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Situated Learning - Jean Lave 1991-09-27

In this important theoretical treatist, the authors push forward the notion of situated learning - that learning is fundamentally a social process.

Jeter Unfiltered - Derek Jeter 2014-10-28

The only authorized full-color book commemorating Derek Jeter's iconic baseball career with the New York Yankees, featuring archival images and original photos of his final 2014 season from renowned photographer Christopher Anderson. Derek Jeter's twentieth and final season in Major League Baseball truly marks the end of a sports era. The New York Yankees' shortstop—a five-time World Series victor, team captain since 2003, and one of the greatest ballplayers of all time—is a beloved and inspiring role model who displays the indefinable qualities of a champion, on and off the field. Jeter Unfiltered is a powerful collection of never-before-published images taken over the course of Derek's final season. Fans will have unprecedented access to "The Captain," as the famously private baseball legend takes us behind the scenes—inside his home, the stadium, the gym, at his Turn 2 Foundation events, fortieth birthday party, and more—as he looks back with candor and gratitude on his baseball career. The result is an intimate portrait bursting with personality, professionalism, and pride. Jeter Unfiltered is Jeter as you have never seen him before: unguarded, unapologetic...unfiltered.

Artificial Intelligence for Information Management: A Healthcare Perspective - K. G. Srinivasa 2021-05-20

This book discusses the advancements in artificial intelligent techniques used in the well-being of human healthcare. It details the techniques used in collection, storage and analysis of data and their usage in different healthcare solutions. It also discusses the techniques of predictive analysis in early diagnosis of critical diseases. The edited book is divided into four parts - part A discusses introduction to artificial intelligence and machine learning in healthcare; part B highlights different analytical techniques used in healthcare; part C provides various security and privacy mechanisms used in healthcare; and finally, part D exemplifies different tools used in visualization and data analytics.

At The Frontier Of Particle Physics: Handbook Of Qcd (In 3 Vols) - Shifman Misha 2001-04-10

This book consists of reviews covering all aspects of quantum chromodynamics as we know it today. The articles have been written by recognized experts in this field, in honor of the 75th birthday of Professor Boris Ioffe. Combining features of a handbook and a textbook, this is the most comprehensive source of information on the present status of QCD. It is intended for students as well as physicists — both theorists and experimentalists. Each review is self-contained and

pedagogically structured, providing the general formulation of the problem, telling where it stands with respect to other issues and why it is interesting and important, presenting the history of the subject, qualitative insights, and so on. The first part of the book is historical in nature. It includes, among other articles, Boris Ioffe's and Yuri Orlov's memoirs on high energy physics in the 1950's, a note by B V Geshkenbein on Ioffe's career in particle physics, and an essay on the discovery of asymptotic freedom written by David Gross./a

Applications of Computing, Automation and Wireless Systems in Electrical Engineering - Sukumar Mishra 2019

This book discusses key concepts, challenges and potential solutions in connection with established and emerging topics in advanced computing, renewable energy and network communications. Gathering edited papers presented at MARC 2018 on July 19, 2018, it will help researchers pursue and promote advanced research in the fields of electrical engineering, communication, computing and manufacturing.

Advances in Computational Intelligence and Communication Technology - Xiao-Zhi Gao 2020-06-18

This book features high-quality papers presented at the International Conference on Computational Intelligence and Communication Technology (CICT 2019) organized by ABES Engineering College, Ghaziabad, India, and held from February 22 to 23, 2019. It includes the latest advances and research findings in fields of computational science and communication such as communication & networking, web & informatics, hardware and software designs, distributed & parallel processing, advanced software engineering, advanced database management systems and bioinformatics. As such, it is of interest to research scholars, students, and engineers around the globe.

