

Circulation Journal Authors Instructions

In *State of the Heart*, Dr. Haider Warraich takes readers inside the ER, inside patients' rooms, and inside the history and science of cardiac disease. *State of the Heart* traces the entire arc of the heart, from the very first time it was depicted on stone tablets, to a future in which it may very well become redundant. While heart disease has been around for a while, the type of heart disease people have, why they have it, and how it's treated is changing. Yet, the golden age of heart science is only just beginning. And with treatments of heart disease altering the very definitions of human life and death, there is no better time to look at the present and future of heart disease, the doctors and nurses who treat it, the patients and caregivers who live with it, and the stories they hold close to their chests. More people die of heart disease than any other disease in the world and when any form of heart disease progresses, it can result in the development of heart failure. Heart failure affects millions and can affect anyone at anytime, a child recovering from a viral infection, a woman who has just given birth or a cancer patient receiving chemotherapy. Yet new technology to treat heart failure is fundamentally changing just what it means to be human. Mechanical pumps can be surgically sown into patients' hearts and when patients with these pumps get really sick, sometimes they don't need a doctor or a surgeon—they need a mechanic. In *State of the Heart*, the journey to rid the world of heart disease is shown to be reflective of the

journey of medical science at large. We are learning not only that women have as much heart disease as men, but that the type of heart disease women experience is diametrically different from that in men. We are learning that heart disease and cancer may have more in common than we could have imagined. And we are learning how human evolution itself may have led to the epidemic of heart disease. In understanding how our knowledge of the heart evolved, *State of the Heart* traces the twisting and turning road that science has taken—filled with potholes and blind turns—all the way back to its very origin.

The cause of diabetes mellitus is metabolic in origin. However, its major clinical manifestations, which result in most of the morbidity and mortality, are a result of its vascular pathology. In fact, the American Heart Association has recently stated that, “from the point of view of cardiovascular medicine, it may be appropriate to say, diabetes is a cardiovascular disease” (1). But diabetic vascular disease is not limited to just the macrovasculature. Diabetes mellitus also affects the microcirculation with devastating results, including nephropathy, neuropathy, and retinopathy. Diabetic nephropathy is the leading cause of end-stage renal disease in the United States, while diabetic retinopathy is the leading cause of new-onset blindness in working-age Americans. The importance of this text on Diabetes and Cardiovascular Disease is evident by the magnitude of the population affected by diabetes mellitus. Over 10 million Americans have been diagnosed with diabetes mellitus, while another 5 million

remain undiagnosed. The impact from a public health perspective is huge and increasing. As the population of the United States grows older, more sedentary, and obese, the risk of developing diabetes and its complications will increase.

Epidemiological studies have identified diabetes mellitus as a major independent risk factor for cardiovascular disease. Over 65% of patients with diabetes mellitus die from a cardiovascular cause. The prognosis of patients with diabetes mellitus who develop overt clinical cardiovascular disease is much worse than those cardiovascular patients free of diabetes mellitus.

Written from the perspective of the cardiac surgeon, this text encompasses the operative experience and research of the authors as it relates to the aorta and aortic surgery. Co-authored by the late Dr. Crawford, the world's most renowned cardio-aortic and aortic surgeon, this book provides the various original techniques that he has experienced in his over 6900 aortic procedures. Sections include diseases of the heart and aorta, preoperative evaluation, anesthesia, pathophysiology, operative technique, complications, statistical analyses, and long term management. Reviews anatomy and physiology as well as the pertinent genetics, etiology, pathophysiology, and biochemistry needed to understand the full spectrum of aortic diseases, including connective tissue disorders such as the Marfan syndrome. Describes all disorders that affect this body area--including not only aortic aneurysms and aortic dissection, but also congenital malformations, trauma, occlusal diseases, tumors, inflammatory diseases,

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and bacterial infections. Covers CT scans, MRI, TEE, and other studies used in the diagnosis of aortic disease, plus evaluation for cardiac disease and respiratory function prior to surgery. Details today's best medical treatment options. Provides step-by-step descriptions of all current operative techniques for performing composite valve graft, tube graft, aortoplasty, aortic arch replacement, and many other procedures, as well as anesthesia. Discusses a wide variety of possible complications and offers recommendations for their prevention. Presents statistical analyses of the most recent data available on the results of aortic surgery, and provides guidelines for long-term management. Features more than 650 superb illustrations depicting patient case histories and operative technique.

