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Vitreous Springer

This richly illustrated revised second edition provides a comprehensive survey of the growing role of medical imaging studies in the detection, staging, grading, tissue characterization, and post-treatment follow-up of soft tissue tumors. For each tumor group, imaging findings are correlated with clinical, epidemiologic, and histologic data. The relative merits and indications of various imaging modalities are discussed and compared. Particular emphasis is placed on MRI. The updated edition includes new chapters on soft tissue lymphoma, soft tissue tumors in the pediatric patient and biopsy of soft tissue tumors. It aims to serve both as a systematic, descriptive textbook and as a rich pictorial database of soft tissue masses.

Imaging of Soft Tissue Tumors John Wiley & Sons

UNMANNED AIRCRAF T SYSTEMS UNMANNED AIRCRAF T SYSTEMS An unmanned aircraft system (UAS), sometimes called a drone, is an aircraft without a human pilot on board ??? instead, the UAS can be controlled by an operator station on the ground or may be autonomous in operation. UAS are capable of addressing a broad range of applications in diverse, complex environments. Traditionally employed in mainly military applications, recent regulatory changes around the world are leading to an explosion of interest and wide-ranging new applications for UAS in civil airspace. Covering the design, development, operation, and mission profiles of unmanned aircraft systems, this single, comprehensive volume forms a complete, stand-alone reference on the topic. The volume integrates with the online Wiley Encyclopedia of Aerospace Engineering, providing many new and updated articles for existing subscribers to that work. The chapters cover the following items: Airframe configurations and design (launch systems, power generation, propulsion) Operations (missions, integration issues, and airspace access) Coordination (multivehicle cooperation and human oversight) With contributions from leading experts, this volume is intended to be a valuable addition, and a useful resource, for aerospace manufacturers and suppliers, governmental and industrial aerospace research establishments, airline and aviation industries, university engineering and science departments, and industry analysts, consultants, and researchers.

Toxicological Profile for Synthetic Vitreous Fibers Routledge

"This publication represents the views and expert opinions of an IARC working group on the evaluation of carcinogenic risks to humans, which met in Lyon, 9-16 October 2001."

Obesity Epidemiology United Nations

This volume presents a collection of reviews derived from work presented at the Aegean Conference: “ 4th Crossroads between innate and adaptive immunity ” . This meeting was the fourth in a series, and assembled a team of scientists working on mechanisms by which the innate immune system of the host senses pathogens, the cellular and signaling networks that orchestrate the innate response and antigen presentation and adaptive immunity. The importance of the crosstalk between innate immunity and the adaptive immune response has only recently started to be appreciated. Although it is well recognized that dendritic cells, NK cells, NK-T cells and T cells are all critical for the host response to pathogens, the respective fields that study the biology of these immune cells tend to exist in parallel worlds with minimum exchange of information and ideas. This fragmentation hinders the integration of these fields towards a unified theory of host response. The Aegean Conference “ Crossroads between Innate and Adaptive Immunity ” brought together leading international scientists and experts to address critical areas of Innate and Adaptive immunity something necessary for the development of more efficient scientific exchange and crosspollination between these fields. This conference attracted scientists from all over the world to discuss their latest findings on the various aspects of Innate and Adaptive immunity. The conference had limited participation and a scientific and social program that maximized scientific interchange through lecture presentations, poster sessions and informal discussions.

Drug Abuse Handbook, Second Edition Oxford University Press

Get the straight facts about vaccines and make informed choices Do you wonder whether vaccines are safe and whether they are all really necessary? This completely revised and updated edition of the classic Vaccines: What You Should Know helps you sort through the latest information about vaccines in order to determine what is right for your family. Coauthored by Paul Offit, a member of the CDC advisory committee that determines which vaccines are recommended for use in the United States, this guide tells you what vaccines are made of and clearly explains how they are made, how they work, and the risks associated with them. This updated edition includes recommendations for the smallpox vaccine, the latest information on vaccines for travelers, and the latest on the progress of combination vaccines. Expanded information on vaccine safety includes discussion of vaccines and autism, mercury in vaccines, and the ability of children to tolerate numerous vaccines at once.

