

## 2012 Impact Factor Of Journals

Management science in engineering (MSE) is playing an increasingly important role in modern society. In particular, the development of efficient and innovative managerial tools has significantly influenced the research progress of management science. As research is vital for the propagation of leading-edge methods, journal evaluation and classification are critical for scientists, researchers, engineers, practitioners, and graduate students. This book identifies the main research categories of MSE, and evaluates and classifies each MSE journal. It represents the outcome of joint efforts from scientific board members, research fellows, and members of various professional societies. It is ideal for scientists, researchers, practitioners, engineers, graduate students and upper-level undergraduates in engineering management, civil engineering, industrial engineering, environmental engineering, energy engineering, information engineering, and agricultural engineering.

The creation of a sustainable and accessible higher education systems is a pivotal goal in modern society. Adopting strategic frameworks and innovative techniques allows institutions to achieve this objective. The Handbook of Research on Administration, Policy, and Leadership in Higher Education is an authoritative reference source for the latest scholarly research on contemporary management issues in educational institutions and presents best practices to improve policies and retain effective governance. Addressing the current state of higher education at an international level, this book is ideally designed for academicians, educational administrators, researchers, and professionals.

The world of the academic journal continues to be one of radical change. A follow-up volume to the first edition of the Future of the Academic Journal, this book is a significant contribution to the debates around the future of journals publishing. The book takes an international perspective and looks ahead at how the industry will continue to develop over the next few years. With contributions from leading academics and industry professionals, the book provides a reliable and impartial view of this fast-changing area. The book includes various discussions on a range of journals, including the influence of business models and the growth of journals publishing, open access and academic libraries, as well as journals published in Asia, Africa and South America. Looks at a fast moving and vital area for academics and publishers contains contributions from leading international figures from universities and publishers

Scientific communication depends primarily on publishing in journals. The most important indicator to determine the influence of a journal is the Impact Factor. Since this factor only measures the average number of citations per article in a certain time window, it can be argued that it does not reflect the actual value of a periodical. This book defines five dimensions, which build a framework for a multidimensional method of journal evaluation. The author is winner of the Eugene Garfield Doctoral Dissertation Scholarship 2011.

A Critical Guide

The SSCI Syndrome in Higher Education

Scholarly Communication in Southern Africa

How to STEM

Research Anthology on Decision Support Systems and Decision Management in Healthcare, Business, and Engineering

Developments in Management Science in Engineering 2017

Backgrounds, Concepts, Strategies

**Are you looking for a blank lined journal or notebook for yourself, your friend or your coworker? Grab this Trendy and Vintage Journal for anyone that you know that enjoys writing! Better yet, grab it for yourself! This perfect funny notebook for kids and adults is a great way to keep track of your goals, dreams and aspirations! Be grateful and empowered with this awesome lined notebook. These Journals are are 108 page blank lined journals that come with a matte finished cover, white pages, and in a 6" x 9" size. It is a great way to write down your daily or weekly notes. It is the perfect birthday gift from family members or friends as a way to write down and make continuous progress. Be sure to check out my other great scrapbooks, journals and unique gift ideas by clicking my author name, Daniel Timothy.**

**Bone stress injuries are commonly seen in athletes and active individuals across a full spectrum of physical activity, age, and gender. While most overuse injuries can be addressed through non-operative care, injuries may progress to full fractures that require surgery if misdiagnosed or not correctly managed. Written by leaders in sports medicine including physical medicine and rehabilitation, orthopaedics, endocrinology and allied health professionals of biomechanics, physical therapy and dietetics, Bone Stress Injuries offers state-of-the-art guidelines and up-to-date science and terminology to practitioners. Using a holistic approach to understand the management of bone stress injuries, this book highlights specific considerations by injury, gender, and risk factor to ensure that a comprehensive treatment plan can be developed to optimize bone health, neuromuscular re-education, gait mechanics, and injury prevention. Organized into four parts, opening chapters cover the general need-to-know topics, including clinical history, imaging, and risk factors including biological and biomechanical factors. The book proceeds anatomically through the body from upper extremity to foot and ankle injuries, with each chapter underscoring diagnostic and treatment strategies specific to that region. Chapters dedicated to special populations discuss the differences in injury evaluation and management according to age, gender, and military background. Final chapters review the prevention of injuries and examine both common and novel treatment strategies, such as medications, nutrition, gait retraining, orthobiologics, and other interventions. Invaluable in its scope and approach, Bone Stress Injuries is the go-to resource for sports medicine physicians, physiatrists, and primary care providers who manage the care of athletes and individuals leading active lifestyles. Key Features: Promotes evidence-based practice for diagnosis, treatment, and prevention of bone stress injuries Covers specific anatomy that is prone to bone stress injuries with dedicated chapters on upper and lower extremities, pelvis and hip, spine, and foot and ankle Considers evaluation and management differences according to specific populations of pediatric, male, female, and military personnel Discusses emerging strategies to treat bone stress injuries, such as gait retraining, orthobiologics, and other non-pharmacological treatments**

