

# Impact Factor 2012 Scientific Journals

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Research Methods: Concepts, Methodologies, Tools, and Applications IGI Global

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.

**Incentives and Performance** Academic Conferences Limited

This book features the proceedings of the Fifth International Conference on Computational Science and Technology 2018 (ICCST2018), held in Kota Kinabalu, Malaysia, on 29–30 August 2018. Of interest to practitioners and researchers, it presents exciting advances in computational techniques and solutions in this area. It also identifies emerging issues to help shape future research directions and enable industrial users to apply cutting-edge, large-scale and high-performance computational methods.

**How to Publish in Biomedicine** Chandos Publishing

The goal of any research assessment is to evaluate the value or quality of the research in comparison to other research. As quality is highly subjective and difficult to measure, citations are used as a proxy. Citations are an important part of scholarly communication and a significant component of research evaluation, with the assumption being that highly cited work has influenced the work of many other researchers and hence it is more valuable. Recently we have seen new online data sources being researched for this purpose and disruptive ideas with the power to change research assessment, and perhaps even science as a whole, have been born. Altmetrics is the new research area that investigates the potential of these new data source as indicators of the impact that research has made on the scientific community and beyond, and thus possibly also as indicators of the societal impact of research. This book will present some of these new data sources, findings from earlier altmetrics research, and the disruptive ideas that may radically change scholarly communication. Presents some of the key ideas and innovations in earlier research that have been driving the evolution from bibliometrics to webometrics, and with the advent of social media to altmetrics Discusses the shortcomings and pitfalls of bibliometrics in research evaluation and the potential of altmetrics

to overcome some of these shortcomings Presents some of the most important data sources of altmetrics, the aggregators, and the different stakeholders Reviews current research about altmetrics and discusses possible future trends Presents a way to measure and aggregate altmetrics according to the level of impact or type of impact they represent

Library and Information Science Research in Asia-Oceania: Theory and Practice Bloomsbury Publishing USA

Demystifying Scholarly Metrics gives librarians and faculty the confidence to navigate the maze of scholarly metrics, identify quality journals in which to publish, and measure the impact of scholarly works. Both librarians and professors can be overwhelmed by the bewildering number of scholarly metrics. This user-friendly book demystifies them, helping librarians become familiar with scholarly metrics and giving them the confidence to assist faculty at their institutions. It also equips faculty authors with the knowledge to evaluate journals and use metrics to track their scholarly impact. Several controversies exist in the scholarly metrics landscape, including a disagreement between the proponents of altmetrics and traditional bibliometrics. Even more contentious debates are breaking out over predatory journals and open access publishing. Authors Mark Vinyard and Jaimie Beth Colvin, who successfully launched a faculty publishing initiative, explain which aspects of metrics are truly essential to grasp, and they place these numbers in context. They help readers identify the metrics that are the best fit for their scholarship and give librarians and professors the tools to make smart decisions in this changing scholarly metrics landscape.

**Scientific Journals: Issues in Library Selection and Management** National Taiwan University

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 the future 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

*Altmetrics for Information Professionals* Springer Science & Business Media Orthopedic experts in their field have carefully chosen what they consider to be the key papers in their respective domains. Every paper is carefully described and evaluated by its strengths, weaknesses and its contribution to the field. Papers have been chosen by number of citations, academic

importance, articles that have changed our whole way of thinking or that have simply stood the test of time.

#### The Future of the Academic Journal UNESCO Publishing

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.

#### **Scholarly Publishing and Research Methods Across Disciplines**

Routledge

?This book contributes to the current discussion in society, politics and higher education on innovation capacity and the financial and non-financial incentives for researchers. The expert contributions in the book deal with implementation of incentive systems at higher education institutions in order to foster innovation. On the other hand, the book also discusses the extent to which governance structures from economy can be transferred to universities and how scientific performance can be measured and evaluated. This book is essential for decision-makers in knowledge-intensive organizations and higher-educational institutions dealing with the topic of performance management.

#### *Writing and Publishing Science Research Papers in English* Springer

There is no singular 'best' method of research. The differing nature of various research endeavors warrant multiple ways of generating knowledge, sharing knowledge, and more importantly, avoiding errors. More recently, the dichotomy between quantitative and qualitative approaches has begun to dissolve as the integrated approach of mixed methods gains popularity. *Scholarly Publishing and Research Methods Across Disciplines* is a collection of innovative findings on the methods and applications of research in scholarly publishing, ranging from the analyzation of mixed methods and qualitative/quantitative research, to Dewey's scientific method and more. Highlighting a range of topics including higher education, digital divide, and model development, this publication applies a cross-disciplinary viewpoint that will appeal to researchers, graduate students, academicians, librarians, scholars, and industry-leading experts around the globe seeking an understanding of the limitations and strengths in research techniques.