The New England Journal of Medicine is one of the most important general medical journals in the world. Doctors rely on the conclusions it publishes, and most do not have the time to look beyond abstracts to examine methodology or question assumptions. Many of its pronouncements are conveyed by the media to a mass audience, which is likely to take them as authoritative. But is this trust entirely warranted? Theodore Dalrymple, a doctor retired from practice, turned a critical eye upon a full year of the Journal, alert to dubious premises and to what is left unsaid. In *False Positive*, he demonstrates that many of the papers it publishes reach conclusions that are not only flawed, but obviously flawed. He exposes errors of reasoning and conspicuous omissions apparently undetected by the editors. In some cases, there is reason to

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suspect actual corruption. When the Journal takes on social questions, its perspective is solidly politically correct. Practically no debate on social issues appears in the printed version, and highly debatable points of view go unchallenged. The Journal reads as if there were only one possible point of view, though the American medical profession (to say nothing of the extensive foreign readership) cannot possibly be in total agreement with the stances taken in its pages. It is thus more megaphone than sounding board. There is indeed much in the New England Journal of Medicine that deserves praise and admiration. But this book should encourage the general reader to take a constructively critical view of medical news and to be wary of the latest medical doctrines.

This volume describes over 200 social work journals, arranged by subject, and includes the journal descriptions and detailed information for each title. Each entry includes information such as: current or previous title; editorial focus; special or themes issues; where the titles has been indexed or abstracted; circulation data; frequency of publication; submission guidelines and format; review process; acceptance rate for articles; reprint policies; email addresses and websites -- and much more--Back cover.

"Over 350 profiles of scholarly journals in nursing and related fields." Intended to provide information for nurses and others writing for nursing audience. Alphabetical arrangement by journal titles; entries give such information as types of articles acceptable, review procedure, and acceptance rate. Subject, title, and keyword index. This second edition text is designed to prepare nursing students to be advocates

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for the aging population in all practice settings. Information on demographics, active and dependent aging, and leadership and management skills has been expanded. More ethical issues are also covered in this edition, such as living wills, guardianship, and power of attorney. An instructor's guide is also available. Challenges for the treatment of valvular heart disease include the growing need for effective yet less invasive interventions and therapies to treat these progressive conditions. With the development of potential new treatments, it is crucial for cardiac physicians to be well informed on the pathophysiology, assessment, treatment options and their outcomes of valvular diseases. Written by a highly experienced and internationally recognized group of cardiologists, cardiac surgeons, and researchers, Valvular Heart Disease offers insights into the widely varying hemodynamic effects and clinical course of heart valve conditions, as well as the contemporary management of these conditions. Offering a broad perspective on these diseases, Valvular Heart Disease expands on the recent guidelines developed by the major heart societies in the United State and Europe.

The Publication Manual of the American Psychological Association is the style manual of choice for writers, editors, students, and educators in the social and behavioral sciences, nursing, education, business, and related disciplines.

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The Anarchist Cookbook will shock, it will disturb, it will provoke. It places in historical perspective an era when "Turn on, Burn down, Blow up" are revolutionary slogans of the day. Says the author "This book... is not written for the members of fringe political groups, such as the Weatherman, or The Minutemen. Those radical groups don't need this book. They already know everything that's in here. If the real people of America, the silent majority, are going to survive, they must educate themselves. That is the purpose of this book." In what the author considers a survival guide, there is explicit information on the uses and effects of drugs, ranging from pot to heroin to peanuts. There is detailed advice concerning electronics, sabotage, and surveillance, with data on everything from bugs to scramblers. There is a comprehensive chapter on natural, non-lethal, and lethal weapons, running the gamut from cattle prods to sub-machine guns to bows and arrows.