Contaminants in Agriculture - M. Naeem 2020-04-25

This comprehensive volume covers recent studies into agricultural problems caused by soil and water contamination. Considering the importance of agricultural crops to human health, the editors have focused on chapters detailing the negative impact of heavy metals, excessive chemical fertilizer use, nutrients, pesticides, herbicides,

insecticides, agricultural wastes and toxic pollutants, among others, on agricultural soil and crops. In addition, the chapters offer solutions to these negative impacts through various scientific approaches, including using biotechnology, nanotechnology, nutrient management strategies, biofertilizers, as well as potent PGRs and elicitors. This book serves as a key source of information on scientific and engineered approaches and challenges for the bioremediation of agricultural contamination worldwide. This book should be helpful for research students, teachers, agriculturalists, agronomists, botanists, and plant growers, as well as in the fields of agriculture, agronomy, plant science, plant biology, and biotechnology, among others. It serves as an excellent reference on the current research and future directions of contaminants in agriculture from laboratory research to field application.

Dandelion - Gabbie Hanna 2020-10-13

New York Times bestselling author Gabbie Hanna delivers everything from curious musings to gut-wrenching confessionals in her long-awaited sophomore collection of illustrated poetry. This edition includes a collection of uncomfortably honest personal essays about Gabbie's childhood and relationships. In this visually thrilling installment of the inner-workings of Gabbie's mind, we're taken on a journey of self-loathing, self-reflection, and ultimately, self-acceptance through deeply metaphorical imagery, chilling twists on child-like rhymes, and popular turns of phrase turned on their heads. Through raw, provocative tidbits, *Dandelion* explores what it means to struggle with a declining mental health in a world where mental health is both stigmatized and trivialized. The poems range from topics of rage and despair to downright silliness, so if you don't know whether to laugh or cry, just laugh until you cry.

Novel Postharvest Treatments of Fresh Produce - Sunil Pareek 2017-11-22

Consumption of fresh fruits and vegetables has increased dramatically in the last several decades. This increased consumption has put a greater burden on the fresh produce industry to provide fresher product quality, combined with a high level of food safety. Therefore, postharvest handling, storage and shipment of horticultural crops, including fruit and

vegetable products has increased in importance. *Novel Postharvest Treatments of Fresh Produce* focuses mainly on the application of novel treatments for fruits and vegetables shipping and handling life. A greater emphasis is placed on effects of postharvest treatments on senescence and ripening, bioactive molecule contents and food safety. The work presented within this book explores a wide range of topics pertaining to novel postharvest treatments for fresh and fresh-cut fruits and vegetables including applications of various active agents, green postharvest treatments, physical treatments and combinations of the aforementioned.

Inherited Cardiac Disease - Perry Elliott 2020-11-11

Fully updated to reflect advances in molecular genetic technologies and national guidelines on inherited cardiac diseases in families, this second edition provides a comprehensive summary of the aetiology, presentation, and management of genetic disorders of the cardiovascular system.

[Quantum Entanglement and Information Processing](#) - 2004-11-05

It has been recognised recently that the strange features of the quantum world could be used for new information transmission or processing functions such as quantum cryptography or, more ambitiously, quantum computing. These fascinating perspectives renewed the interest in fundamental quantum properties and lead to important theoretical advances, such as quantum algorithms and quantum error correction codes. On the experimental side, remarkable advances have been achieved in quantum optics, solid state physics or nuclear magnetic resonance. This book presents the lecture notes of the Les Houches Summer School on 'Quantum entanglement and information processing'. Following the long tradition of the les Houches schools, it provides a comprehensive and pedagogical approach of the whole field, written by renowned specialists. One major goal of this book is to establish connections between the communities of quantum optics and of quantum electronic devices working in the area of quantum computing. When two communities share the same goals, the universality of physics unavoidably leads to similar developments. However, the communication

barrier is often high, and few physicists are able to overcome it. This school has contributed to bridge the existing gap between communities, for the benefit of the future actors in the field of quantum computing. The book thus combines introductory chapters, providing the reader with a sufficiently wide theoretical framework in quantum information, quantum optics and quantum circuits physics, with more specialized presentations of recent theoretical and experimental advances in the field. This structure makes the book accessible to any graduate student having a good knowledge of basic quantum mechanics, and extremely useful to researchers. · Covers quantum optics, solid state physics and NMR implementations · Pedagogical approach combining introductory lectures and advanced chapters · Written by leading experts in the field · Accessible to all graduate students with a basic knowledge of quantum mechanics

