor and sensory properties, microbial safety and HACCP principles, nutrient and bioactive properties In-depth descriptions of key processes including, minimal processing, freezing, pasteurization and aseptic processing, fermentation, drying, packaging, and application of new technologies Entire chapters devoted to important aspects of over 20 major commercial vegetables including avocado, table olives, and textured vegetable proteins This important book will appeal to anyone studying or involved in food technology, food science, food packaging, applied nutrition, biosystems and agricultural engineering, biotechnology, horticulture, food biochemistry, plant biology, and postharvest physiology.

Journal of Energy Resources Technology - 1985

Space Antenna Handbook - William A. Imbriale 2012-05-02

This book addresses a broad range of topics on antennas for space applications. First, it introduces the fundamental methodologies of space antenna design, modelling and analysis as well as the state-of-the-art and anticipated future technological developments. Each of the topics discussed are specialized and contextualized to the space sector. Furthermore, case studies are also provided to demonstrate the design and implementation of antennas in actual applications. Second, the authors present a detailed review of antenna designs for some popular applications such as satellite communications, space-borne synthetic aperture radar (SAR), Global Navigation Satellite Systems (GNSS) receivers, science instruments, radio astronomy, small satellites, and deep-space applications. Finally it presents the reader with a comprehensive path from space antenna development basics to specific individual applications. Key Features: Presents a detailed review of antenna designs for applications such as satellite communications, space-borne SAR, GNSS receivers, science instruments, small satellites, radio astronomy, deep-space applications Addresses the space antenna development from different angles, including electromagnetic, thermal and mechanical design strategies required for space qualification Includes numerous case studies to demonstrate how to design and implement antennas in practical scenarios Offers both an introduction for students in the field and an in-depth reference for antenna engineers who develop space antennas This book serves as an excellent reference for researchers, professionals and graduate students in the fields of antennas and propagation, electromagnetics, RF/microwave/millimetrewave systems, satellite communications, radars, satellite remote sensing, satellite navigation and spacecraft system engineering, It also aids engineers technical managers and professionals working on antenna and RF designs. Marketing and business people in satellites, wireless, and electronics area who want to acquire a basic understanding of the technology will also find this book of interest.

Japanese Technical Abstracts - 1986

Who's Who in Science and Engineering 2008-2009 - Who's Who Marquis 2007-12

Trease and Evans' Pharmacognosy - William Charles Evans 2009-05-27

This encyclopedic reference work on pharmacognosy covers the study of those natural substances, principally plants, that find a use in medicine. Its popularity and longevity stem from the book's balance between classical (crude and powdered drugs' characterization and examination) and modern (phytochemistry and pharmacology) aspects of this branch of science, as well as the editor's recognition in recent years of the growing importance of complementary medicines, including herbal, homeopathic and aromatherapy. No other book provides such a wealth of detail. A reservoir of knowledge in a field where there is a resurgence of interest - plants as a source of drugs are of growing interest both in complementary medicine fields and in the pharmaceutical industry in their search for new 'lead compounds'. Dr Evans has been associated with the book for over 20 years and is a recognised authority in all parts of the world where pharmacognosy is studied, his knowledge and grasp of the subject matter is unique. Meticulously referenced and kept up to date by the editor, new contributors brought in to cover new areas. New chapter on 'Neuroceuticals'. Addition of many new compounds recently added to British Pharmacopoeia as a result of European harmonisation.

Considers development in legal control and standardisation of plant materials previously regarded as 'herbal medicines'. More on the study of safety and efficacy of Chinese and Asian drugs. Quality control issues updated in line with latest guidelines (BP 2007).

Rickham's Neonatal Surgery - Paul D. Losty 2018-05-07

This book provides a detailed guide to neonatal surgery and its related disciplines including: fetal medicine, fetal surgery, radiology, newborn anaesthesia, intensive care, neonatal medicine, medical genetics, pathology, cardiac surgery, and urology. The book aims to cover all the latest advances in newborn surgery, with contributions from the basic sciences and laboratory research to reflect the steady progress in our current working knowledge and understanding of many neonatal surgical disorders. As huge advances have been made in neonatal surgery in the past decades, ethical issues, long term outcomes, and quality of life are also emphasised. This book is an authoritative reference for surgical residents in training, consultant surgeons, general surgeons with an interest in paediatric surgery, neonatologists, paediatricians, intensive care specialists, and nursing staff.