Fidelity, Hallmark, Michelin, and Wal-Mart are renowned industry powerhouses with long leadership track records. Yet these celebrated companies are united by another factor not generally equated with competitive success: They are all family-controlled businesses. While many view the hallmarks of family businesses—stable strategies, clan cultures, and unencumbered family ownership—as weaknesses, Danny Miller and Isabelle Le Breton-Miller argue that

it is these very characteristics that create formidable competitive advantages for many such firms. *Managing for the Long Run* draws from a worldwide study of enduring, family-run organizations—including Cargill, Timken, L.L. Bean, The New York Times, and IKEA—to reveal their unconventional success strategies and how these strategies can be adopted and applied in any organization. Miller and Le Breton-Miller show how four driving passions of family-run firms—command, continuity, community, and connection—give rise to a set of practices that defy modern management thinking yet ensure a company's long term competitive advantage. Outlining how these practices can enhance strategic efforts from operations to brand leadership to innovation, this book shows what every company must do to manage for the long run.

A practical and evidence-based guide for student, pre-registration and qualified pharmacists *Symptoms in the Pharmacy* is an indispensable guide to the management of common symptoms seen in the pharmacy. With advice from an author team that includes both pharmacists and GPs, the book covers ailments which will be encountered in the pharmacy on a daily basis. Now in its sixth edition *Symptoms in the Pharmacy* has been fully revised to reflect the latest evidence and availability of new medicines. There are new sections and case studies for 'POM' to 'P' switches including chloramphenicol, sumatriptan,

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diclofenac, naproxen and amorolfine. This edition features colour photographs of skin conditions for the first time enabling the differentiation and diagnosis of common complaints. The public health and illness prevention content have been expanded to support this increasingly important aspect of the pharmacist's work. The book is designed for quick and easy reference with separate chapters for each ailment. Each chapter incorporates a decisionmaking framework in which the information necessary for treatment and suggestions on 'when to refer' is distilled into helpful summary boxes. At the end of each chapter there are example case studies providing the view of pharmacists, doctors and patients for most conditions covered. These easy-to-follow chapters can be read cover to cover or turned to for quick reference. This useful guide should be kept close at hand for frequent consultation.

This book, first published in 1982, focuses on providing information about the policies and practices surrounding the preparation and submitting of articles to the major journals in library and information science. This guide includes all the major American, Canadian, British, and international professional journals that solicit, accept and publish articles in the field.

Information for prospective authors to 261 journals selected for coverage in 76 "preferred content areas." Each entry gives address, cost, secondary tools,

circulation, types of articles, and content areas. Subject, title, and keyword indexes.

Submission. Annotation ©2004 Book News, Inc., Portland, OR (booknews.com). Awarded Best Reference by the New York Public Library (2004), Outstanding Academic Title by CHOICE (2003), and AAP/PSP 2003 Best Single Volume Reference/Sciences by Association of American Publishers' Professional Scholarly Publishing Division, the first edition of Encyclopedia of Insects was acclaimed as the most comprehensive work devoted to insects. Covering all aspects of insect anatomy, physiology, evolution, behavior, reproduction, ecology, and disease, as well as issues of exploitation, conservation, and management, this book sets the standard in entomology. The second edition of this reference will continue the tradition by providing the most comprehensive, useful, and up-to-date resource for professionals. Expanded sections in forensic entomology, biotechnology and Drosophila, reflect the full update of over 300 topics. Articles contributed by over 260 high profile and internationally recognized entomologists provide definitive facts regarding all insects from ants, beetles, and butterflies to yellow jackets, zoraptera, and zygentoma. * 66% NEW and revised content by over 200 international experts * New chapters on Bedbugs, Ekbom Syndrome, Human History, Genomics, Vinegaroons * Expanded sections on

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insect-human interactions, genomics, biotechnology, and ecology * Each of the 273 articles updated to reflect the advances which have taken place in entomology research since the previous edition * Features 1,000 full-color photographs, figures and tables * A full glossary, 1,700 cross-references, 3,000 bibliographic entries, and online access save research time * Updated with online access

Interfacial Phenomena examines the fundamental properties of various liquid interfaces. This book discusses the physics of surfaces; electrostatic and electrokinetic phenomena; and adsorption at liquid interfaces. The properties of monolayers; reactions at liquid surfaces; diffusion through interfaces; and disperse systems and adhesion are also deliberated. Other topics include the vapor pressures over curved surfaces; electrical capacity of the double layer; applications of electrophoresis; and thermodynamics of adsorption and desorption. The experimental methods of spreading films at the oil-water interface; penetration into monolayers; experiments on dynamic systems; and spontaneous emulsification are likewise covered in this text. This book is beneficial to chemical engineers and students concerned with interfacial phenomena.