Surgical Treatment of Colorectal Problems in Children Arcadia Publishing

By systematically analyzing Dante's attitudes toward the poets who appear throughout his texts, Teodolinda Barolini examines his beliefs about the limits and purposes of textuality and, most crucially, the relationship of textuality to truth. Originally published in 1984. The Princeton Legacy Library uses the latest print-on-demand technology to again make available previously out-of-print books from the distinguished backlist of Princeton University Press. These editions preserve the original texts of these important books while presenting them in durable paperback and hardcover editions. The goal of the Princeton Legacy Library is to vastly increase access to the rich scholarly heritage found in the thousands of books published by Princeton University Press since its founding in 1905. Handbook of Research on Military, Aeronautical, and Maritime Logistics and Operations World Scientific Performance analysis techniques help coaches, athletes and sport science support officers to develop a better understanding of sport performance and therefore to devise more effective methods for improving that performance. Performance Analysis of Sport IX is the latest in a series of volumes that showcase the very latest scientific research into performance analysis, helping to bridge the gap between theory and practice in sport. Drawing on data from a wide variety of sports, the book covers every key topic and sub-discipline in performance analysis, including: analysis of technique technical effectiveness tactical evaluation studying patterns of play motor learning and feedback work rate and physical demands performance analysis technology analysis of elite athletes and teams effectiveness of performance analysis support observational analysis of injury risk analysis of referees Effective performance analysis is now an essential component of the high performance strategy of any elite sport team or individual athlete. This book is therefore essential reading for any advanced student or researcher working in performance analysis, and invaluable reading for any sport science support officer, coach or athletic trainer looking for ways to improve their work with athletes

Artists' Books Springer

The International Symposium on Distributed Computing and Artificial Intelligence is an annual forum that brings together ideas, projects, lessons, etc. associated with distr- uted computing, artificial intelligence and its applications in different themes. This meeting has been held at the University of Salamanca from the 22th to the 24th of October 2008. This symposium has be organized by the Biomedicine, Intelligent S- tem and Educational Technology Research Group (http://bisite. usal. es/) of the Univ- sity of Salamanca. The technology transfer in this field is still a challenge and for that reason this type of contributions has been specially considered in this edition. This c- ference is the forum in which to present application of innovative techniques to complex problems. The artificial intelligence is changing our society. Its application in distr- uted environments, such as the Internet, electronic commerce, mobile communications, wireless devices, distributed computing, and so on is increasing and is becoming an element of high added value and economic potential, both industrial and research. These technologies are changing constantly as a result of the large research and technical effort being undertaken in both universities and businesses. The exchange of ideas between scientists and technicians from both academic and business areas is essential to facilitate the development of systems that meet the demands of today's society.

The Colorado Plateau Springer

This clinical handbook is designed to aid with the fast and accurate diagnosis of cardiopulmonary disease. Chapters are structured to support the clinical decision-making process and cover key points such as differential diagnosis, typical and atypical presentation, co-morbidities, and critical steps that should not be missed. The text also outlines time-dependent interventions, overall principles of treatment, and disease course. Abundant images and links to external audio and video resources reinforce understanding. Although the chapters are organized to provide ready access to essential information, the scope of the book is comprehensive and addresses topics including acute coronary syndrome, heart failure, pulmonary embolism, primary and secondary lung diseases, and relevant upper gastrointestinal and neuromuscular diseases. Both adult and pediatric considerations are presented. The book is intended for diagnosticians in emergency medicine, critical care, inte rnal medicine, primary care, and related fields. Medical students, residents, and other medical professionals will appreciate the concise and clear approach.

The Unfolded Protein Response in Cancer National Academies Press

A comprehensive overview of the 5G landscape covering technology options, most likely use cases and potential system architectures. Kogan Page Publishers

Immunization Safety ReviewNational Academies Press

Toxicological Profile for Asbestos (Update) World Health Organization

Essays discuss the ways contemporary artists are using and redefining the book format and examine specific works

