

Medicine Journals List

Intelligence-Based Medicine: Data Science, Artificial Intelligence, and Human Cognition in Clinical Medicine and Healthcare provides a multidisciplinary and comprehensive survey of artificial intelligence concepts and methodologies with real life applications in healthcare and medicine. Authored by a senior physician-data scientist, the book presents an intellectual and academic interface between the medical and the data science domains that is symmetric and balanced. The content consists of basic concepts of artificial intelligence and its real-life applications in a myriad of medical areas as well as medical and surgical subspecialties. It brings section summaries to emphasize key concepts delineated in each section; mini-topics authored by world-renowned experts in the respective key areas for their personal perspective; and a compendium of practical resources, such as glossary, references, best articles, and top companies. The goal of the book is to inspire clinicians to embrace the artificial intelligence methodologies as well as to educate data scientists about the medical ecosystem, in order to create a transformational paradigm for healthcare and medicine by using this emerging new technology. Covers a wide range of relevant topics from cloud computing, intelligent agents, to deep reinforcement learning and internet of everything Presents the concepts of artificial intelligence and its applications in an easy-to-understand format accessible to clinicians and data scientists Discusses how artificial intelligence can be utilized in a myriad of subspecialties and imagined of the future Delineates the necessary elements for successful implementation of artificial intelligence in medicine and healthcare

Worldwide, liver fibrosis is a major cause of morbidity and mortality and is associated with a high medical and economic burden. It is the common consequence of chronic liver injury due to various etiologies. During fibrogenesis, there is a progressive substitution of the liver parenchyma by scar tissue. Recent advances in the understanding of the history of liver fibrosis have shown that the pathogenesis is driven by different cell types and a large variety of soluble mediators. At present, scientists working in this field aim to increase basic knowledge, improve diagnostics, and try to translate experimental findings into new treatment modalities. This book includes 12 selected contributions from the Special Issue "Cellular and Molecular Mechanisms Underlying the Pathogenesis of Hepatic Fibrosis" that was published in *Cells*. These articles summarize current perspectives and findings in hepatic fibrosis research showing how scientists try to use basic scientific research to create new therapies and diagnostics.

Recent advances in gastroenterology and hepatology as well as new findings in biliary and pancreatic diseases are presented in the proceedings of the 86th annual congress of the Japanese Society of Gastroenterology. From the hundreds of papers delivered at the congress, 70 were selected for inclusion here. Opening with special lectures on gastroenterology in the new millennium, ulcerative colitis-pathophysiology and therapy, and life style-related diseases and gastroenterology, the volume is divided into sections reflecting the major concerns of researchers in the science of digestive diseases in Japan today: apoptosis in digestive organs, nitric oxide, transcription factors in digestive organs, antigen-presenting cells, pathology of inflammatory bowel disease, NSAID-induced gastric lesions, microcirculation in digestive diseases, hepatic regeneration, and hepatic fibrosis.

In general, surgeons strive to achieve excellent results and ideal patient outcomes, however, this noble task is frequently failed. For patients, surgical complications are analogous to "friendly fire" in wartime. Both scenarios imply that harm is unintentionally done by somebody whose aim was to help. Interestingly, adverse events resulting from surgical interventions are more frequently related to system errors and a communication breakdown among providers, rather than to the imminent threat of the surgical blade "gone wrong". *Patient Safety in Surgery* aims to increase the safety and quality of care for patients undergoing surgical procedures in all fields of surgery. *Patient Safety in Surgery*, covers all aspects related to patient safety in surgery, including pertinent issues of interest to surgeons, medical trainees (students, residents, and fellows), nurses, anaesthesiologists, patients, patient families, advocacy groups, and medicolegal experts.???

Severe asthma is a form of asthma that responds poorly to currently available medication, and its patients represent those with greatest unmet needs. In the last 10 years, substantial progress has been made in terms of understanding some of the mechanisms that drive severe asthma; there have also been concomitant advances in the recognition of specific molecular phenotypes. This ERS Monograph covers all aspects of severe asthma – epidemiology, diagnosis, mechanisms, treatment and management – but has a particular focus on recent understanding of mechanistic heterogeneity based on an analytic approach using various 'omics platforms applied to clinically well-defined asthma cohorts. How these advances have led to improved management targets is also emphasised. This book brings together the clinical and scientific expertise of those from around the world who are collaborating to solve the problem of severe asthma.

This book constitutes the refereed proceedings of the 17th Conference on Artificial Intelligence in Medicine, AIME 2019, held in Poznan, Poland, in June 2019. The 22 revised full and 31 short papers presented were carefully reviewed and selected from 134 submissions. The papers are organized in the following topical sections: deep learning; simulation; knowledge representation; probabilistic models; behavior monitoring; clustering, natural language processing, and decision support; feature selection; image processing; general machine learning; and unsupervised learning.