Microbiome and Cancer - Erle S. Robertson 2019-02-20

This book ventures into a new and exciting area of discovery that directly ties our current knowledge of cancer to the discovery of microorganisms associated with different types of cancers. Recent studies demonstrate that microorganisms are directly linked to the establishment of cancers and that they can also contribute to the initiation, as well as persistence of, the cancers. *Microbiome and Cancer* covers the current knowledge of microbiome and its association with human cancers. It provides important reading for novices, senior undergraduates in cancer and microbiology, graduate students, junior investigators, residents, fellows and established investigators in the fields of cancer and microbiology. We cover areas related to known, broad concepts in microbiology and how they can relate to the ongoing discoveries of the micro-environment and the changes in the metabolic and physiologic states in that micro-environment, which are important for the ongoing nurturing and survival of the poly-microbial content that dictates activities in that micro-environment. We cover the interactions of microorganisms associated with gastric carcinomas, which are important for driving this particular cancer. Additional areas include oral cancers, skin cancers, ovarian cancers, breast cancers, nasopharyngeal cancers, lung cancers,

mesotheliomas, Hodgkin's and non-Hodgkin's lymphomas, glioblastoma multiforme, hepatocellular carcinomas, as well as the inflammatory response related to the infectious agents in cancers. This book covers the metabolic changes that occur because of infection and their support for development of cancers, chronic infection and development of therapeutic strategies for detection and control of the infection. The field of microbiome research has exploded over the last five years, and we are now understanding more and more about the context in which microorganisms can contribute to the onset of cancers in humans. The field of microbiome research has demonstrated that the human body has specific biomes for tissues and that changes in these biomes at the specific organ sites can result in disease. These changes can result in dramatic differences in metabolic shifts that, together with genetic mutations, will produce the perfect niche for establishment of the particular infection programmes in that organ site. We are just beginning to understand what those changes are and how they influence the disease state. Overall, we hope to bring together the varying degrees of fluctuations in the microbiome at the major organ sites and how these changes affect the normal cellular processes because of dysregulation, leading to proliferation of the associated tissues.

Men, Masculinities, and Earth - Paul M. Pulé 2021-08-03

This book considers issues of social and ecological significance through a masculinities lens. Earth - our home for aeons - is reeling. The atmosphere is heating up, causing reefs to bleach, fisheries to collapse, regions to flood and dry, vast tracts to burn, the polar ice caps to melt, ancient glaciers to retreat, biodiversity to decline exacerbated by the sixth great extinction, and more. Meanwhile, social and economic disparities are widening. Pandemics are cauterising glocal communities and altering our social mores. Nationalism is feeding divisiveness and hate, especially through men's violence. Politically extreme individuals and groups are exalting freedom while scapegoating the marginalised. Such are the symptoms of an emerging (m)Anthropocene. This anthology contends with these alarming trends, pointing our attention towards their gendered origins. Building on our monograph Ecological

Masculinities: Theoretical Foundations and Practical Guidance (2018), this collection of essays is framed as a dinner party conversation grouped into six discursive themes. Their views reflect a growing community of practice, whose combined efforts capture the most recent perspectives on masculine ecologisation. Together, they aim to help create a more caring world for all, moving the ecological masculinities conversation forward as it becomes an established, international, and pluralised field of study.

