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Handbook of Research on Reading Comprehension Primary Care - E-Book Case Studies in Clinical Psychological Science Intelligent Virtual Agents Prosocial Development
 Massacre at Duffy's Cut Intelligent Virtual Agents The Religious Culture of Marian England Cancer Targeted Drug Delivery Criminalising Cartels The Royal Marsden Manual of
 Clinical Nursing Procedures Massacre at Duffy's Cut: Tragedy & Conspiracy on the Pennsylvania Railroad Handbook of Current and Novel Protocols for the Treatment of
 Infertility TRIUMPH OF RACISM Progress in Heterocyclic Chemistry The Tudors: A Very Short Introduction Breast Cancer Learning to Teach in the Secondary School Surgical
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 Management Aboveground-Belowground Linkages Responsible Citizens Insect Ecology Communication and Technology Diagnostic Radiology Remote Sensing of the
 Terrestrial Water Cycle Cytokine and Chemokine Networks in Cancer Encyclopedia of Food Microbiology Saints, Sacrilege and Sedition Cumulative Effects in Wildlife
 Management Handbook of Meat, Poultry and Seafood Quality Nomad's Land Women in parasite and host 2021

Handbook of Research on Reading Comprehension

2014-06-03

the handbook of research on reading comprehension assembles researchers of reading comprehension literacy educational psychology psychology and neuroscience to document the most recent research on the topic it summarizes the current body of research on theory methods instruction and assessment including coverage of landmark studies designed to deepen understanding of how past research can be applied and has influenced the present and to stimulate new thinking about reading comprehension the volume is organized around seven themes historical perspectives on reading comprehension theoretical perspectives changing views of text elements of reading comprehension assessing and teaching reading comprehension cultural impact on reading comprehension where to from here this is an essential reference volume for the international community of reading researchers reading psychologists graduate students and professionals working in the area of reading and literacy

Primary Care - E-Book

2012-03-01

written by and for nurse practitioners from a unique collaborative perspective primary care a collaborative practice 4th edition prepares you to provide care for all of the major disorders of adults seen in the outpatient setting evidence based content reflects the latest guidelines for primary care of hundreds of conditions including hypertension diabetes and sexually transmitted infections now in full color the 4th edition includes chapters on emerging topics such as genetics obesity lifestyle management and emergency preparedness combining a special blend of academic and clinical expertise the author team provides a practical text reference that promotes a truly collaborative primary care practice comprehensive evidence based content incorporates the latest standardized guidelines for primary care in today's fast paced collaborative environment unique a collaborative perspective reflecting the key roles of nps mds pas pharmds and others promotes seamless continuity of care a consistent format from chapter to chapters facilitates learning and clinical reference value diagnostics and differential diagnosis boxes provide a quick reference for diagnosing disorders and helping to develop effective management plans physician consultation icons highlight situations or conditions in which consultation is either recommended or necessary emergency referral icons identify signs and symptoms that indicate the need for immediate referral to an emergency facility co management with specialists discussions help you provide truly collaborative care in the outpatient setting complementary and alternative therapies are addressed where supported by solid research evidence

Case Studies in Clinical Psychological Science

2013-01-29

in the past few decades clinical science has emerged as a prominent model for training and practice in clinical psychology this model emphasizes evidence derived from high quality research and is consistent with the increasingly influential evidence based movement in medicine which is a vital step toward making psychotherapy more effective efficient and safe despite this trend much current psychological practice is not evidence based moreover there is a marked dearth of resources available to train students and assist practitioners with the challenging goal of translating science into practice case studies in clinical psychological science demonstrates in detail how the clinical science model can be applied to actual cases edited by professors william o donohue and scott o lilienfeld this book's unique structure presents dialogues between leading clinical researchers regarding the treatment of a wide variety of psychological problems from depression and alzheimer's disease to panic disorder and chronic pain chapters describe what evidence based practice consists of for various clinical problems and are followed by commentary sections in which other leading clinical researchers analyze the case at hand pointing out additional assessment and treatment options and controversial issues the chapter authors then reply to the commentary in response sections by examining the application of scientifically based interventions to actual cases and modeling thoughtful and collegial discussion among prominent clinical researchers case studies in clinical psychological science will assist students practitioners and clinical researchers with the crucial task of applying research evidence to psychotherapy and bridging the gap between science and practice