**Springer Handbook of Science and Technology Indicators**Springer Nature

**This book constitutes the refereed proceedings of the 20th International Conference on Asia-Pacific Digital Libraries, ICADL 2018, held in Hamilton, New Zealand, in November 2018. The 20 full, 6 short, and 11 work in progress papers presented in this volume were carefully reviewed and selected from 77 submissions. The papers were organized in topical sections named: topic modeling and semantic analysis; social media, web, and news; heritage and localization; user experience; digital library technology; and use cases and digital librarianship.**

**The Policies and Politics of Interdisciplinary Research**

**Demystifying the Institutional Repository for Success**

**The Metric Tide**

**Maturity and Innovation in Digital Libraries**

**Beyond Bibliometrics**

**Handbook of Research on Scholarly Publishing and Research Methods**

**American Association for the Surgery of Trauma 75th Anniversary 1938-2013**

This handbook presents the state of the art of quantitative methods and models to understand and assess the science and technology system. Focusing on various aspects of the development and application of indicators derived from data on scholarly publications, patents and electronic communications, the individual chapters, written by leading experts, discuss theoretical and methodological issues, illustrate applications, highlight their policy context and relevance, and point to future research directions. A substantial portion of the book is dedicated to detailed descriptions and analyses of data sources, presenting both traditional and advanced approaches. It addresses the main bibliographic metrics and indexes, such as the journal impact factor and the h-index, as well as almetric and webometric indicators and science mapping techniques on different levels of aggregation and in the context of their value for the assessment of research performance as well as their impact on research policy and society. It also presents and critically discusses various national research evaluation systems. Complementing the sections reflecting on the science system, the technology section includes multiple chapters that explain different aspects of patent statistics, patent classification and database search methods to retrieve patent-related information. In addition, it examines the relevance of trademarks and standards as additional technological indicators. The Springer Handbook of Science and Technology Indicators is an invaluable resource for practitioners, scientists and policy makers wanting a systematic and thorough analysis of the potential and limitations of the various approaches to assess research and research performance.

African scholarly research is relatively invisible globally because even though research production on the continent is growing in absolute terms, it is falling in comparative terms. In addition, traditional metrics of visibility, such as the Impact Factor, fail to make legible all African scholarly production. Many African universities also do not take a strategic approach to scholarly communication to broaden the reach of their scholars work. To address this challenge, the Scholarly Communication in Africa Programme (SCAP) was established to help raise the visibility of African scholarship by mapping current research and communication practices in Southern African universities and by recommending and piloting technical and administrative innovations based on open access dissemination principles. To do this, SCAP conducted extensive research in four faculties at the Universities of Botswana, Cape Town, Mauritius and Namibia.

Decision support systems (DSS) are widely touted for their effectiveness in aiding decision making, particularly across a wide and diverse range of industries including healthcare, business, and engineering applications. The concepts, principles, and theories of enhanced decision making are essential points of research as well as the exact methods, tools, and technologies being implemented in these industries. From both a standpoint of DSS interfaces, namely the design and development of these technologies, along with the implementations, including experiences and utilization of these tools, one can get a better sense of how exactly DSS has changed the face of decision making and management in multi-industry applications. Furthermore, the evaluation of the impact of these technologies is essential in moving forward in the future. The Research Anthology on Decision Support Systems and Decision Management in Healthcare, Business, and Engineering explores how decision support systems have been developed and implemented across diverse industries through perspectives on the technology, the utilizations of these tools, and from a decision management standpoint. The chapters will cover not only the interfaces, implementations, and functionality of these tools, but also the overall impacts they have had on the specific industries mentioned. This book also evaluates the effectiveness along with benefits and challenges of using DSS as well as the outlook for the future. This book is ideal for decision makers, IT consultants and specialists, software developers, design professionals, academicians, policymakers, researchers, professionals, and students interested in how DSS is being used in different industries.

At last, the first systematic guide to the growing jungle of citation indices and other bibliometric indicators. Written with the aim of providing a complete and unbiased overview of all available statistical measures for scientific productivity, the core of this reference is an alphabetical dictionary of indices and other algorithms used to evaluate the importance and impact of researchers and their institutions. In 150 major articles, the authors describe all indices in strictly mathematical terms without passing judgement on their relative merit. From widely used measures, such as the journal impact factor or the h-index, to highly specialized indices, all indicators currently in use in the sciences and humanities are described, and their application explained. The introductory section and the appendix contain a wealth of valuable supporting information on data sources, tools and techniques for bibliometric and scientometric analysis - for individual researchers as well as their funders and publishers.