Immunization Safety Review National Academies Press

This four-volume handbook covers important concepts and tools used in the fields of financial econometrics, mathematics, statistics, and machine learning. Econometric methods have been applied in asset pricing, corporate finance, international finance, options and futures, risk management, and in stress testing for financial institutions. This handbook discusses a variety of econometric methods, including single equation multiple regression, simultaneous equation regression, and panel data analysis, among others. It also covers statistical distributions, such as the binomial and log normal distributions, in light of their applications to portfolio theory and asset management in addition to their use in research regarding options and futures contracts.In both theory and methodology, we need to rely upon mathematics, which includes linear algebra, geometry, differential equations, Stochastic differential equation (Ito calculus), optimization, constrained optimization, and others. These forms of mathematics have been used to derive capital market line, security market line (capital asset pricing model), option pricing model, portfolio analysis, and others.In recent times, an increased importance has been given to computer technology in financial research. Different computer languages and programming techniques are important tools for empirical research in finance. Hence, simulation, machine learning, big data, and financial payments are explored in this handbook.Led by Distinguished Professor Cheng Few Lee from Rutgers University, this multi-volume work integrates theoretical, methodological, and practical issues based on his years of academic and industry experience. Frontiers of High Performance Computing and Networking - ISPA 2007 Workshops Springer Nature

A step-by-step resource for treating more than 40 prevalent issues with proven strategies This comprehensive handbook for evidence-based mental health and learning interventions with children and adolescents is distinguished by its explicit yet concise guidance on implementation in practice. With a compendium of proven strategies for resolving more than 40 of the most pressing and prevalent issues facing young people, the book provides immediate guidance and uniform step-by-step instructions for resolving issues ranging from psychopathological disorders to academic problems. Busy academics, practitioners, and trainees in schools and outpatient clinical settings will find this resource to be an invaluable desktop reference for facilitating well-informed decision-making. Unlike other volumes that ignore or merely reference the evidence base of various interventions, this book focuses on providing immediate, empirically supported guidance for putting these strategies into direct practice. Issues covered include crisis interventions and response, social and emotional issues, academic/learning issues, psychopathological disorders, neuropsychological disorders, and the behavioral management of childhood health issues. Each chapter follows a consistent format including a brief description of the problem and associated characteristics, etiology and contributing factors, and three evidence-based, step-by-step sets of instructions for implementation. Additionally, each chapter provides several websites offering further information about the topic. Featuring contributions from leading scholars and practitioners on each issue covered, this book will be a valuable resource for child clinical and school psychologists, counselors, social workers, and therapists as well as other health and mental health professionals whose primary practice is with children and adolescents. Key Features: Demonstrates step-by-step, evidence-based interventions for more than 40 common childhood issues Provides treatment procedures that can be immediately put into practice Covers a wide range of mental health and academic/learning issues for children and adolescents Relevance for both school-based and clinically-based practice Includes contributions by noted experts in the field

Medicinal and Aromatic Plants John Wiley & Sons

In this report, the Immunization Safety Review committee examines the hypothesis of whether or not the use of vaccines containing the preservative thimerosal can cause neurodevelopmental disorders (NDDs), specifically autism, attention deficit/hyperactivity disorder (ADHD), and speech or language delay.

Maritime Logistics CRC Press

Before the concept of history began, humans undoubtedly acquired life benefits by discovering medicinal and aromatic plants (MAPs) that were food and medicine. Today, a variety of available herbs and spices are used and enjoyed throughout the world and continue to promote good health. The international market is also quite welcoming for MAPs and essential oils. The increasing environment and nature conscious buyers encourage producers to produce high quality essential oils. These consumer choices lead to growing preference for organic and herbal based products in the world market. As the benefits of medicinal and aromatic plants are recognized, these plants will have a special role for humans in the future. Until last century, the production of botanicals relies to a large degree on wild-collection. However, the increasing commercial collection, largely unmonitored trade, and habitat loss lead to an incomparably growing pressure on plant populations in the wild. Therefore, medicinal and aromatic plants are of high priority for conservation. Given the above, we bring forth a comprehensive volume, “ Medicinal and Aromatic Plants: Healthcare and Industrial Applications ” , highlighting the various healthcare, industrial and pharmaceutical applications that are being used on these immensely important MAPs and its future prospects. This collection of chapters from the different areas dealing with MAPs caters to the need of all those who are working or have interest in the above topic.

Single Event Effects in Aerospace DIANE Publishing

By two years of age, healthy infants in the United States can receive up to 20 vaccinations to protect against 11 diseases. Although most people know that vaccines effectively protect against serious infectious diseases, approximately one-quarter of parents in a recent survey believe that infants get more vaccines than are good for them, and that too many immunizations could overwhelm an infant's immune system. The Immunization Safety Review Committee reviewed the evidence regarding the hypothesis that multiple immunizations increase the risk for immune dysfunction. Specifically, the committee looked at evidence of potential biological mechanisms and at epidemiological evidence for or against causality related to risk for infections, the autoimmune disease type 1 diabetes, and allergic disorders.