Provides immediate help for anyone preparing a biomedical paper by givin

specific advice on organizing the components of the paper, effective writing techniques, writing an effective results sections, documentation issues, sentence structure and much more. The new edition includes new examples from the current literature including many involving molecular biology, expanded exercises at the end of the book, revised explanations on linking key terms, transition clauses, uses of subheads, and emphases. If you plan to do any medical writing, read this book first and get an immediate advantage.

Alcohol Explained is the definitive, ground-breaking guide to alcohol and alcohol addiction. It explains how alcohol affects human beings on a chemical, physiological and psychological level, from our first drinks right up to chronic alcoholism. Despite being entirely scientific and factual in nature the book is presented in an accessible and easily understandable format. For those with an alcohol problem it will explain why they have a problem and what they can do about it. For those who are unsure whether they have a problem or not it provides them with firm guidance. For those who have someone close to them who has an alcohol problem it will help them to understand what that person is going through, how they ended up where they are, and what they can do to help them. However this is not just a book for people with links to problem drinking, it is compulsive reading for anyone who has ever, or will ever, drink an alcoholic

drink. How many people have inadvertently drunk too much on occasion? Virtually every drinker on the planet has done that! But how many people have actually stopped to think why? There is in fact a logical, scientific explanation for this phenomenon, it is fully and simply explained in this book. Even for those who have never imbibed alcohol this book provides a fascinating insight into addiction generally and, more specifically, into a substance that has pervaded our society to such a great extent that it is now an integral part of our culture.

In *Neurotrauma and Critical Care of the Brain*, leading clinicians present widely accepted guidelines and evidence-based practices for the management of patients with traumatic brain injury. Divided into five main sections, the book guides the clinician through the science, management, critical care, outcomes, and important socioeconomic issues relevant to patient care. **Special Features:** Offers the valuable team approach and recommendations of renowned surgeons, clinicians, rehabilitation specialists, and researchers Includes guidelines for injuries ranging from mild to moderate, severe, and penetrating, and for treating brain injury in children Covers the related intensive care issues of neurologic, pulmonary, cardiovascular, and infection management and nutrition and fluid control Reviews fundamental science concepts, including pathophysiology, monitoring and imaging, biomarkers and classification systems for brain injury

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Provides hundreds of concise summary tables and illustrations to help digest complex information Discusses ethics and important end-of-life issues With an integrated management approach to injury and rehabilitation that goes well beyond initial surgery, Neurotrauma and Critical Care of the Brain will enable neurosurgeons, neurologists, physicians in trauma, critical care, and rehabilitation medicine, and residents in these specialties to optimize patient care and outcomes. It is also useful as a guide for board exam preparation. The companion volume to this book is Neurotrauma and Critical Care of the Spine. The Elements of Style is an American English writing style guide in numerous editions. The original was composed by William Strunk Jr. in 1918, and published by Harcourt in 1920, comprising eight "elementary rules of usage", ten "elementary principles of composition", "a few matters of form", a list of 49 "words and expressions commonly misused", and a list of 57 "words often misspelled". E. B. White greatly enlarged and revised the book for publication by Macmillan in 1959. That was the first edition of the so-called Strunk & White, which Time named in 2011 as one of the 100 best and most influential books written in English since 1923.