Research Methods for Engineers

Routeledge Handbook of European Sociology

Complexities in Colorectal Surgery

Handbook of Bibliometric Indicators

Encyclopedia of Information Science and Technology, Third Edition

The Hardware, Software and Heart of It

Research Methods: Concepts, Methodologies, Tools, and Applications

Competition to publish in the top journals is fierce. This book provides entrepreneurship researchers with relevant material and insights to support them in their efforts to publish their research in the most prestigious entrepreneurship outlets. **Are**

Interdisciplinary research centers are blooming in almost every university, and interdisciplinary research is expected to be a cure-all for the ills of academic science. Do disciplines still matter? To what extent are interdisciplinary problem-solving approaches driven by socioeconomic stakeholders and policymakers rather than by academics? And how is interdisciplinarity organized? Through an in-depth sociological study of the development of nanomedicine in France and in the United States – an area that combines nanotechnology and biomedical research – this book shows how disciplines do not merely form separate “silos” which hinder the development of interdisciplinary research; rather, they are flexible entities whose evolution supports the long-term institutionalization of interdisciplinary science in French and US academia. Secondly, interdisciplinary research has no intrinsic virtue: its ability to respond to societal issues and advance knowledge depends on continued political support and long-term cooperation between stakeholders. Interdisciplinarity might also be threatened by oversold promises and struggles for recognition. A third, and perhaps the most important, finding is that interdisciplinary research is not a neutral activity. It is shaped by the interests of various communities. The Policies and Politics of Interdisciplinary Research tackles vivid debates among academics and research managers and will appeal to scholars of sociology, science and technology studies and science policy.

Encyclopedia of Forensic and Legal Medicine, Volumes 1-4. Second Edition is a pioneering four volume encyclopedia compiled by an international team of forensic specialists who explore the relationship between law, medicine, and science in the study of forensics. This important work includes over three hundred state-of-the-art chapters, with articles covering crime-solving techniques such as autopsies, ballistics, fingerprinting, hair and fiber analysis, and the sophisticated procedures associated with terrorism investigations, forensic chemistry, DNA, and immunology. Practitioner in a forensic, medical, healthcare, legal, judicial, or investigative field looking for easily accessible and authoritative overviews on a wide range of topics. Chapters have been arranged in alphabetical order, and are written in a clear-and-concise manner, with definitions provided in the case of obscure terms and information supplemented with pictures, tables, and diagrams. Each topic includes cross-referencing to related articles and case studies where further explanation is required, along with references to external sources for further reading. Attorneys, and other legal materials the reader can adapt for their own practice. Also available in an on-line version which provides numerous additional reference and research tools, additional multimedia, and powerful search functions. Each topic includes cross-referencing to related articles and case studies where further explanation is required, along with references to external sources for further reading.

Understanding and Evaluating Research: A Critical Guide aims to sensitize students to the necessity of learning how not to defer the mysterious authority of the experts, but rather to learn how to be a critical consumer of others' research, and to gain confidence in their ability to be producers of research. Sue McGregor shows students how to be research literate, and how to find, critique and apply other people's scholarship. This textbook is grounded in a solid understanding of the prevailing research methodologies for creating new knowledge (philosophical approaches to research, and reporting results).

Publication Rate Of Podium Presentations From The 2012-2014 Orthopaedic Research Society Annual Meetings

A Revision Guide

The Future of the Academic Journal

Analyzing Scientific Periodicals beyond the Impact Factor

How to Get Published in the Best Entrepreneurship Journals

Seeking Impact and Visibility

Quantitative Tools for Studying and Evaluating Research

As a result of the world class university rankings, many governments adopt public incentives and sanctions to push universities to excel. Above all, the better faculty research publication in SSCI and SCJ journals, the more resources and social prestige universities will obtain. This timely book attempts to relate these dilemmas in Taiwan to many non-English speaking counterparts which also struggle with the worldwide SSCI syndrome. As Taiwan's higher education system, similar to that of some other countries, has been recently devastated by the SSCI-based quantitative evaluations of academic performance in terms of its adverse impacts on the balances between teaching vs. research; qualitative vs. quantitative evaluations; globally oriented, English vs. locally oriented, non-English publications; and publications in academic journals vs. books, The SSCI Syndrome in Higher Education is a long overdue study that offers a systematic, comprehensive coverage of the above-mentioned SSCI syndrome on the dynamics of Taiwan's academe. This book definitely helps fill an important gap in the literature on Taiwan's higher education system. Tsung Chi Professor of Politics, Occidental College, USA Prudence Chou's book addresses an academy on crisis caused by the ceaseless hype over university rankings. It further confirms that who comes out on top depends on who is doing the ranking. To save the heart and soul out of the Taiwanese academy, this book makes a cogent argument for culturally-responsive research in the social sciences and humanities. Gerard A. Postiglione Professor and Head, Division of Policy, Administration and Social Sciences Director, Wah Ching Center of Research on Education in China, The University of Hong Kong A spectre is haunting almost all universities in the world, including Taiwan — the spectre of “indexization.” Academics, particularly social scientists are panting from the pressure of globally spread neoliberal ideology and market-based principles. Collegiality on campus in the good old days has declined, and managerialism gained power instead. Competitive funding and university rankings are excessively emphasized, and research results are required to be internationalized, i.e., published in English.