Intelligent Virtual Agents

2010-09-03

th welcome to the proceedings of the 10 international conference on intelligent virtual agents iva held 20 22 september 2010 in philadelphia pennsylvania usa intelligent virtual agents are interactive characters that exhibit human like qualities and communicate with humans or with each other using natural human modalities such as behavior gesture and speech ivas are capable of real time perception cognition and action that allow them to participate in a dynamic physical and social environment iva 2010 is an interdisciplinary annual conference and the main forum for prese ing research on modeling developing and evaluating intelligent virtual agents with a focus on communicative abilities and social behavior the development of ivas quires expertise in multimodal interaction and several ai fields such as cognitive modeling planning vision and natural language processing computational models are typically based on experimental studies and theories of human human and hum robot interaction conversely iva technology may provide interesting lessons for these fields visualizations of ivas require computer graphics and animation te niques and in turn supply significant realism problem domains for these fields the realization of engaging ivas is a challenging task so reusable modules and tools are of great value the fields of application range from robot assistants social simulation and tutoring to games and artistic exploration the enormous challenges and diversity of possible applications of ivas have sulted in an established annual conference

Prosocial Development

2014

examines a variety of biological socialization and contextual influences on prosocial development from infancy through young adulthood while the definition of prosocial behavior may seem straight forward recent research has highlighted its multifaceted nature this volume specifically focuses on the multidimensionality of prosocial development examining different contexts motivations types and targets of prosocial behavior that are differentially predicted by socialization and dispositional characteristics

Massacre at Duffy's Cut

2018-10-22

the shocking murder of railroad laborers in nineteenth century pennsylvania and the centuries long coverup that followed is revealed in this true crime history in june 1832 railroad contractor philip duffy hired fifty seven irish immigrant laborers to work on pennsylvania s philadelphia and columbia railroad they were sent to a stretch of track in rural chester county known as duffy s cut six weeks later all of them were dead for more than 180 years the railroad maintained that cholera was to blame and kept the historical record under lock and key in a harrowing modern day excavation of their mass grave a group of academics and volunteers found evidence some of the laborers were murdered authors and research leaders dr william e watson and dr j francis watson reveal the tragedy mystery and discovery of what really happened at duffy s cut

Intelligent Virtual Agents

2011-09-15

this book constitutes the refereed proceedings of the 11th international conference on intelligent virtual agents iva 2011 held in reykjavik island in september 2011 the 18 revised full papers and 27 revised short papers presented together with 25 poster papers were carefully reviewed and selected from 91 submissions the papers are organized in topical sections on social and dramatic interaction guides and relational agents nonverbal behavior adaptation and coordination listening and feedback frameworks and tools cooperation and copresence emotion poster abstracts

The Religious Culture of Marian England

2015-10-06

loades explores england s religious cultures during the reign of mary tudor he investigates how conflicting traditions of conformity and dissent negotiated the new spiritual political and legal landscape which followed her reintroduction of catholicism to england

Cancer Targeted Drug Delivery

2013-08-31

this book was conceived from a simple question as to why cancer is so difficult to treat ultimately we want to find ways to cure cancers but that may be an elusive dream at least with the technologies we have now and expect to have in the near future this leads the question of whether it is possible to improve current cancer treatment methods especially from the perspective of enhancing targeted drug delivery to tumors this volume is designed to provide information related to the difficulties in treating cancers through targeted drug delivery our current understanding of cancer biology and potential technologies that might be used to achieve enhanced drug delivery to tumors an ideal drug delivery system for treating cancers would maximize the therapeutic efficacy with minimal side effects in clinical applications the seemingly improved anticancer efficacy of the current nanoparticle based formulations needs to be viewed from the context of very poor success rates for translation to human applications the results of in vitro cell culture models and small animal in vivo experiments have not been extrapolated to clinical applications finding the reasons for the lack of successful translation is required if we are to discover approaches to substantially extend the survival time of cancer patients and hopefully identify cures cancer targeted drug delivery elusive dream describes some answers of achieving the so far elusive dream of treating cancers like other chronic diseases with therapies that focus using improved drug delivery systems designed to better align with the unique biological and physiological properties of cancer