Dempa Digest - 1986

Illinois Services Directory - 2010

Wohlers Report 2021 - Terry T. Wohlers 2021

Pulses - L. J. G. van der Maesen 1989

Rising Above the Gathering Storm - Institute of Medicine 2007-03-08

In a world where advanced knowledge is widespread and low-cost labor is readily available, U.S. advantages in the marketplace and in science and technology have begun to erode. A comprehensive and coordinated federal effort is urgently needed to bolster U.S. competitiveness and pre-eminence in these areas. This congressionally requested report by a pre-eminent committee makes four recommendations along with 20 implementation actions that federal policy-makers should take to create high-quality jobs and focus new science and technology efforts on meeting the nation's needs, especially in the area of clean, affordable energy: 1) Increase America's talent pool by vastly improving K-12 mathematics and science education; 2) Sustain and strengthen the nation's commitment to long-term basic research; 3) Develop, recruit, and retain top students, scientists, and engineers from both the U.S. and abroad; and 4) Ensure that the United States is the premier place in the world for innovation. Some actions will involve changing existing laws, while others will require financial support that would come from reallocating existing budgets or increasing them. Rising Above the Gathering Storm will be of great interest to federal and state government agencies, educators and schools, public decision makers, research sponsors, regulatory analysts, and scholars.

Shrink Sleeve Technology - Michael Fairley 2017-09

Technological advances have vastly expanded the market for shrink sleeve labels. Today, full body decoration, 360-degree branding, the potential to decorate complex and intricate shapes, the ability to add tamper evidence, abrasion resistance and waterproof printed images are all possible due to constantly developing technology. With this increase in applications, shrink sleeve label popularity is growing fast, but advancement comes at a cost and the complexities

involved in the production of these labels are also on the rise. Shrink sleeve label printing uses a variety of different films, with different degrees of shrink capability. Converters need knowledge of each of these films, along with the image distortion processes, and the shrinkability and performance requirements of inks. They must also understand the demands of the seaming process and how printed sleeves perform during shrinkage. This book can improve your shrink sleeve production by guiding you through the film, ink, printing and processing stages. Use the detailed information to improve quality, prevent errors and correct potential faults. Ultimately, you can increase the options offered to your clients and grow your business. Chapters include: An introduction to sleeves and sleeve technology Shrink sleeve substrates and their usage Design and origination for sleeve labels Printing technologies and inks for shrink sleeve decoration Converting heat shrink sleeve labels - slitting, seaming, sheeting 50 and finishing Shrink sleeving - using the right application and shrink tunnel technology Challenges, learnings and the quest for perfection

Single Cell Metabolism - Bindesh Shrestha 2019-09-30

This volume explores the latest techniques and workflow for the analysis of single cells metabolism. The chapters in this book cover topics such as the development of mass spectrometry-based single cell approaches, Pico-ESI-MS for single-cell metabolomics analysis; laser capture microdissection; ambient single cell metabolite profile (DESI and LAESI); and MALDI-MS methodology, quantum dots for quantitative cytology to study metabolic heterogeneity of single cells. Written in the highly successful Methods in Molecular Biology series format, the chapters consist of introductions to the topic, lists of the necessary materials and reagents, step-by-step guidelines, readily reproducible laboratory protocols, and tips on troubleshooting and avoiding known pitfalls. Comprehensive and authoritative, Single Cell Metabolism: Methods and Protocols is a valuable resource for any researcher and scientist interested in learning more about this field.

1063-2001 IEEE Standard for Software User Documentation -

Innovation on Education and Social Sciences - Taylor & Francis Group 2022-02-16

After a year of a global Covid-19 pandemic, still, we have more questions than answers to the future of education and our social life. It is more important than ever to follow the developments closely in the coming period, pay attention to critical concerns such as inequality, as well as positive signs of transformation and innovation in all aspects of the world of teaching and learning. Expectations on what the future brings will have to be based on solid research rather than short-term perceptions. The proceedings of IJCAH 2021 are an interdisciplinary platform for teachers, researchers, practitioners, and academicians to discuss the latest research findings, concerns, and practical challenges encountered and solutions adopted in the fields of Arts and Humanities. The subject areas within the proceeding are education, language learning, arts, culture, social sciences.