Through this book, we hope to address the SSCI syndrome in Taiwan, the problems and challenges as well as prescription contained here are common to all academics, especially those in the non-English speaking countries positioned as “peripheral.” Yutaka Otsuka Professor of Hiroshima University, President of Japan Comparative Education Society The danger with SSCI syndrome is that it encourages social studies in nonwestern societies to dissociate themselves from local contexts, reflecting a particular view of what is claimed to be ‘universal’ that is informed only by the West (or, especially English-speaking) world. It raises the question of what counts as ‘scholarship’ and defines what knowledge is and who may claim competence in it. This volume serves us well as a timely reminder of such a great danger. Rui Yang Professor, Faculty of Education, University of Hong Kong

Over the years, medical informatics has matured into a true scientific discipline. Fundamental and applied aspects are now taught in various fields of health, including medicine, dentistry, pharmacy, nursing and public health. Medical informatics is also often included in the curricula of many other disciplines, including the life sciences, engineering and economics. Medical informatics is a complex and rapidly changing discipline. Relatively few books have been published on the subject, and they rapidly become obsolete. This book is the fruit of a collaborative effort between authors teaching medical informatics in France and others who are conducting research in this field. In addition, an international perspective was pursued, as reflected in the inclusion of various developments and actions in both the USA and Europe. This book is divided into 18 chapters, all of which include learning objectives, recommendations for further reading, exercises and bibliographic references.

Educational pedagogy is a diverse field of study, one that all educators should be aware of and fluent in so that their classrooms may succeed. Curriculum Design and Classroom Management: Concepts, Methodologies, Tools, and Applications presents cutting-edge research on the development and implementation of various tools used to maintain the learning environment and present information to pupils as effectively as possible. In addition to educators and students of education, this multi-volume reference is intended for educational theorists, administrators, and industry professionals at all levels.

A comprehensive, state-of-the-art examination of the changing ways we measure scholarly performance and research impact.

Bone Stress Injuries

Cracking the Intercollegiate General Surgery FRCS Viva

Indicators, Indexes, Statistical Laws and Mathematical Models

Research evaluation metrics

Science, Technology, Engineering, and Math Education in Libraries

20th International Conference on Asia-Pacific Digital Libraries, ICADL 2018, Hamilton, New Zealand, November 19-22, 2018, Proceedings

Diagnosis, Treatment, and Prevention

***The FRCS examination is the last hurdle on the road to independent practice as a consultant surgeon in the United Kingdom and Ireland. The voce viva portion of the exam can be particularly challenging for candidates who must demonstrate not only their knowledge of various surgical topics, but also their reasoning and decision-making abilities. Cracking the Intercollegiate General Surgery FRCS Viva: A Revision Guide provides the framework and knowledge to pass the non-specialty sections of the FRCS (General Surgery) viva and clinical examination. This comprehensive revision text covers all essential topics in critical care, emergency and general surgery as well as critical appraisal of research papers, basic statistics and data manipulation for the academic section. Highlights: Layout: A unique approach recreates the structure and content of each individual viva Past questions: Actual viva questions pooled from successful FRCS candidates are included so you know what worked Contributors: Insight from experienced clinicians who have trained in the UK higher surgical training system This essential revision guide provides you with the vital points for each topic, presented in a concise, structured manner and referenced where appropriate. It is essential reading for anyone preparing for the FRCS General Surgery exam.***

***This book is a very concise introduction to the basic knowledge of scientific publishing. It starts with the basics of writing a scientific paper, and recalls the different types of scientific documents. In gives an overview on the major scientific publishing companies and different business models. The book also introduces to abstracting and indexing services and how they can be used for the evaluation of science, scientists, and institutions. Last but not least, this short book faces the problem of plagiarism and publication ethics.***

***"This resource will educate students and pharmacists on traditional drug information topics while providing an extensive background on more recent practice areas. This is a user-friendly text with multiple examples that can be used in education and training, as well as clinical practice. Each chapter includes learning objectives, key terms, examples and cases, and review questions"--***

***During the past few years, groups like the President's Council of Advisors on Science and Technology, Center for Education have been placing great emphasis on the significance of STEM (science, technology, engineering, and math) education. In brief, the US is seen as falling behind the rest of the world in science and technology education. In response, the curricula have been revised in many educational institutions and school districts across the country. It is clear that for STEM to be successful, other community organizations, most particularly libraries, need to be closely involved in the process. Library staff realize the importance of getting involved in STEM education, but many have difficulty finding comprehensive information that will help them plan and successfully implement STEM direction in their organization. This book is designed to meet that need. It is timely and relevant. How to STEM: Science, Technology, Engineering, and Math Education in Libraries is by and for libraries who are involved in contributing efforts into advancing these subjects. It is organized in 9 parts including funding, grant writing, community partnerships, outreach, research, and examples of specific programming activities.***