Text Types and the History of English - Manfred Görlach 2004-01-01
The history of modern European languages has been largely determined by the range of functions they have acquired, particularly after 1500. This development necessitated a notable expansion of their syntax and lexis, but is most characteristically reflected in the conventionalization of text types. Starting from the German concept of Textsorte as developed from the 1960s onwards, the present account is a first comprehensive attempt at charting the field for the history and present-day situation of the English language. In text types, a designation is linked with a more or less stable form which guides the writer's production as well as the reader's expectation, permitting one to recognize straightforward uses as well as deliberate misuses. Some two thousand of such designations are here listed with minimal definitions and dates for first occurrences. The discussion then concentrates on selected types, which are seen as especially illustrative for English: book dedications, cooking recipes, advertisements, church hymns, lexical entries, and jokes. Their functions and development over time are treated in correlation with their specific linguistic characteristics and adaptations to different period styles and social changes in the readership. The functional range of text types in traditions outside England and the consequences of the export of English categories are exemplified by the history of Scots/Scottish English and of English in India. The arguments are accompanied by a lavish supply of textual excerpts and more than fifty pages of facsimiles, which are especially relevant for insights derived from typographical features. A full bibliography and indices are provided at the end. The book will prove useful for decisions on the constitution of representative text corpora

and stimulate research into a greater number of individual text types as well as contrastive analyses at least among European languages.

An English-Tibetan Dictionary - Kazi Zla-Ba-Bsam-'Grub 2017-10-28
Excerpt from An English-Tibetan Dictionary: Containing a Vocabulary of Approximately Twenty Thousand Words With Their Tibetan Equivalents
Names of scientific products such as machinery, photography, arts -and medicines have been explained as clearly as possible. The work. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at www.forgottenbooks.com This book is a reproduction of an important historical work. Forgotten Books uses state-of-the-art technology to digitally reconstruct the work, preserving the original format whilst repairing imperfections present in the aged copy. In rare cases, an imperfection in the original, such as a blemish or missing page, may be replicated in our edition. We do, however, repair the vast majority of imperfections successfully; any imperfections that remain are intentionally left to preserve the state of such historical works.

A Universal Critical and Pronouncing Dictionary of the English Language: Including Scientific Terms - 1863

Health Emergency Preparedness and Response - Andy Wapling
2016-08-22

Intensely practical and down to earth, this timely new text covers the breadth of health emergency preparedness, resilience and response topics in the context of inter-disciplinary and whole society responses to a range of threats. It includes public, private and third sector roles in preparation for and in response to natural and man-made events, such as: major incident planning; infectious disease epidemics and pandemics; natural disasters; terrorist threats; and business and service continuity management. The book builds upon the basics of risk assessment and writing an emergency plan, and then covers inter-agency working, command and control, communication, personal impact and business continuity as well as training, exercises and post-incident follow up. Detailing the full emergency preparedness and civil protection planning

cycle, the book is illustrated throughout with real-life examples and case studies from global experts in the field for countries with both advanced and developing healthcare systems. This practical handbook covering the essential aspects of major incident and disaster management is ideal for undergraduate and master's students in emergency management and public health, as well as for practitioners in emergency preparedness and civil protection. It will be valuable to all health practitioners from ambulance, hospital, primary and community care, mental health and public health backgrounds.

The Art of Changing the Brain - James E. Zull 2020-05-28

Neuroscience tells us that the products of the mind--thought, emotions, artistic creation--are the result of the interactions of the biological brain with our senses and the physical world: in short, that thinking and learning are the products of a biological process. This realization, that learning actually alters the brain by changing the number and strength of synapses, offers a powerful foundation for rethinking teaching practice and one's philosophy of teaching. James Zull invites teachers in higher education or any other setting to accompany him in his exploration of what scientists can tell us about the brain and to discover how this knowledge can influence the practice of teaching. He describes the brain in clear non-technical language and an engaging conversational tone, highlighting its functions and parts and how they interact, and always relating them to the real world of the classroom and his own evolution as a teacher. "The Art of Changing the Brain" is grounded in the practicalities and challenges of creating effective opportunities for deep and lasting learning, and of dealing with students as unique learners.