Criminalising Cartels

2011-02-10

this book is inspired by the international movement towards the criminalisation of cartel conduct over the last decade led by us enforcers criminalisation has been supported by a growing number of regulators and governments it derives its support from the simple yet forceful proposition that criminal sanctions particularly jail time are the most effective deterrent to such activity however criminalisation is much more complex than that basic proposition suggests there is complexity both in terms of the various forces that are driving and shaping the movement economic political and social and in the effects on the various actors involved in it government enforcement agencies the business community judiciary legal profession and general public featuring contributions from authors who have been at the forefront of the debate around the world this substantial 19 chapter volume captures the richness of the criminalisation phenomenon and considers its implications for building an effective criminal cartel regime particularly outside of the us it adopts a range of approaches including general theoretical perspectives from criminal theory economics political science regulation and criminology and case studies of the experience with the design and enforcement of existing or contemplated criminal cartel regimes in various jurisdictions including in australia canada eu germany ireland and the uk the book also explores the international dimensions of criminalisation its specific practical consequences such as increased potential for extradition as well as its more general implications for trends of harmonisation or convergence in competition law and enforcement

The Royal Marsden Manual of Clinical Nursing Procedures

2015-03-05

nationally recognised as the definitive guide to clinical nursing skills the royal marsden manual of clinical nursing procedures has provided essential nursing knowledge and up to date information on nursing skills and procedures for over 30 years now in its 9th edition this full colour manual provides the underlying theory and evidence for

procedures enabling nurses to gain the confidence they need to become fully informed skilled practitioners written with the qualified nurse in mind this manual provides up to date detailed evidence based guidelines for over 200 procedures related to every aspect of a person s care including key information on equipment the procedure and post procedure guidance along with full colour illustrations and photos following extensive market research this ninth edition contains the procedures and changes in practice that reflect modern acute nursing care includes thoroughly reviewed and updated evidence underpinning all procedures is organised and structured to represent the needs of a patient along their care pathway integrates risk management into relevant chapters to ensure it is central to care contains revised procedures following hands on testing by staff and students at kingston university is also available as an online edition

Massacre at Duffy's Cut: Tragedy & Conspiracy on the Pennsylvania Railroad

2018

fifty seven irish immigrant laborers arrived in the port of philadelphia in june 1832 to work on pennsylvania s philadelphia and columbia railroad they all perished within six weeks contractor philip duffy hired them to work a stretch of track in rural chester county known as duffy s cut for more than 180 years the railroad maintained that cholera was to blame and kept the historical record under lock and key in a harrowing modern day excavation of their mass grave a group of academics and volunteers found evidence some of the laborers were murdered authors and research leaders dr william e watson and dr j francis watson reveal the tragedy mystery and discovery of what really happened at duffy s cut

Handbook of Current and Novel Protocols for the Treatment of Infertility

2023-09-29

handbook of current and novel protocols for the treatment of infertility is a valuable resource of well organized comprehensive scientific data with practical guides and step by step protocols for infertility management written by contributors located worldwide this book discusses different practice patterns and approaches used internationally along with innovative topics including preimplantation genetic testing time lapse imaging and the role of artificial intelligence in art this book provides up to date evidence based guidance on daily practice and is a valuable resource for infertility providers including trainees in the field of reproductive endocrinology and infertility embryologists specialists in reproductive medicine and gynecologists the field of assisted reproductive technology art is rapidly evolving and stimulation protocols fertility strategies and aspects of infertility treatments are constantly being updated as advances and new discoveries are made presents protocols for infertility management and new developments in practical techniques and understanding including discussions on in vitro maturation in vitro fertilization and ovarian stimulation discusses innovative topics such as the role of artificial intelligence in infertility management protocols using progesterone to prevent ovulation dual stim protocols random start protocols complications in ivf and management of these complications chapter written by well known experts on infertility management from different parts of the world thus providing a worldwide perspective

TRIUMPH OF RACISM

2021-04-05

emmanuel neba fuh in this comprehensive chronological compilation and thorough narrative of the history of white supremacy in africa provide an unflinching fresh case that african poverty a central tenet of the shithole demonization is not a natural feature of geography or a consequence of culture but a direct product of imperial extraction from the continent a practice that continues into the present a brutal and nefarious tale of slave trade genocides massacres dictators supported progressive leaders murdered weapon smuggling cloak and dagger secret services corruption international conspiracy and spectacular military operations he raised the most basic and fundamental question how was africa the world s richest continent raped and reduced to what donald j trump called shithole by v mbanwie