***Authors are drawn from the professional staffs of educational institutions, libraries, and non-profit organizations such as science museums. The book contains eight parts, each emphasizing a different aspect of how to succeed with STEM. Part 1 emphasizes how hands-on activities that are both fun and educational can be used to further STEM awareness. Parts 2 and 3 contain chapters on the unting of STEM with Information Literacy. Innovative collection development ideas are discussed in Part 4 and Part 5 focuses on research and publishing. Outreach is the theme of Part 6 and the programs described in these chapters offer an array of ways to connect with students of all ages. The final section of How to STEM: Science, Technology, Engineering, and Math Education in Libraries addresses the funding of these programs. Librarians of all types will be pleased to discover easy-to-implement suggestions for collaborative efforts, many rich and diverse programming ideas, strategies for improving reference services and library instruction to speakers of English as a second language, marketing and promotional tips designed to welcome multicultural patrons into the library, and much more.***

**Decision-Making and Management**

**The Clinical Practice of Drug Information**

**Fundamentals and Applications**

**Blank Lined Journal - Awesome Since 2012 Journal**

**Information Resources in Toxicology**

**Medical Informatics, e-Health**

**Harnessing Multidimensional Indicators of Scholarly Impact**

Efforts to advance research and higher education, publishing is essential. A competitive marketplace, strict research standards, and scrupulous tenure committees are all challenges academicians face in publishing their research and achieving tenure at their institutions. The Handbook of Research on Scholarly Publishing and Research Methods assists researchers in navigating the field of scholarly publishing through a careful analysis of multidisciplinary research topics and recent trends in the industry. With its broad, practical focus, this handbook is of particular use to researchers, scholars, professors, graduate students, and librarians.

Libraries in the USA and globally are undergoing quiet revolution. Libraries are moving away from a philosophy that is collection-centered to one focused on service. Technology is key to that change. The Patron Driven Library explores the way technology has moved the focus from library collections to services, placing the reader at the center of library activities. The book reveals the way library users are changing, and how social networking, web delivery of information, and the uncertain landscape of e-print has energized librarians to adopt technology to meet a different model of the library while preserving core values. Following an introduction, the first part begins with the historical milieu, and moves on to current challenges for financing and acquiring materials, and an exploration of why the millennial generation is transformational. The second part examines how changes in library practice can create a culture for imagining library services in an age of information overflow. The final chapter asks: Whither the library? Provides a synthesis of current research on the impact of technology on behaviour, and connecting it with library services Offers examples and practical advice for incorporating technology to meet user expectations and assess services Suggests management techniques to overcome barriers to change and technology innovation

Learn how to plan for success with this hands-on guide to conducting high-quality engineering research. Plan and implement your next project for maximum impact. step-by-step instructions cover every stage in engineering research, from the identification of an appropriate research topic through to the successful presentation of results. Improve your research outcomes: discover essential tools and methods for producing high-quality, rigorous research, including statistical analysis, survey design, and optimisation techniques. Research with purpose: clear explanations, real-world examples, and over 50 customisable end-of-chapter exercises, all written with the practical and ethical considerations of engineering in mind. A unique engineering perspective: written especially for engineers, and relevant across all engineering disciplines, this is the ideal book for graduate students, undergraduates, and new academics looking to launch their research careers.

"This 10-volume compilation of authoritative, research-based articles contributed by thousands of researchers and experts from all over the world emphasized modern issues and the presentation of potential opportunities, prospective solutions, and future directions in the field of information science and technology"--Provided by publisher.

Volume 1: Background, Resources, and Tools

A Guide to Steer Your Academic Career

Concepts, Methodologies, Tools, and Applications

A Practical Guide for Managing Collections and Services in the Digital Age

Awesome Since 2012

A Local or Global Phenomenon

Science Dynamics and Research Production

The Routeledge Handbook of European Sociology explores the main aspects of the work and scholarship of European sociologists during the last sixty years (1950-2010), a period that has shaped the methods and identity of the sociological craft. European social theory has produced a vast constellation of theoretical landscapes with a far reaching impact. At the same time there has been diversity and fragmentation, the influence of American sociology, and the effect of social practice and transformations. The guiding question is: does European Sociology really exist today, and if the answer is positive, what does this really mean? Divided into four parts, the Handbook investigates: intellectual and institutional settings regional variations thematic variations European concerns. The Handbook will provides a set of state-of-the-art accounts that break new ground, each contribution teasing out the distinctively European features of the sociological theme it explores. It will be of interest to students and scholars across the social sciences and humanities.