Radiation Therapy for Skin Cancer - Armand B Cognetta 2013-06-13
Photon Radiation Therapy for Skin Malignancies is a vital resource for dermatologists interested in radiation therapy, including the physics and biology behind treatment of skin cancers, as well as useful and pragmatic formulas and algorithms for evaluating and treating them. Dermatology has always been a field that overlaps multiple medical specialties and this book is no exception, with its focus on both dermatologists and radiation oncologists. It is estimated that between 2010 and 2020, the

demand for radiation therapy will exceed the number of radiation oncologists practicing in the U.S. tenfold, which could profoundly affect the ability to provide patients with sufficient access to treatment. Photon Radiation Therapy for Skin Malignancies enhances the knowledge of dermatologists and radiation oncologists and presents them with the most up-to-date information regarding detection, delineation and depth determination of skin cancers, and appropriate biopsy techniques. In addition, the book also addresses radiation therapy of the skin and the skin's reactions to radiation therapy.

Breaking Ground - Carol Cronin (Agricultural science teacher) 2019

Evidence-Based Practice for Public Health Emergency

Preparedness and Response - National Academies of Sciences, Engineering, and Medicine 2020-11-28

When communities face complex public health emergencies, state local, tribal, and territorial public health agencies must make difficult decisions regarding how to effectively respond. The public health emergency preparedness and response (PHEPR) system, with its multifaceted mission to prevent, protect against, quickly respond to, and recover from public health emergencies, is inherently complex and encompasses policies, organizations, and programs. Since the events of September 11, 2001, the United States has invested billions of dollars and immeasurable amounts of human capital to develop and enhance public health emergency preparedness and infrastructure to respond to a wide range of public health threats, including infectious diseases, natural disasters, and chemical, biological, radiological, and nuclear events. Despite the investments in research and the growing body of empirical literature on a range of preparedness and response capabilities and functions, there has been no national-level, comprehensive review and grading of evidence for public health emergency preparedness and response practices comparable to those utilized in medicine and other public health fields. Evidence-Based Practice for Public Health Emergency Preparedness and Response reviews the state of the evidence on PHEPR practices and the improvements necessary to move the field forward and

to strengthen the PHEPR system. This publication evaluates PHEPR evidence to understand the balance of benefits and harms of PHEPR practices, with a focus on four main areas of PHEPR: engagement with and training of community-based partners to improve the outcomes of at-risk populations after public health emergencies; activation of a public health emergency operations center; communication of public health alerts and guidance to technical audiences during a public health emergency; and implementation of quarantine to reduce the spread of contagious illness.

Introduction to Nuclear and Particle Physics - Saverio D'Auria
2019-03-04

This textbook fills the gap between the very basic and the highly advanced volumes that are widely available on the subject. It offers a concise but comprehensive overview of a number of topics, like general relativity, fission and fusion, which are otherwise only available with much more detail in other textbooks. Providing a general introduction to the underlying concepts (relativity, fission and fusion, fundamental forces), it allows readers to develop an idea of what these two research fields really involve. The book uses real-world examples to make the subject more attractive and encourage the use of mathematical formulae. Besides short scientists' biographies, diagrams, end-of-chapter problems and worked solutions are also included. Intended mainly for students of scientific disciplines such as physics and chemistry who want to learn about the subject and/or the related techniques, it is also useful to high school teachers wanting to refresh or update their knowledge and to interested non-experts.

Statistical Inference from High Dimensional Data - Carlos Fernandez-Lozano 2021-04-28

- Real-world problems can be high-dimensional, complex, and noisy
- More data does not imply more information
- Different approaches deal with the so-called curse of dimensionality to reduce irrelevant information
- A process with multidimensional information is not necessarily easy to interpret nor process
- In some real-world applications, the number of elements of a class is clearly lower than the

other. The models tend to assume that the importance of the analysis belongs to the majority class and this is not usually the truth • The analysis of complex diseases such as cancer are focused on more-than-one dimensional omic data • The increasing amount of data thanks to the reduction of cost of the high-throughput experiments opens up a new era for integrative data-driven approaches • Entropy-based approaches are of interest to reduce the dimensionality of high-dimensional data