A respected resource for decades, the Guide for the Care and Use of Laboratory Animals has been updated by a committee of experts, taking into consideration

input from the scientific and laboratory animal communities and the public at large. The Guide incorporates new scientific information on common laboratory animals, including aquatic species, and includes extensive references. It is organized around major components of animal use: Key concepts of animal care and use. The Guide sets the framework for the humane care and use of laboratory animals. Animal care and use program. The Guide discusses the concept of a broad Program of Animal Care and Use, including roles and responsibilities of the Institutional Official, Attending Veterinarian and the Institutional Animal Care and Use Committee. Animal environment, husbandry, and management. A chapter on this topic is now divided into sections on terrestrial and aquatic animals and provides recommendations for housing and environment, husbandry, behavioral and population management, and more. Veterinary care. The Guide discusses veterinary care and the responsibilities of the Attending Veterinarian. It includes recommendations on animal procurement and transportation, preventive medicine (including animal biosecurity), and clinical care and management. The Guide addresses distress and pain recognition and relief, and issues surrounding euthanasia. Physical plant. The Guide identifies design issues, providing construction guidelines for functional areas; considerations such as drainage, vibration and noise control, and

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environmental monitoring; and specialized facilities for animal housing and research needs. The Guide for the Care and Use of Laboratory Animals provides a framework for the judgments required in the management of animal facilities. This updated and expanded resource of proven value will be important to scientists and researchers, veterinarians, animal care personnel, facilities managers, institutional administrators, policy makers involved in research issues, and animal welfare advocates.

The fourth edition provides standard information such as editorial focus, special issues, where indexed and abstracted, circulation, and acceptance rates. New foreign titles, e-mail addresses, and home page URLs are new features that give the users even more access to journal publishing.

An elegant and wide-ranging 2006 study of the precolonial kingdom of Bugunda, nucleus of modern Uganda.

Service engineering is increasingly posing challenges to traditional software engineering methodologies including specification, modeling, architecture, and verification, just to name a few. On the other hand, the latest advancements in software engineering are continuously leveraged in Service Engineering research, especially in the design and implementation of service-oriented systems. Several mutual impacts between service engineering and software engineering could be observed in the last decade, and many research efforts have been devoted to the field. However, in spite of the considerable efforts and significant contributions,

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few have attempted to summarize the research results systematically.

This book features information of importance to those who write legal materials.

This concise and accessible text provides an integrated overview of the cardiovascular system - considering the basic sciences which underpin the system and applying this knowledge to clinical practice and therapeutics. A general introduction to the cardiovascular system is followed by chapters on key topics such as anatomy and histology, blood and body fluids, biochemistry, excitation-contraction coupling, form and function, integration and regulation, pathology and therapeutics, clinical examination and investigation - all supported by clinical cases for self-assessment. Highly visual colour illustrations complement the text and consolidate learning. The Cardiovascular System at a Glance is the perfect introduction and revision aid to understanding the heart and circulation and now also features: An additional chapter on pulmonary hypertension Even more simplified illustrations to aid easier understanding Reorganized and revised chapters for greater clarity Brand new and updated clinical case studies illustrating clinical relevance and for self-assessment The fourth edition of The Cardiovascular System at a Glance is an ideal resource for medical students, whilst students of other health professions and specialist cardiology nurses will also find it invaluable. Examination candidates who need an authoritative, concise, and clinically relevant guide to the cardiovascular system will find it extremely useful. A companion website featuring cases from this and previous editions, along with additional summary revision aids, is available at www.ataglanceseries.com/cardiovascular.

Genomic and Precision Medicine: Translation and Implementation highlights the various points along the continuum from health to disease where genomic information is impacting clinical

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decision-making and leading to more personalization of health care. The book pinpoints the challenges, barriers, and solutions that have been, or are being, brought forward to enable translation of genome based technologies into health care. A variety of infrastructure (data systems and EMRs), policy (regulatory, reimbursement, privacy), and research (comparative effectiveness research, learning health system approaches) strategies are also discussed. Readers will find this volume to be an invaluable resource for the translational genomics and implementation science that is required to fully realize personalized health care. Provides a comprehensive volume on the translation and implementation of biology into health care provision Presents succinct commentary and key learning points that will assist readers with their local needs for translation and implementation Includes an up-to-date overview on major 'translational events' in genomic and personalized medicine, along with lessons learned

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