Introduction: Annual scientific meetings serve as a forum for dissemination of new research findings. Presentations should be of high scientific quality as they have the potential to impact future research projects and current clinical practice. The publication rate of podium presentations at an annual meeting can be used to assess the quality of the research presented. The purpose of this study was to determine the publication rate of podium presentations at the 2012 u20132013 2014 Orthopaedic Research Society (ORS) annual meetings. Methods: All podium presentations were identified. A PubMed search was performed to determine if an abstract reached publication in peer-reviewed journals. All podium presentations were categorized into a specific orthopaedic topic to determine if there were differences in the publication rate according to the topic. The journal of each full-text publication was identified, as well as the journal impact factor. The time to publication for each published abstract was calculated based on the date of the ORS meeting and the date of publication (rounded to the nearest month). The country and institution of origin of each full-text publication was also recorded. Results: There were a total of 1063 podium presentations at the 2012 u20132013 2014 ORS annual meetings. Of these abstracts, 640 were subsequently published in a peer-reviewed journal for an overall publication rate of 60.2%. New Investigator Recognition Award (NIRA) podium presentations had an overall publication rate of 63.5%, though this was not significantly higher than the publication rate of non-recognized presentations at 59.8% (p = 0.5245). The orthopaedic topic with the greatest percentage of podium presentations was cartilage biology (27.1%), followed by bone biology (18.0%) and ligament/tendon biology (13.2%). Abstracts categorized as upper extremity had the highest publication rate (71.1%), followed by joint (10.9%) and bone biology (63.4%). Podium presentations were published in 151 different journals with the journal impact factor ranging from 0.56 to 39.24. The average impact factor for all of the published abstracts was 4.46. The top three most frequent journals for publication were Journal of Orthopaedic Research (10.6%), Journal of Biomechanics (5.2%), and PLoS ONE (5.2%). Time to publication varied significantly by journal (p = 0.025). The majority (75.9%) of abstracts that reached publication did so within 2 years. At 67.0%, the United States was the most common country of origin of all full-text publications, followed by Japan (11.9%) and Canada (3.6%). The top three academic institutions for publication were University of Pennsylvania (5.8%), Cornell University (3.6%), and Columbia University (3.4%). Discussion: The ORS annual meeting is a leading forum for the presentation of high-quality research in the field of surgery and musculoskeletal disease. In 1986, Daluiski et al. reported an overall publication rate of 52% for podium presentations at the 1991 u20132013 1993 ORS annual meetings. To our knowledge, no studies evaluating the publication rate of ORS presentations have been conducted since that time. In our study, we found an overall publication rate of 60.2%, which is significantly higher than what was reported over two decades ago (p = 0.0004). This finding might suggest an improvement in the quality of research presented at the meeting. Furthermore, a rate of 60.2% is within the upper range of previously reported publication rates for other orthopaedic surgery meetings.

Complexity in Colorectal Surgery: A Concise, Modern, Practical Guide that covers the strategic, practical, specific approaches, and detailed management techniques utilized by expert Colorectal Surgeons caring for patients with complex problems—whether they result from underlying colorectal disease or from complications arising from previous surgical therapy. The text is formatted as both a “how-to” manual as well as an algorithm-based guide allowing the reader to understand the thought process behind the proposed treatment strategies. By making use of evidence-based recommendations, each chapter will include not only diagnostic and therapeutic guidelines, but also a narrative by the author on his/her operative technical details and perioperative “tips and tricks” that they utilize in the management of these complex surgical challenges. This text includes chapters on the assessment of risk and nutritional intervention methods utilized to minimize perioperative complications. In addition, sections on medical and surgical therapies for adnominal, pelvic and anorectal disease are incorporated. Moreover, the technical challenges of managing complications resulting from the original or subsequent operations is addressed. The underlying focus throughout the text is to provide pragmatic and understandable solutions that can be readily implemented by surgeons of varying experience to successfully treat complex colorectal problems. The text also goes beyond the technical aspects of Colorectal Surgery and includes special sections highlighting the essence of a surgeon. These include chapters describing the importance of the first encounter, building patient rapport, and demonstrating confidence and competence while showing humility and avoiding arrogance. Additionally, aspects involving the medical-legal, ethical, and economic challenges confronting surgeons are covered.

The American Association for the Surgery of Trauma is dedicated to the discovery, dissemination, implementation, and evaluation of knowledge related to acute care surgery (trauma, surgical critical care, and emergency general surgery) by fostering research, education, and professional development in an environment of fellowship and collegiality.