Progress in Heterocyclic Chemistry

2010-10-01

progress in heterocyclic chemistry phc is an annual review series commissioned by the international society of heterocyclic chemistry ishc volumes in the series contain both highlights of the previous year s literature on heterocyclic chemistry and articles on emerging topics of particular interest to heterocyclic chemists the chapters in volume 22 constitute a systematic survey of the important original material reported in the literature of heterocyclic chemistry in 2009 covers the heterocyclic literature published in 2009 includes specialized reviews features contributions from leading researchers in their fields

The Tudors: A Very Short Introduction

2013-08-29

looks at the reigns of each of the tudor monarchs

Breast Cancer

2013-09-21

breast cancer a new era in management provides a compendium of succinct analysis of the many facets involved in the present day management of the breast cancer patient the text provides the clinician or student with basic foundational knowledge in the rapidly expanding areas of expertise that are required for both the diagnosis and treatment of the breast cancer patient each topic whether diagnostic or therapeutic is presented in a straightforward fashion incorporating as part of each topic a description of the historical clinical landmarks leading to the present day their present day position in the care of the breast patient and finally an assessment of possible future application and adaptation in clinical practice emphasis is placed on clear and concise explanations of each topic presented in stepwise fashion from fundamental elements to the more complex breast cancer a new era in management will act as a ready reference for the practicing surgeon and students seeking practical information on a particular clinical topic or scenario

Learning to Teach in the Secondary School

2016-03-17

learning to teach involves hard work and careful preparation to become an effective teacher requires pedagogical and subject knowledge an understanding of your pupils and how they learn and the confidence to respond to dynamic classroom situations learning to teach in the secondary school is the market leading text for all undergraduate postgraduate and school based routes to qualified teacher status it offers an in depth and practical introduction to the knowledge skills and understanding needed to become a confident and effective teacher with a focus on evidence based practice the book includes a wealth of examples to demonstrate how to successfully apply theory to practice and how to critically analyse your practice to maximise pupil learning this 7th edition is fully updated in light of the latest initiatives evidence and research in the field offering comprehensive coverage unit by unit of the key concepts and skills addressed on initial teacher education courses in preparation for work in schools the wide range of pedagogical features support both university based work including that up to masters level and school based initial teacher education and are designed to help you develop those qualities that lead to good practice and a successful future in education written by expert practitioners thirty six essential units include adopting a positive approach to managing behaviour to support learning ways pupils learn planning lessons units of work and schemes of work motivating pupils assessment inclusion and special educational needs using ict and digital technologies pupil grouping progression and differentiation managing time workload and stress getting your first teaching post learning to teach in the secondary school provides practical help and guidance for many of the situations and potential challenges you are faced with in school supported by the learning to teach subjects in the secondary school series it is an essential purchase for every aspiring secondary school teacher

Surgical Palliative Care

2019-11-12

palliative care has become increasingly important across the spectrum of healthcare and with it the need for education and training of a broad range of medical practitioners not previously associated with this field of care part of the integrating palliative care series this volume on surgical palliative care guides readers through the core palliative skills and knowledge needed to deliver high value care for patients with life limiting critical and terminal illness under surgical care chapters explore the historical philosophical and spiritual principles of surgical palliative care and follow the progression of the seriously ill surgical patient s journey from the pre operative encounter to the invasive procedure to the post operative setting and on to survivorship an overview of the future of surgical palliative care education and research rounds out the text surgical palliative care is an ideal resource for surgeons surgical nurses intensivists and other practitioners who wish to learn more about integrating palliative care into the surgical field