Handbook Of Financial Econometrics, Mathematics, Statistics, And Machine Learning (In 4 Volumes) University of Arizona Press Stretching from the four corners of Arizona, New Mexico, Colorado, and Utah, the Colorado Plateau is a natural laboratory for a wide range of studies. This volume presents 23 original articles drawn from more than 100 research projects presented at the Sixth Biennial Conference of Research on the Colorado Plateau. This scientific gathering revolved around research, inventory, and monitoring of lands in the region. The book's contents cover management techniques for cultural, biological, and physical resources, representing collaborative efforts among federal, university, and private sector scientists and land managers. Chapters on cultural

concerns cover benchmarks of modern southwestern anthropological knowledge, models of past human activity and impact of modern visitation at newly established national monuments, challenges in implementing the 1964 Wilderness Act, and opportunities for increased federal research on Native American lands. The section on biological resources comprises sixteen chapters, with coverage that ranges from mammalian biogeography to responses of elk at the urban-wildland interface. Additional biological studies include the effects of fire and grazing on vegetation; research on bald eagles at Grand Canyon and tracking wild turkeys using radio collars; and management of palentological resources. Two final chapters on physical resources consider a proposed rerouting of the Rio de Flag River in urban Flagstaff, Arizona, and an examination of past climate patterns over the Plateau, using stream flow records and tree ring data. In light of similarities in habitat and climate across the Colorado Plateau, techniques useful to particular management units have been found to be applicable in many locations. This volume highlights an abundance of research that will prove useful for all of those working in the region, as well as for others seeking comparative studies that integrate research into land management actions.

Index of Patents Issued from the United States Patent and Trademark Office Springer Science & Business Media

During the past twenty years there has been a dramatic increase in obesity in the United States. An estimated thirty percent of adults in the US are obese; in 1980, only fifteen percent were. The issue is gaining greater attention with the CDC and with the public health world in general. This book will offer practical information about the methodology of epidemiologic studies of obesity, suitable for graduate students and researchers in epidemiology, and public health practitioners with an interest in the issue. The book will be structured in four main sections, with the majority of chapters authored by Dr. Hu, and some authored by specialists in specific areas. The first section will consider issues surrounding the definition of obesity, measurement techniques, and the designs of epidemiologic studies. The second section will address the consequences of obesity, looking at epidemiologic studies that focus on cardio-vascular disease, diabetes, and cancer The third section will look at determinants obesity, reviewing a wide range of risk factors for obesity including diet, physical activity and sedentary behaviors, sleep disorders, psychosocial factors, physical environment, biochemical and genetic predictors, and intrauterine exposures. In the final section, the author will discuss the analytical issues and challenges for epidemiologic studies of obesity.

Crossroads Between Innate and Adaptive Immunity IV Princeton University Press

Following the well-received first edition, the Drug Abuse Handbook, Second Edition is a thorough compendium of the knowledge of the pharmacological, medical, and legal aspects of drugs. The book examines criminalistics, pathology, pharmacokinetics, neurochemistry, treatment, as well as drugs and drug testing in the workplace and in sports, and the ethical, legal, and practical issues involved. Dr. Karch gathers contributions from 80 leading experts in their respective fields to update and revise this second edition with more than 40 percent new material. New topics include genetic testing in drug death investigation, the neurochemistry of nicotine and designer amphetamines, genetic doping in sports, and the implications of the Daubert ruling on the admissibility of scientific evidence in federal court. Packed with the latest information in an easily accessible format, the book includes tables of all Scheduled Drugs, methods of Drug Quantitative Analysis, and a glossary of forensic toxicology terms. Vivid pictures and diagrams illustrate the pathological effects of drugs and the chemical make-up and breakdown of abused drugs. It includes more than 6000 references to the best sources in medicine, pharmacology, and the law. This book addresses specific problems in drug testing, drug-related medical emergencies, and the physical, neurochemical, and sociological phenomenon of addiction. With unparalleled detail and the highest level of authoritative information, The Drug Abuse Handbook, Second Edition is the definitive resource for drug related issues.