This comprehensive and practical reference is the perfect resource for the medical specialist treating persons with spinal cord injuries. The book provides detail about all aspects of spinal cord injury and disease. The initial seven chapters present the history, anatomy, imaging, epidemiology, and general acute management of spinal cord injury. The next eleven chapters deal with medical aspects of spinal cord damage, such as pulmonary management and the neurogenic bladder. Chapters on rehabilitation are followed by nine chapters dealing with diseases that cause non-traumatic spinal cord injury. A comprehensive imaging chapter is included with 30 figures which provide the reader with an excellent resource to understand the complex issues of imaging the spine and spinal cord.

Evidence-Based Medicine Guidelines fills the demand for a handbook discussing the diagnosis and treatment of a wide range of diseases and conditions encountered by health care professionals. The title was first published in Finland by the Finnish Medical Society, where it is now considered to be the single most important support tool for the physicians' decision making in their daily work. What sets EBM Guidelines apart from competing books? Provides physicians with fast and easy access to practice guidelines based on the best available research evidence Covers practically all medical conditions encountered in general practice Developed by over 300 experienced general practitioners and specialists worldwide Includes both diagnostic and therapeutic guidelines, and recommendations on diagnostic tests and drug dosage Presented in a user-friendly format with self contained chapters based on clinical subjects Clear and concise explanations of all available evidence results in the guideline for treatment The strength of evidence is graded from A-D making this title a quick and easy reference whenever and wherever you need it! Assumes no prior knowledge of EBM or statistics - all the work of searching and appraisal has been done for you! Seeks to include guidelines where clinical evidence is incomplete or unavailable Contains full-colour photographs and tables throughout Easy-to-read and fast support at the point of care - EBM Guidelines: Summarises the best available evidence - Cochrane reviews - DARE abstracts - Clinical Evidence topics - original articles in medical journals - abstracts in the Health Technology Assessment Database - NHS Economic Evaluation Evaluates and grades the strength of all individual evidence from A (Strong research-based evidence) to D (No scientific evidence) Suggests guidelines based on clinical evidence. If clinical evidence is inadequate or missing, an expert panel evaluate all other available information and suggests the appropriate guideline With over 1000 problem-orientated or disease-specific guidelines including reference to evidence summaries for all guidelines, this title is the most extensive collection of guidelines for primary care today. Here are just a few examples of the raving reviews for Evidence-Based Medicine Guidelines: "An excellent resource... quick to use, even during consultations...very helpful to check whether our preferred diagnostic and therapeutic methods are adequate...competent

suggestions based on real evidence..." —Heinz Bhend, PRIMARY CARE "clinically useful answers...easy-to-read ...this resource is worth using..." —Carl Heneghan, Centre for Evidence-Based Medicine, Oxford, UK, EVIDENCE-BASED MEDICINE Journal

The use of mobile devices in medical care settings and by wellness professionals has influenced and changed many aspects of clinical practice. Mobile devices have become ubiquitous in these settings, leading to rapid growth in the development of medical apps. Contemporary Applications of Mobile Computing in Healthcare Settings is a critical scholarly resource that explores the benefits of using mobile devices and apps in the medical field and examines the shortcomings in the validation practices regarding these technologies. Featuring coverage on a wide range of topics such as smart healthcare, patient surveillance, and body fitness monitoring, this book is geared toward academicians, nurses, medical professionals, practitioners, and students seeking current research on the quality and safety of the apps currently available for use by medical care professionals.

Alphabetical listing of all journals currently screened by full journal titles. Each entry gives abbreviated journal title, CODEN code, ISSN number, publisher, and country of publication. Contains a classification list of priority journals.

Originally published in 1992 Medical Journals and Medical Knowledge examines both broad developments in print and media and the practice of particular journals such as the British Medical Journal. The book is the first study to address these questions and to examine the impact of regular news on the making of the medical community. The book considers the rise of the medical press, and looks at how it recorded and described principal developments and so promoted medical science and enhanced medical consciousness. This book was a seminal work when first published and was one of the first to consider the importance of the roots of medical journalism, editorial practices and the ways in which the medical journalism altered the world of medicine.

It is a turbulent time for STM publishing. With moves towards open access to scientific literature, the future of medical journals is uncertain and unpredictable. This is the only book of its kind to address this problematic issue. Richard Smith, a previous editor of the British Medical Journal for twenty five years and one of the most influential people within medical journals and medicine depicts a compelling picture of medical publishing. Drawn from the author's own extensive and unrivalled experience in medical publishing, Smith provides a refreshingly honest analysis of current and future trends in journal publishing including peer review, ethics in medical publishing, the influence of the pharmaceutical industry as well as that of the mass media, and the risk that money can cloud objectivity in publishing. Full of personal anecdotes and amusing tales, this is a book for everyone, from researcher to patient, author to publisher and editor to reader. The controversial and highly topical nature of this book, will make uncomfortable reading for publishers, researchers, funding bodies and pharmaceutical companies alike making this useful resource for anyone with an interest in medicine or medical journals. Topic covered include: Libel and medical journals; Patients and medical journals; Medical journals and the mass media; Medical journals and pharmaceutical companies: uneasy bedfellows; Editorial independence; misconduct; and accountability; Ethical support and accountability for journals; Peer review: a flawed process and Conflicts of interest: how money clouds objectivity. This is a unique offering by the former BMJ editor- challenging, comprehensive and controversial. This must be the most controversial medical book of the 21st Century John Illman, MJA News Lively, full of anecdote and he [Smith] is brutally honest British Journal of Hospital Medicine