It Ends in Fire - Andrew Shvarts 2021-07-06

A James Patterson Presents novel Only those from the most powerful magical families can attend Blackwater Academy, but new student Alka has them fooled. Now it's time to take down the oppressive wizard ruling class from the inside. Alka Chelrazi is on a mission: 1. Infiltrate Blackwater Academy 2. Win the Great Game 3. Burn Wizard society to the ground As a child, Alka witnessed her parents' brutal murder at the hands of Wizards before she was taken in by an underground rebel group. Now, Alka is deep under cover at the most prestigious school of magic in the Republic: Blackwater Academy, a place where status is everything, where decadent galas end in blood-splattered duels, where every student has their own agenda. To survive, Alka will have to lie, cheat, and kill to use every trick in her spy's toolkit. And for the first time in her life, the fiercely independent Alka will have to make friends, to recruit the misfits and the outcasts into her motley rebellion. But even as she draws closer to victory—to vengeance —she sinks deeper into danger as suspicious professors and murderous rivals seek the traitor in their midst, as dark revelations unravel her resolve. Can Alka destroy the twisted game... without becoming a part of it?

Adventures in Innovation - John F. Tyson 2014

Tyson's journey from student to senior executive when an entirely new world of human communications came into being. He traces the development of corporate identity, vision, and activities of Bell-Northern Research (BNR), which would become one of the most innovative and widely respected research-and-development organizations in the world.

The Oxford Handbook of Public Health Ethics - Anna C. Mastroianni 2019-07-23

Natural disasters and cholera outbreaks. Ebola, SARS, and concerns over pandemic flu. HIV and AIDS. E. coli outbreaks from contaminated produce and fast foods. Threats of bioterrorism. Contamination of compounded drugs. Vaccination refusals and outbreaks of preventable diseases. These are just some of the headlines from the last 30-plus years highlighting the essential roles and responsibilities of public health, all of which come with ethical issues and the responsibilities they create. Public health has achieved extraordinary successes. And yet these successes also bring with them ethical tension. Not all public health successes are equally distributed in the population; extraordinary health disparities between rich and poor still exist. The most successful public health programs sometimes rely on policies that, while improving public health conditions, also limit individual rights. Public health practitioners and policymakers face these and other questions of ethics routinely in their work, and they must navigate their sometimes competing responsibilities to the health of the public with other important societal values such as privacy, autonomy, and prevailing cultural norms. This Oxford Handbook provides a sweeping and comprehensive review of the current state of public health ethics, addressing these and numerous other questions. Taking account of the wide range of topics under the umbrella of public health and the ethical issues raised by them, this volume is organized into fifteen sections. It begins with two sections that discuss the conceptual foundations, ethical tensions, and ethical frameworks of and for public health and how public health does its work. The thirteen sections that follow examine the application of public health ethics considerations and approaches across a broad range of public health topics. While chapters are organized into topical sections, each chapter is designed to serve as a standalone contribution. The book includes 73 chapters covering many topics from varying perspectives, a recognition of the diversity of the issues that define public health ethics in the U.S. and globally. This Handbook is an authoritative and indispensable guide to the state of public health ethics today.

For the Love of Justice - Doreen Slinkard 2019-07-18

A Dictionary, Hindūstānī and English - John Shakespear 1817

Ecological Approaches to Cognition - Eugene Winograd 1999-04

In the context of an Emory Symposium on Cognition honoring the enormous contributions to cognitive psychology of Ulric Neisser, this book brings together ecological approaches to various aspects of cognition and its development. Well-known former students and colleagues of Neisser articulate their views on perception, memory, and culture. There is a strong developmental component, with chapters on infant perception, infant problem solving, and the cognitive profile of Williams Syndrome, as well as two chapters that consider philosophical issues related to cognitive psychology.