Digital Printing of Textiles - H Ujiie 2006-04-28

At present the textile industry produces the majority of its 34 billion square yards of printed textile fabric by screen printing. However as we move into the digital age developments in digital printing of paper are being adapted more and more for the textile market. Inkjet textile printing is growing while growth in analog textile printing remains stagnant. As digital print technologies improve offering faster production and larger cost-effective print runs, digital printing will grow to become the technology that provides the majority of the world's

printed textiles. This comprehensive introduction to the subject is broken into five sections. After two introductory chapters, it goes on to look in a number of detailed chapters at printer and print head technologies. The next section examines the printer software required for successful colour design and management. The digital printing colouration process is explored next, with chapters on substrate preparation, pigmented ink, aqueous inkjet ink, pre-treatment and printing on cationized cotton with reactive inks. The book is concluded with three chapters on the design and business aspect of digital printing. Digital printing of textiles contains fundamental technical explanations along with recent research, and is an invaluable guide for product developers, retailers, designers and academic researchers. Provides coverage of all the current developments in digital textile printing Covers important areas such as printer and print head technologies, printer software, digital printing colouration and design and business for digital printing

Frequency Independent Antennas - Victor H. Rumsey 2014-06-28

Frequency Independent Antennas provides a reasonably complete coverage of frequency independent antennas from its inception until the middle of 1965. Most of the contents have not previously been published, except in scattered journal articles, and some are original. The first six chapters are written at a fairly easy level—about the level of a beginning graduate student or the more advanced undergraduate. The last two chapters, which deal with solutions of Maxwell's equations, are at a somewhat higher level. The book opens with a discussion of some fundamental ideas about antennas. It shows how typical measurements can be understood in terms of classical electromagnetic theory: in other words, how to make sense of measured data, how to set up apparatus to get meaningful data, and how to test their significance. Separate chapters follow on the features of frequency independent, plane-sheet, spiral, and log-periodic antennas. Subsequent chapters discuss how the periodic structure theory provides a way of understanding the peculiarities of frequency independent antennas; and solutions of Maxwell's equations for idealized spiral and idealized sinusoidal structures.

The Innovation Paradox - Xavier Cirera 2017-10-02

Since Schumpeter, economists have argued that vast productivity gains can be achieved by investing in innovation and technological catch-up. Yet, as this volume documents, developing country firms and governments invest little to realize this potential, which dwarfs international aid flows. Using new data and original analytics, the authors uncover the key to this innovation paradox in the lack of complementary physical and human capital factors, particularly firm managerial capabilities, that are needed to reap the returns to innovation investments. Hence, countries need to rebalance policy away from R and D-centered initiatives †“ which are likely to fail in the absence of sophisticated private sector partners †“ toward building firm capabilities, and embrace an expanded concept of the National Innovation System that incorporates a broader range of market and systemic failures. The authors offer guidance on how to navigate the resulting innovation policy dilemma: as the need to redress these additional failures increases with distance from the frontier, government capabilities to formulate and implement the policy mix become weaker. This book is the first volume of the World Bank Productivity Project, which seeks to bring frontier thinking on the measurement and determinants of productivity to global policy makers.

The Soils of Japan - Ryusuke Hatano 2021-02-18

This book provides an overview of the distribution, properties, and function of

soils in Japan. First, it offers general descriptions of the country's climate, geology, geomorphology, and land use, the history of the Japanese soil classification system and characteristics and genesis of major soil types follow. For each region – a geographic/administrative region of the country – there is a chapter with details of current land use as well as properties and management challenges of major soils. Maps of soil distribution, pedon descriptions, profile images, and tables of properties are included throughout the text and appendices.

Applied Sciences in Graphic Communication and Packaging - Pengfei Zhao 2018-01-15
This book includes a selection of reviewed papers presented at the 49th Conference of the International Circle of Educational Institutes for Graphic Arts Technology and Management & 8th China Academic Conference on Printing and Packaging, which was held on May 14-16, 2017 in Beijing, China. The conference was jointly organized by the Beijing Institute of Graphic Communication, China Academy of Printing Technology, and International Circle of Educational Institutes for Graphic Arts Technology and Management. With eight keynote talks and 200 presented papers on graphic communication and packaging technologies, the event attracted more than 400 scientists. The proceedings cover the latest advances in color science and technology; image processing technology; digital media technology; digital process management technology in packaging; packaging, etc., and will be of interest to university researchers, R&D engineers and graduate students in the graphic arts, packaging, color science, image science, material science, computer science, digital media and network technology.