The Good, The Bad and The Ugly: Multiple Roles of Bacteria in Human Life

2018-10-17

bacteria are among the earliest forms of life on earth notwithstanding their small size and primitive origin bacteria still have a tremendous impact on everyday human life over the centuries research into bacteria have provided and enriched the fundamental biological knowledge due to their readily measured processes and effects on higher organisms although molecular genetics and microbiology were among the scientific fields that have mostly benefited from the discoveries made in bacteria our current state of knowledge has gone beyond what anyone could have ever imagined the present research topic aims to cover new and exciting broad aspects of the importance of bacteria to human life both positive and negative influences regulation of bacterial gene expression replication and segregation control mechanisms cell to cell communication via quorum sensors and the relatively recent finding of bacterial immunity via crispr have led to the development of many and very important new tools in biotechnology and the emerging field of molecular medicine the battle against infectious diseases has also benefited from the genetic approaches that have been developed in the quest for finding new targets and novel drugs against pathogenic bacteria at the next level the human microbiome project has opened up new avenues in understanding the role of bacteria in human health and wellbeing finally the relationship between bacterial infections and human cancers will also be covered a subject that is still under verification through rigorous experimental approaches special emphasis will be given to the bacterial accessory genome i e the mobilome as the primary cause of health threatening antimicrobial resistance and the production of toxins and virulence factors taking into account the evolutionary importance of horizontal gene transfer and the additional beneficial roles of certain bacterial mobile genetic elements they help project best the good the bad and the ugly outline of this topic at the time this ebook is about to be published our research topic has registered nearly 55 000 views

Ecosystems of California

2016-01-19

this long anticipated reference and sourcebook for california s remarkable ecological abundance provides an integrated assessment of each major ecosystem type its distribution structure function and management a comprehensive synthesis of our knowledge about this biologically diverse state ecosystems of california covers the state from oceans to mountaintops using multiple lenses past and present flora and fauna aquatic and terrestrial natural and managed each chapter evaluates natural processes for a specific ecosystem describes drivers of change and discusses how that ecosystem may be altered in the future this book also explores the drivers of california s ecological patterns and the history of the state s various ecosystems outlining how the challenges of climate change and invasive species and opportunities for regulation and stewardship could potentially affect the state s ecosystems the text explicitly incorporates both human impacts and conservation and restoration efforts and shows how ecosystems support human well being edited by two esteemed ecosystem ecologists and with overviews by leading experts on each ecosystem this definitive work will be indispensable for natural resource management and conservation professionals as well as for undergraduate or graduate students of california s environment and curious naturalists

The Mental Health and Substance Use Workforce for Older Adults

2012-10-26

at least 5.6 million to 8 million nearly one in five older adults in america have one or more mental health and substance use conditions which present unique challenges for their care with the number of adults age 65 and older projected to soar from 40.3 million in 2010 to 72.1 million by 2030 the aging of america holds profound consequences for the nation for decades policymakers have been warned that the nation's health care workforce is ill equipped to care for a rapidly growing and increasingly diverse population in the specific disciplines of mental health and substance use there have been similar warnings about serious workforce shortages insufficient workforce diversity and lack of basic competence and core knowledge in key areas following its 2008 report highlighting the urgency of expanding and strengthening the geriatric health care workforce the iom was asked by the department of health and human services to undertake a complementary study on the geriatric mental health and substance use workforce the mental health and substance use workforce for older adults in whose hands assesses the needs of this population and the workforce that serves it the breadth and magnitude of inadequate workforce training and personnel shortages have grown to such proportions says the committee that no single approach nor a few isolated changes in disparate federal agencies or programs can adequately address the issue overcoming these challenges will require focused and coordinated action by all

Netter's Obstetrics and Gynecology E-Book

2023-03-28

for medical students generalists and specialists alike netter's obstetrics gynecology 4th edition provides superbly illustrated up to date information on the conditions and problems most often encountered in ob gyn practice classic netter images are paired with concise evidence based descriptions of common diseases conditions diagnostics treatments and protocols large clear illustrations and short to the point text provide quick authoritative access to expert medical thinking perfect for gaining knowledge of this complex field for everyday clinical practice or for staff and patient education features concise exquisitely illustrated coverage of anatomy and embryology gynecology and women's health and obstetrics contains more than 300 exquisite netter images as well as new recent paintings by carlos machado that provide a quick and memorable overview of each disease or condition includes eleven new chapters including sexuality and gender dysphoria alcohol abuse in women anal incontinence cardiovascular disease in women genitourinary syndrome of menopause hereditary cancer syndromes external cephalic version and more

Constructivist Instruction

2009-05-28

constructivist instruction success or failure brings together leading thinkers from both sides of the hotly debated controversy about constructivist approaches to instruction although constructivist theories and practice now dominate the fields of the learning sciences instructional technology curriculum and teaching and educational psychology they have also been the subject of sharp criticism regarding sparse research support and adverse research findings this volume presents the evidence for and against constructivism the challenges from information processing theorists and commentaries from leading researchers in areas such as text comprehension technology as well as math and science education who discuss the constructivist framework from their perspectives chapters present detailed views from both sides of the controversy a distinctive feature of the book is the dialogue built into it between the different positions each chapter concludes with discussions in which two authors with opposing views raise questions about the chapter followed by the author's responses to those questions for some chapters there are several cycles of questions and answers these discussions and concluding chapters by the editors clarify and occasionally narrow the differences between positions and identify needed research