Spanish Short Stories For Beginners (Vol 1) - Mobile Library
2018-05-20

¡Hola! Hello! Did you understand this first Spanish word? Yes, you did! Why? Because it was presented to you using a new technique that is making learning languages easier than ever - the Bilingual Reading. We created this book using this technique so that you can learn Spanish in a fast and fun way and whenever you want. How does this work? It is simple: Bilingual Reading works by reading two versions of the same book or text at once. One version will be on the language you want to learn (in this case we will help you to learn Spanish) and the other version will be in your native language or some other language you are comfortable with - here we will use English. Using this method, you will quickly start discovering the meaning of the words in Spanish and accumulating vocabulary that will soon allow you to read texts that are more complex without having to spend hours and hours looking for every word meaning on a dictionary and trying hard to memorize it. In order to make it easier for you to learn Spanish in a fun way, we gathered in a word a very special group of 12 Spanish short stories. These 12 Spanish short stories for beginners were written using straightforward grammar that is comprehensible for beginners and that will help you rapidly gain more Spanish vocabulary and comprehension. Using Spanish English parallel text, this book will increase your bilingual reading

comprehension skills and maximize the time you invest in reading. The book is organized as a Spanish learning book: you can start by reading each paragraph of each story in the two languages (in Spanish English parallel text), then move to read the full story in each language, rereading to consolidate the Spanish fundamentals whenever is necessary. This way you will feel the progress of Spanish language learning when moving from story to story and see your Spanish vocabulary grow as your bilingual reading comprehension increases - allows you to learn Spanish easily and more than that, you can learn Spanish in a fast and fun way. You can even dedicate it a few moments every day so you can even learn Spanish in 10 minutes a day if you want! Let's Start? The Volume 2 is also available! Get it also to learn even more words in Spanish, with 10 new short stories!

Rivers for Life - Sandra Postel 2012-06-22

The conventional approach to river protection has focused on water quality and maintaining some "minimum" flow that was thought necessary to ensure the viability of a river. In recent years, however, scientific research has underscored the idea that the ecological health of a river system depends not on a minimum amount of water at any one time but on the naturally variable quantity and timing of flows throughout the year. In *Rivers for Life*, leading water experts Sandra Postel and Brian Richter explain why restoring and preserving more natural river flows are key to sustaining freshwater biodiversity and healthy river systems, and describe innovative policies, scientific approaches, and management reforms for achieving those goals. Sandra Postel and Brian Richter: explain the value of healthy rivers to human and ecosystem health; describe the ecological processes that support river ecosystems and how they have been disrupted by dams, diversions, and other alterations; consider the scientific basis for determining how much water a river needs; examine new management paradigms focused on restoring flow patterns and sustaining ecological health; assess the policy options available for managing rivers and other freshwater systems; explore building blocks for better river governance. Sandra Postel and Brian Richter offer case studies of river management from the

United States (the San Pedro, Green, and Missouri), Australia (the Brisbane), and South Africa (the Sabie), along with numerous examples of new and innovative policy approaches that are being implemented in those and other countries. *Rivers for Life* presents a global perspective on the challenges of managing water for people and nature, with a concise yet comprehensive overview of the relevant science, policy, and management issues. It presents exciting and inspirational information for anyone concerned with water policy, planning and management, river conservation, freshwater biodiversity, or related topics.

Index: 1985 - University of Massachusetts at Amherst 2021-09-09

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NAFLD and NASH - 2020

This book provides a comprehensive overview of the diagnosis and management of Non-alcoholic Fatty Liver Disease (NAFLD) and Non-Alcoholic Steatohepatitis (NASH). Basic principles of disease progression, the genetic and nutritional basis of NAFLD and NASH are explained along with the proteomic principles underlying biomarker development. Chapters cover both biochemical and imaging biomarkers used in elastography and ultrasound and discuss how these are applicable to early diagnosis and monitoring of NASH and NAFLD. This is a useful resource for hepatologists, primary care providers with an interest in metabolic disease, diabetologists and endocrinologists in their daily

clinical practice.