***** Please note that the reference to Arup Banerjee on page 100 of this book should be to Anjan Banerjee. We apologise to Professor Arup Banerjee for this oversight. *****

With an emphasis on peer-produced content and collaboration, Wikipedia exemplifies a departure from traditional management and organizational models. This iconic "project" has been variously characterized as a hive mind and an information revolution, attracting millions of new users even as it has been denigrated as anarchic and plagued by misinformation. Have Wikipedia's structure and inner workings promoted its astonishing growth and enduring public relevance? In Common Knowledge?, Dariusz Jemielniak draws on his academic expertise and years of active participation within the Wikipedia community to take readers inside the site, illuminating how it functions and deconstructing its distinctive organization. Against a backdrop of misconceptions about its governance, authenticity, and accessibility, Jemielniak delivers the first ethnography of Wikipedia, revealing that it is not entirely at the mercy of the public: instead, it balances open access and power with a unique bureaucracy that takes a page from traditional organizational forms. Along the way, Jemielniak incorporates fascinating cases that highlight the tug of war among the participants as they forge ahead in this pioneering environment.

Medical Journals and Medical Knowledge Historical Essays Routledge

A comprehensive, systematic, and advanced review of the scientific, preclinical, and clinical aspects of several major mental illnesses. The illnesses covered range from neurological disorders including Alzheimer's disease, Huntington's disease, and Parkinson's disease, to psychiatric disorders including schizophrenia, autism spectrum disorders, Tourette's syndrome and tic disorders, obsessive-compulsive disorder, unipolar depression, bipolar disorder, and attention deficit hyperactivity disorder. For each disorder, the authors uniformly discuss its incidence and prevalence, etiology, molecular targets and mechanisms of action, brain structures and pathways, animal models, signs and symptoms, genetics, treatments, and related medical terminology.

This highly illustrated, step-by-step guide gives detailed instructions for dozens of different manipulation techniques, covering all levels of the spine, thorax, and pelvis. It also includes a helpful overview of the principles and theory of spinal manipulation and its use in clinical practice. The accompanying DVD contains video clips demonstrating the techniques described in the book. The new edition is a highly illustrated, step-by-step guide to 41 manipulation techniques commonly used in clinical practice. The book also provides the related theory essential for safe and effective use of manipulation techniques.

Issues for 1977-1979 include also Special List journals being indexed in cooperation with other institutions. Citations from these journals appear in other MEDLARS bibliographies and in MEDLING, but not in Index medicus.

Free Radicals in Biology and Medicine has become a classic text in the field of free radical and antioxidant research. Now in its fifth edition, the book has been comprehensively rewritten and updated whilst maintaining the clarity of its predecessors. Two new chapters discuss 'in vivo' and 'dietary' antioxidants, the first emphasising the role of peroxiredoxins and integrated defence mechanisms which allow useful roles for ROS, and the second containing new information on the role of fruits, vegetables, and vitamins in health and disease. This new edition also contains expanded coverage of the mechanisms of oxidative damage to lipids, DNA, and proteins (and the repair of such damage), and the roles played by reactive species in signal transduction, cell survival, death, human reproduction, defence mechanisms of animals and plants against pathogens, and other important biological events. The methodologies available to measure

reactive species and oxidative damage (and their potential pitfalls) have been fully updated, as have the topics of phagocyte ROS production, NADPH oxidase enzymes, and toxicology. There is a detailed and critical evaluation of the role of free radicals and other reactive species in human diseases, especially cancer, cardiovascular, chronic inflammatory and neurodegenerative diseases. New aspects of ageing are discussed in the context of the free radical theory of ageing. This book is recommended as a comprehensive introduction to the field for students, educators, clinicians, and researchers. It will also be an invaluable companion to all those interested in the role of free radicals in the life and biomedical sciences.

This book covers all the pharmacology you need, from basic science pharmacology and pathophysiology, through to clinical pharmacology to therapeutics, in line with the integrated approach of new medical curricula. The first section covers the basic principles, and the rest is organised by body systems. The book ends with sections on toxicity and prescribing practice. Integrates basic science pharmacology, clinical pharmacology and therapeutics Brief review of pathophysiology of major diseases Case histories and multiple choice questions (and answers) Tabular presentation of all common drugs within each class Section on further reading Kinetics chapter simplified with more practical examples Includes more on genetic issues Drug tables made more concise to make information more accessible Fully updated to reflect current clinical practice

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