Deep Earth

2016-04-04

deep earth physics and chemistry of the lower mantle and core highlights recent advances and the latest views of the deep earth from theoretical experimental and observational approaches and offers insight into future research directions on the deep earth in recent years we have just reached a stage where we can perform measurements at the conditions of the center part of the earth using state of the art techniques and many reports on the physical and chemical properties of the deep earth have come out very recently novel theoretical models have been complementary to this breakthrough these new inputs enable us to compare directly with results of precise geophysical and geochemical observations this volume highlights the recent significant advancements in our understanding of the deep earth that have occurred as a result including contributions from mineral rock physics geophysics and geochemistry that relate to the topics of i thermal structure of the lower mantle and core ii structure anisotropy and plasticity of deep earth materials iii physical properties of the deep interior iv chemistry and phase relations in the lower mantle and core v volatiles in the deep earth the volume will be a valuable resource for researchers and students who study the earth s interior the topics of this volume are multidisciplinary and therefore will be useful to students from a wide variety of fields in the earth sciences

Advances in Virus Research

2019-01-09

advances in virus research volume 103 the latest in the advances in virus research series contains new informative updates on the topic first published in 1953 this series covers a diverse range of in depth reviews providing a valuable overview of the current field of virology updates to this release include a review on phage genes that affect bacterial phenotypes phage lysis new perspectives on the bacterial cell envelope crisprs as the adaptive immune system of archaea and bacteria cress viruses tupanviruses and giant virus evolution amongst other topics contains contributions from leading authorities in the field of virology informs and updates on all the latest developments in the field

Style Differences in Cognition, Learning, and Management

2012-12-06

this book aims to mark fifteen years of contributions to the field of style research in cognition and learning presented at the annual conference of the european learning styles information network the style field is a multidisciplinary global community made up of researchers in several domains of knowledge including education psychology business computer science information systems management human resources and other related fields the book will be relevant for readers who are interested in differences in thinking and learning covering a wide range of style related themes with appeal to readers seeking an international and interdisciplinary perspective interested practitioners will include professionals working in the areas of hr management organizational learning business management and all phases of education the application of style differences for example impacts widely upon work and human performance in areas of policy making team management and project development sports social agency and medicine new or alternative research paradigms facilitating revision and consensus in the field of style differences are presented the aim of integrating research and practice is developed to achieve consensual theory for style differences in human performance style differences in performance is a timely and field defining volume that will change the way academics and practitioners across international and disciplinary boundaries think and talk about the field of learning style and its implications for human achievement

Aboveground-Belowground Linkages

2010-07-29

aboveground belowground linkages provides the most up to date and comprehensive synthesis of recent advances in our understanding of the roles that interactions between aboveground and belowground communities play in regulating the structure and function of terrestrial ecosystems and their responses to global change it charts the historical development of this field of ecology and evaluates what can be learned from the recent proliferation of studies on the ecological and biogeochemical significance of aboveground belowground linkages the book is structured around four key topics biotic interactions in the soil plant community effects the role of

aboveground consumers and the influence of species gains and losses a concluding chapter draws together this information and identifies a number of cross cutting themes including consideration of aboveground belowground feedbacks that occur at different spatial and temporal scales the consequences of these feedbacks for ecosystem processes and how aboveground belowground interactions link to human induced global change

Responsible Citizens

2013-10-15

the individual has never been more important in society in almost every sphere of public and private life the individual is sovereign yet the importance and apparent power assigned to the individual is not all that it seems as responsible citizens investigates via its uk based case studies this emphasis on the individual has gone hand in hand with a rise in subtle authoritarianism which has insinuated itself into the government of the population whilst present throughout the public services this authoritarianism is most conspicuous in the health and social welfare sectors such that a kind of governance through responsibility is today enforced upon the population