Encyclopedia of Forensic and Legal Medicine

Curriculum Design and Classroom Management: Concepts, Methodologies, Tools, and Applications

Planning Your Research and How to Write It

Springer Handbook of Science and Technology Indicators

Perspectives from Scientific Journal Reports

Understanding and Evaluating Research

The Patron-Driven Library

***This new fifth edition of Information Resources in Toxicology offers a consolidated entry portal for the study, research, and practice of toxicology. Both volumes represents a unique, wide-ranging, curated, international, annotated bibliography, and directory of major resources in toxicology and allied fields such as environmental and occupational health, chemical safety, and risk assessment. The editors and authors are among the leaders of the profession sharing their cumulative wisdom in toxicology's subdisciplines. This edition keeps pace with the digital world in directing and linking readers to relevant websites and other online tools. Due to the increasing size of the hardcopy publication, the current edition has been divided into two volumes to make it easier to handle and consult. Volume 1: Background, Resources, and Methods is arranged in alphabetical order, and Volume 2: Applications and Informatics Framework in Part 1. Part 2 continues with chapters organized by more specific subject such as cancer, clinical toxicology, genetic toxicology, etc. The categorization of chapters by resource format, for example, journals and newsletters, technical reports, organizations constitutes Part 3. Part 4 further considers toxicology's presence via the Internet, databases, and software tools. Among the miscellaneous topics in the concluding Part 5 are laws and regulations, professional education, grants and funding, and patents. Volume 2: The Global Arena offers contributed chapters focusing on the toxicology contributions of over 40 countries, followed by a glossary of toxicological terms and an appendix of popular quotations related to the field. The book, offered in both print and electronic formats, is carefully structured, indexed, and cross-referenced to enable users to easily find answers to their questions or serendipitously locate useful knowledge they were not originally aware they needed. Among the many timely topics receiving increased emphasis are disaster preparedness, nanotechnology, -omics, risk assessment,***

societal implications such as ethics and the precautionary principle, climate change, and children's environmental health. Introductory chapters provide a backdrop to the science of toxicology, its history, the origin and status of toxicoinformatics, and starting points for identifying resources. Offers an extensive array of chapters organized by subject, each highlighting resources such as journals, databases, organizations, and review articles. Includes chapters with an emphasis on format such as government reports, general interest publications, blogs, and audiovisuals. Explores recent internet trends, web-based databases, and software tools in a section on the online environment. Concludes with a miscellany of special topics such as laws and regulations, chemical hazard communication resources, careers and professional education, K-12 resources, funding, poison control centers, and patents. Paired with Volume Two, which focuses on global resources, this set offers the most comprehensive compendium of print, digital, and organizational resources in the toxicological sciences with over 120 chapters contributions by experts and leaders in the field.

Across a variety of disciplines, data and statistics form the backbone of knowledge. To ensure the reliability and validity of data, appropriate measures must be taken in conducting studies and reporting findings. Research Methods: Concepts, Methodologies, Tools, and Applications compiles chapters on key considerations in the management, development, and distribution of data. With its focus on both fundamental concepts and advanced topics, this multi-volume reference work will be a valuable addition to researchers, scholars, and students of science, mathematics, and engineering.

Institutional repositories remain key to data storage on campus, fulfilling the academic needs of various stakeholders. Demystifying the Institutional Repository for Success is a practical guide to creating and sustaining an institutional repository through marketing, partnering, and understanding the academic needs of all stakeholders on campus. This title is divided into seven chapters, covering: traditional scholarly communication and open access publishing; the academic shift towards open access; what the successful institutional repository looks like; institutional repository collaborations and building campus relationships; building internal and external campus institutional repository relationships; the impact and value proposition of institutional repositories; and looking ahead to open access opportunities.

Presents successful and creative marketing techniques of open access benefits and repositories useful to administrators, faculty, staff, and students Strategic campus and off-campus partnerships for garnering and archiving content, including metadata specialists, off-campus librarians, local/state collaborations, including case studies Specific tools for overall success of users in locating repository research (search engine optimization (SEO), analyzing Google Analytics), and more

This book deals with methods to evaluate scientific productivity. In the book statistical methods, deterministic and stochastic models and numerous indexes are discussed that will help the reader to understand the nonlinear science dynamics and to be able to develop or construct systems for appropriate evaluation of research productivity and management of research groups and organizations. The dynamics of science structures and systems is complex, and the evaluation of research productivity requires a combination of qualitative and quantitative methods and measures. The book has three parts. The first part is devoted to mathematical models describing the importance of science for economic growth and systems for the evaluation of research organizations of different size. The second part contains descriptions and discussions of numerous indexes for the evaluation of the productivity of researchers and groups of researchers of different size (up to the comparison of research productivities of research communities of nations). Part three contains discussions of non-Gaussian laws connected to scientific productivity and presents various deterministic and stochastic models of science dynamics and research productivity. The book shows that many famous fat tail distributions as well as many deterministic and stochastic models and processes, which are well known from physics, theory of extreme events or population dynamics, occur also in the description of dynamics of scientific systems and in the description of the characteristics of research productivity. This is not a surprise as scientific systems are nonlinear, open and dissipative.