The Australian Official Journal of Trademarks - 1907

Impact-echo - Mary Sansalone 1997

Revit MEP Step by Step 2020 Imperial Edition - Lu-Yen Chang

What's New? In 2020 version author add a Tag Circuits unit to demonstrate how to use combined annotation tags with panel name and circuit number to tag electrical circuits. ----- The purpose of this book is to provide efficient materials for those who want to learn the software of Autodesk Revit, especially for those who are interesting in building MEP systems. This book is ideal for school students and instructors. It also helps MEP professionals who want to add this software tool to enhance their works. As the title "Step by Step" of this book implies, readers will exercise the software from the beginning to the end of the modeling. That's how you get the whole picture of the entire story and learn the software. This book covers five major disciplines of MEP systems: • Mechanical • Hydronic Piping • Electrical • Plumbing • Fire Protection Besides the modeling of 3D Duct Works, Conduits and Piping, it also covers Energy Analysis, Lighting Calculation, Schedule Creations and many MEP related Properties. The last two are really the heart of Building Information. Author also included a bonus chapter of Architectural Modeling that will give reader extra background and experience of the software. I wrote this book in two versions: Imperial and Metric. Reader can choose the one to suit his/her need. With 1000+ steps, 1000+ figures, 60+ exercise files (download from author's Google Drive) to guide you to complete the entire modeling of a building, there is no reason you cannot succeed Autodesk Revit MEP.

Daido Moriyama - Daidō Moriyama 2013

A new title in this accessible and affordable photography series

Towards an Entrepreneurial Culture for the Twenty-first Century - International Labour Office 2006

In line with the World Declaration on Education for All and the Millennium Goal of halving poverty in the world by the year 2015, education is expected to serve not only the acquisition of academic knowledge but also the preparation of young people for life and work. Secondary education has to meet the challenge of providing skills for successfully dealing with economies and work patterns in transition and changing cultural values. Education that makes young people entrepreneurial in a broad sense would be part of this solution. This volume draws on various experiences in entrepreneurial education around the world. It aims to provoke discussion on such questions as: How can we harness the imagination and entrepreneurial talents of secondary students as assets for development? How should these talents be channelled? What are the contents, subjects, topics that support the entrepreneurial process? What is the best institutional framework for entrepreneurship education? What kind of teacher is needed? How do we systematically measure the performance of entrepreneurship education and training?

Trauma Induced Coagulopathy - Hunter B. Moore 2020-10-12

The first edition of this publication was aimed at defining the current concepts of trauma induced coagulopathy by critically analyzing the most up-to-date studies from a clinical and basic science perspective. It served as a reference source for any clinician interested in reviewing the pathophysiology, diagnosis, and management of the coagulopathic trauma patient, and the data that supports it. By meticulously describing the methodology of most traditional as well as state of the art coagulation assays the reader is provided with a full understanding of the tests that are used to study trauma induced coagulopathy. With the growing interest in understanding and managing coagulation in trauma, this second edition has been expanded to 46 chapters from its original 35 to incorporate the massive global efforts in understanding, diagnosing, and treating trauma induced coagulopathy. The evolving use of blood products as well as recently introduced hemostatic medications is reviewed in detail. The text provides therapeutic strategies to treat specific coagulation abnormalities following severe injury, which goes beyond the first edition that largely was based on describing the mechanisms causing coagulation abnormalities. Trauma Induced Coagulopathy 2nd Edition is a valuable reference to clinicians that are faced with specific clinical challenges when managing coagulopathy.

Coastal Sediments 2019 - Proceedings Of The 9th International Conference - Ping Wang 2019-05-17

This Proceedings contains over 260 papers on cutting-edge research presented at the 9th International Conference on Coastal Sediments 2019 (CS19), held in Tampa/St. Petersburg, Florida, USA from May 27-31, 2019. This technical specialty conference is devoted to promoting an interdisciplinary exchange of state-of-the-art knowledge among researchers in the fields of coastal engineering, geology, oceanography, and related disciplines. With the theme of 'Advancing Science & Engineering for Resilient Coastal Systems', this Proceedings covers a wide range of research topics on coastal sediment processes from nearshore sediment transport and modelling to beach processes, shore protection, and coastal management.