Insect Ecology

2006-04-10

the third edition of insect ecology an ecosystem approach provides a modern perspective of insect ecology that integrates two approaches traditionally used to study insect ecology evolutionary and ecosystem this integration substantially broadens the scope of insect ecology and contributes to prediction and resolution of the effects of current environmental changes as these affect and are affected by insects the third edition includes an updated and expanded synthesis of feedback and interactions between insects and their environment this updated material and a new chapter on applications of insect ecology to social and environmental issues effectively demonstrates how evolutionary and ecosystem approaches complement each other with the intent of stimulating further integration of these approaches in experiments that address insect roles in ecosystems effective management of ecosystem resources depends on evaluation of the complex often complementary effects of insects on ecosystem conditions as well as insect responses to changing conditions timely revision of a key reference on insect ecology full coverage of ecosystem structure and function balanced with essential background on evolutionary aspects new chapter on applications to issues such as pest management ecosystem restoration invasive species and environmental changes case studies highlight practical and theoretical applications for topics covered in each chapter

Communication and Technology

2015-08-31

the primary goal of the communication and technology volume 5th within the series handbooks of communication science is to provide the reader with a comprehensive compilation of key scholarly literature identifying theoretical issues emerging concepts current research specialized methods and directions for future investigations the internet and web have become the backbone of many new communication technologies often transforming older communication media through digitization to make them compatible with the net accordingly this volume focuses on internet web technologies the essays cover various infrastructure technologies ranging from different kinds of hard wired elements to a range of wireless technologies such as wifi mobile telephony and satellite technologies audio visual communication is discussed with reference to large format motion pictures medium sized television and video formats and the small screen mobile smartphone there is also coverage of audio only media such as radio music and voice telephony text media in such venues as online newspapers blogs discussion forums and mobile texting and multi media technologies such as games and virtual reality

Diagnostic Radiology

2012-12-15

doody rating 3 stars the present revised edition has been designed to provide an integrated approach to musculoskeletal disorders this series has been accordingly updated and comprises of 24 chapters categorized under six sections and two parts the first section deals with all imaging modalities in detail there is also an updated section on mr imaging all chapters have been thoroughly revised being a developing nation infections continue to be a health problem and an entire section is devoted to it the importance of conventional radiography has been emphasized because all radiology

Remote Sensing of the Terrestrial Water Cycle

2014-12-08

remote sensing of the terrestrial water cycle is an outcome of the agu chapman conference held in february 2012 this is a comprehensive volume that examines the use of available remote sensing satellite data as well as data from future missions that can be used to expand our knowledge in quantifying the spatial and temporal variations in the terrestrial water cycle volume highlights include an in depth discussion of the global water cycle approaches to various problems in climate weather hydrology and agriculture applications of satellite remote sensing in measuring precipitation surface water snow soil moisture groundwater modeling and data assimilation a description of the use of satellite data for accurately estimating and monitoring the components of the hydrological cycle discussion of the measurement of multiple geophysical variables and properties over different landscapes on a temporal and a regional scale remote sensing of the terrestrial water cycle is a valuable resource for students and research professionals in the hydrology ecology atmospheric sciences geography and geological sciences communities

Cytokine and Chemokine Networks in Cancer

2023-10-19

cytokine and chemokine networks in cancer provides a comprehensive exploration of the roles of cytokines and chemokines in cancer biology it offers valuable insights into their diagnostic prognostic and therapeutic implications making it a valuable resource for researchers clinicians and students interested in the field of cancer immunology and therapy this book illustrates the importance and significance of the cytokine and chemokine signaling networks in tumor development and progression it describes the complex networks mediated by cytokine and chemokine receptors promoting tumor cell proliferation site directed metastasis and activation of angiogenic switch in tumor cells the books also shed light on the heterogeneity of cytokines and chemokine in solid malignancies and their impact on tumor progression and therapeutic outcomes the chapters provide current information about the types of cytokine chemokine interactions in promoting cancer stem cell like characteristics epithelial to mesenchymal transition and modulation of the tumor microenvironment the significance of the complex interactions in cancer biology in the light of therapeutic resistance is also highlighted the chapters also describe recent advancements in the therapeutic potential of targeting the pro tumor cytokine and chemokine networks and limiting tumor cell metastasis finally the book also provides a comprehensive yet representative description of a large number of challenges associated with targeting these vital chemokine cytokine networks given its content the book provides valuable information for researchers in the field of cancer biology and molecular medicine