Bile Acids and Their Receptors - Stefano Fiorucci 2019-09-03

This book focusses on the latest results related to the field of bile acids as signaling molecules and describes how these receptors have become a major pharmacological target. It covers all major areas of research in this field, from genetics, chemistry, in silico modeling, molecular biology to clinical applications, offering a cross-country view of the functional role of bile acids as signaling molecules, virtually acting on all major areas of metabolism. While FXR and GPBAR1 are essential bile acid sensors that integrate the de novo bile acid synthesis with intestinal microbiota and liver metabolism, in a broader sense, BARs play a pathogenic role in the development of common human ailments including liver, intestinal and metabolic disorders, such as steatosis (NAFLD) and steato-hepatitis (NASH), diabetes, obesity and atherosclerosis.

Impacts of Invasive Species on Coastal Environments - Christopher Makowski 2018-07-24

This book focuses on the global threats to coastal environments from invasive, non-native species and examines how these alien biological species adversely alter landscapes and socioeconomic conditions as well as the psychological attitudes and perceptions of local inhabitants and tourists. Designed for the professional or specialist in marine science, coastal zone management, biology, and related disciplines, this volume appeals to those not only working directly with invasive flora and fauna species, but also those individuals involved in a wide array of coastal related fields. Examples and case studies of coastal invasive species are drawn from many different geographic areas worldwide, including North and South America, Europe, Oceania, the Caribbean, Southeast Asia, and Africa.

Art of "X-Men 2" - Timothy Shaner 2003

The X-Men are back in the cinema. Wolverine, Professor X, Cyclops, Jean Grey and the rest of the team return in X2, facing a new threat so dangerous that former enemy Magneto must join their ranks to defeat it.

Antitumor Antibiotics - S.K. Carter 2012-12-06

The scientific collaboration between the United States and Japan in the field of cancer goes back many years. In this successful international collaboration cancer chemotherapy has been one of the most productive areas. Pioneers such as YOSHIDA, UMEZAWA, SHEAR, and GOLDIN established firm links of mutual trust and respect in the period after the Second Great War. Japanese drugs, such as mitomycin C and bleomycin have become mainstays of clinical oncology in the U. S. and throughout the world. Many drugs developed in the U. S. have become established in Japanese cancer therapy. Within the cancer chemotherapy field the antitumor antibiotics rank as one of the most important groups. In the U. S. -J apanese collaboration this group of drugs has taken the paramount role. The Japanese, under the leadership of U mezawa, are considered to be among the most innovative and productive in this area which has also had great emphasis in the United States as part of the National Cancer Institute's drug development program and in the pharmaceutical industry. This extended collaboration in general oncology, and chemotherapy in particular, has received increased impetus by and support from the official U. S. -J apan Joint Agreement on cancer research, which was established in 1974 between the National Cancer Institute and the Japanese Society for the Promotion of Science. One of the subsections of this agreement is cancer therapy with emphasis on chemotherapy.

Dentists - Mary Meinking 2020-08

Open wide! Dentists care for people's teeth. Give readers the inside

scoop on what it's like to be a dentist. Readers will learn what dentists do, the tools they use, and how people get this exciting job.

Respiratory Regulation - Clinical Advances - Mieczyslaw Pokorski
2016-08-23

This book, written for pulmonary and family doctors, general practitioners, allergologists, and neuropsychologists, presents cutting-edge clinical research and therapy-oriented knowledge in the field of respiratory medicine. Clinical knowledge is undergoing dramatic improvement. Respiration is one such prominent field. A better understanding of the pathogenesis of respiratory ailments and the regulation of lung ventilation is essential for advances in pharmacotherapy and the patient's quality of life. The book discusses a wide scope of topics, notably, innovations in detection and management of chronic inflammatory conditions such as COPD or asthma, acute infections of the respiratory tract, airway allergies and hyper-responsiveness, lung cancer, interstitial lung diseases, pulmonary function in health, disease and aging, sleep disordered breathing, interaction between the respiratory system and other bodily functions, and psychosomatic aspects of disease. After all, respiration is generated and integrated by the brain; therefore brain function is influential in respiratory regulation. The book is a platform that fosters the exchange of new clinical data between clinicians and academic neuroscientists, bringing a unique blend of medical diagnosis and practice to the leadership in respiratory medicine.