Numerical Correlation between Impact Factor and Web Ranking of Electronic Scientific Journals Using Regression Analysis

Introduction to Scientific Publishing

Multidimensional Journal Evaluation

Handbook of Research on Administration, Policy, and Leadership in Higher Education

Independent Review of the Role of Metrics in Research Assessment and Management

Computer Science

The present study attempts to examine the numerical correlation between web ranking of electronic scientific journals and impact factor of these journals using the method of regression analysis. Regression analysis allows the option of investigating and predicting the numerical relationship between website ranking of scientific journals on the World Wide Web and the value of impact factor of the journals. A sample of 57 publishers with 6,272 scientific journals and 50 standalone scientific journals was analyzed during research procedure. In this study, two different indicators about websites classification on World Wide Web were examined separately for 57 publishers and 50 standalone journals, Alexa rank and Statscrop rank. The electronic databases through the internet constitute the main information resources of this study about the impact factors. The general conclusion that arises is that the impact factor of electronic scientific journals illustrates a very strong positive correlation with classification of websites on the World Wide Web. Furthermore, it is concluded that the change of web ranking as a function of impact factor is governed by a Gaussian function or rational function with lower Pearson coefficient and presents non-linearly correlation. Even if there is very strong correlation between impact factor and web rank for electronic journals, the prediction of impact factor from web rank is not possible and presents many divergences.

Computer Science: The Hardware, Software and Heart of It focuses on the deeper aspects of the two recognized subdivisions of Computer Science, Software and Hardware. These subdivisions are shown to be closely interrelated as a result of the stored-program concept. Computer Science: The Hardware, Software and Heart of It includes certain classical theoretical computer science topics such as Unsolvability (e.g. the halting problem) and Undecidability (e.g. Godel's incompleteness theorem) that treat problems that exist under the Church-Turing thesis of computation. These problem topics explain inherent limits lying at the heart of software, and in effect define boundaries beyond which computer science professionals cannot go beyond. Newer topics such as Cloud Computing are also covered in this book. After a survey of traditional programming languages (e.g. Fortran and C++), a new kind of computer programming for parallel/distributed computing is presented using the message-passing paradigm which is at the heart of large clusters of computers. This leads to descriptions of current hardware platforms for large-scale computing, such as clusters of as many as one thousand which are the new generation of supercomputers. This also leads to a consideration of future quantum computers and a possible escape from the Church-Turing thesis to a new computation paradigm. The book's historical context is especially helpful during this, the centenary of Turing's birth. Alan Turing is widely regarded as the father of Computer Science, since many concepts in both the hardware and software of Computer Science can be traced to his pioneering research. Turing was a multi-faceted mathematician-engineer and was able to work on both concrete and abstract levels. This book shows how these two seemingly disparate aspects of Computer Science are intimately related. Further, the book treats the theoretical side of Computer Science as well, which also derives from Turing's research. Computer Science: The Hardware, Software and Heart of It is designed as a professional book for practitioners and researchers working in the related fields of Quantum Computing, Cloud Computing, Computer Networking, as well as non-scientist readers. Advanced-level and undergraduate students concentrating on computer science, engineering and mathematics will also find this book useful.

Represents the culmination of an 18-month-long project that aims to be the definitive review of this important topic. Accompanied by a scholarly literature review, some new analysis, and a wealth of evidence and insight... the report is a tour de force: a once-in-a-generation opportunity to take stock.' -- Dr Steven Hill, Head of Policy, HEFCE, LSE Impact of Social Sciences Blog 'A must-read if you are interested in having a deeper understanding of research culture, management issues and the range of information we have on this field. It should be disseminated and discussed within institutions, disciplines and other sites of research collaboration.' -- Dr Meera Sabaratnam, Lecturer in International Relations at the School of Oriental and African Studies, University of London, LSE Impact of Social Sciences Blog Metrics evoke a mixed reaction from the research community. A commitment to using data and evidence to inform decisions makes many of us sympathetic, even enthusiastic, about the prospect of granular, real-time analysis of our own activities. Yet we only have to look around us at the blunt use of metrics to be reminded of the pitfalls. Metrics hold real power: they are constitutive of values, identities and livelihoods. How to exercise that power to positive ends is the focus of this book. Using extensive evidence-gathering, analysis and consultation, the authors take a thorough look at potential uses and limitations of research metrics and indicators. They explore the use of metrics across different disciplines, assess their potential contribution to the development of research excellence and impact and consider the changing ways in which universities are using quantitative indicators in their management systems. Finally, they consider the negative or unintended effects of metrics on various aspects of research culture. Including an updated introduction from James Wisdon, the book proposes a framework for responsible metrics and makes a series of targeted recommendations to show how responsible metrics can be applied in research management, by funders, and in the next cycle of the Research Excellence Framework. The metric tide is certainly rising. Unlike King Canute, we have the agency and opportunity -- and in this book, a serious body of evidence -- to influence how it washes through higher education and research.

Nanomedicine in France and in the United States