Encyclopedia of Food Microbiology

2014-04-02

written by the world s leading scientists and spanning over 400 articles in three volumes the encyclopedia of food microbiology second edition is a complete highly structured guide to current knowledge in the field fully revised and updated this encyclopedia reflects the key advances in the field since the first edition was published in 1999 the articles in this key work heavily illustrated and fully revised since the first edition in 1999 highlight advances in areas such as genomics and food safety to bring

users up to date on microorganisms in foods topics such as dna sequencing and e coli are particularly well covered with lists of further reading to help users explore topics in depth this resource will enrich scientists at every level in academia and industry providing fundamental information as well as explaining state of the art scientific discoveries this book is designed to allow disparate approaches from farmers to processors to food handlers and consumers and interests to access accurate and objective information about the microbiology of foods microbiology impacts the safe presentation of food from harvest and storage to determination of shelf life to presentation and consumption this work highlights the risks of microbial contamination and is an invaluable go to guide for anyone working in food health and safety has a two fold industry appeal 1 those developing new functional food products and 2 to all corporations concerned about the potential hazards of microbes in their food products

Saints, Sacrilege and Sediton

2014-04-23

eamon duffy publishes a book on the broad sweep of english reformation history including a study of late medieval religion and society

Cumulative Effects in Wildlife Management

2011-03-09

as humans continue to encroach on wildlands quality and quantity of wildlife habitat decreases before our eyes a housing development here a shopping mall there a few more trees cut here another road put in there each of these diminishes available habitat unless the cumulative effects of multiple simultaneous development projects are recognized and incorporated at the beginning of project development we will continue to see wildlife habitat disappear at unprecedented rates divided into two parts cumulative effects in wildlife management emphasizes the importance of recognizing cumulative effects and highlights the necessity of their bearing on future policy it begins with an outline of the differences between direct indirect and cumulative effects of anthropogenic impacts on wildlife habitat and addresses the similarities and differences in us and canadian policies legal and economic ramifications and the confusion that stems from lack of consideration communication and forward planning section 1 also describes the current standard means of quantifying cumulative effects as proposed by the council on environmental quality section 2 presents a series of case studies that deepen our appreciation of how anthropogenic influences interconnect and how this heightened level of understanding influences our ability to make informed decisions case studies include cumulative effects in the canadian arctic border issues with mexico suburban and exurban landscapes scenic resources and the cumulative impacts of energy development on sage grouse without a conscious knowledge of what is happening around us we will not be able to incorporate an effective land ethic and natural resources will be the ultimate loser cumulative effects in wildlife management brings to light the crucial connections between human expansion and habitat destruction for those managers and practitioners charged with protecting wildlife in the face of changing landscapes

Handbook of Meat, Poultry and Seafood Quality

2012-05-29

a great need exists for valuable information on factors affecting the quality of animal related products the second edition of handbook of meat poultry and seafood quality focuses exclusively on quality aspects of products of animal origin in depth discussions and recent developments in beef pork poultry and seafood quality updated sensory evaluation of different meat products revised microbiological aspects of different meat products also included are new chapters on packaging new chapters and discussion of fresh and frozen products new aspects of shelf life and recent developments in research of meat tainting this second edition is a single source for up to date and key information on all aspects of quality parameters of muscle foods is a must have the reader will have at hand in one focused volume covering key information on muscle foods quality

Nomad's Land

2019-12-01

during the nineteenth century the development and codification of forest science in france were closely linked to provence s time honored tradition of mobile pastoralism which formed a major part of the economy at the beginning of the century pastoralism also featured prominently in the economies and social traditions of north africa and southwestern anatolia until french forest agents implemented ideas and practices for forest management in these areas aimed largely at regulating and marginalizing mediterranean mobile pastoral traditions these practices changed not only landscapes but also the social order of these three mediterranean societies and the nature of french colonial administration in nomad s land andrea e duffy investigates the relationship between mediterranean mobile pastoralism and nineteenth century french forestry through case studies in provence french colonial algeria and ottoman anatolia by restricting the use of shared spaces foresters helped bring the populations of provence and algeria under the control of the state and french scientific forestry became a medium for state initiatives to sedentarize mobile pastoral groups in anatolia locals responded through petitions arson violence compromise and adaptation duffy shows that french efforts to promote scientific forestry both internally and abroad were intimately tied to empire building and paralleled the solidification of western narratives condemning the pastoral tradition leading to sometimes tragic outcomes for both the environment and pastoralists

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