#### *The Clinical Practice of Drug Information* Springer

Traducción parcial de la Introducción: "En la actualidad, la evaluación de la investigaciones es una cuestión que se está replanteando en todo el mundo. En algunos casos, los trabajos de investigación están generando resultados muy buenos, en la mayoría de los casos los resultados son mediocres, y en algunos casos negativos. Por todo esto, la evaluación de los resultados de la investigación se convierte en una condición sine qua non. Cuando el número de investigadores eran menos, eran los propios colegas de profesión quienes evaluaban la investigación. Con el paso del tiempo, el número de investigadores aumentó, las áreas de investigación proliferaron, los resultados de la investigación se multiplicaron. La tendencia continuó y después de la Segunda Guerra Mundial, la investigación comenzó a crecer exponencialmente. Hoy en día, incluso en una estimación moderada hay alrededor de más de un millón de investigadores y producen más de dos millón de trabajos de investigación y otros documentos por año. En este contexto, la evaluación de la investigación es una cuestión de primera importancia. Para cualquier promoción, acreditación, premio y beca puede haber decenas o cientos de nominados. De entre éstos, seleccionar el mejor candidato es una cuestión difícil de determinar. Las evaluaciones inter pares en muchos casos están demostrando ser

subjetivas. En 1963 se crea Science Citation Index (SCI) que cubre la literatura científica desde 1961. Unos años después, Eugene Garfield, fundador del SCI, preparó una lista de los 50 autores científicos más citados basándose en las citas que recibía el trabajo de un autor por parte de los trabajos de otros colegas de investigación. El documento titulado "¿Pueden predecirse los ganadores del Premio Nobel? Fue publicado en 1968 (Garfield y Malin, 1968). En el siguiente año es decir, 1969, dos científicos que figuran en la lista, por ejemplo, Derek HR Barton y Murray Gell-Mann recibieron el codiciado premio. Esto reivindicó la utilidad del análisis de citas. Cada año, varios científicos pertenecientes al campo de la Física, Química, Fisiología y Medicina reciben el Premio Nobel. De esta manera el análisis de citas se convirtió en una herramienta útil. Sin embargo, el análisis de citas siempre tuvo críticas y múltiples fallas. Incluso Garfield comentó - "El Uso del análisis de citas de los trabajos de evaluación es una tarea difícil. Existen muchas posibilidades de error '(Garfield, 1983). Para la evaluación de la investigación, se necesitaban algunos otros indicadores. El análisis de citas, junto con la revisión por pares garantiza el mejor juicio en innumerables casos. Pero se necesita algo que sea más exacto. La llegada de la World Wide Web (WWW) brindó la oportunidad; pues un buen número de indicadores se están generando a partir de los datos disponibles en la WWW". (Trad. Julio Alonso Arévalo. Univ. Salamanca).

#### Research Methods in Sports Coaching Chandos Publishing

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.

#### **Handbook of Research on Scholarly Publishing and Research Methods** Jones & Bartlett Publishers

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.

#### Research evaluation metrics IGI Global

This book on Thesis Writing for Master's and Ph.D. program focuses on the difficulties students encounter with regard to choosing a guide; selecting an appropriate research title considering the available resources; conducting research; and ways to overcome the hardships they face while researching, writing and preparing their dissertation for submission. Thesis writing is an essential skill that medical and other postgraduates are expected to learn during their academic career as a mandatory partial requirement in order to receive the Master's degree. However, at the majority of medical schools, writing a thesis is largely based on self-learning, which adds to the burden on students due to the tremendous amount of time spent learning the writing skills in addition to their exhausting clinical and academic work. Due to the difficulties faced during the early grooming years and lack of adequate guidance, acquiring writing skills continues to be a daunting task for most students. This book addresses these difficulties and deficiencies and

provides comprehensive guidance, from selecting the research title to publishing in a scientific journal.

### **Communicate Science Papers, Presentations, and Posters Effectively** Springer

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.

Medical Informatics, e-Health CRC Press

Thinking about Science: Good Science, Bad Science, and How to Make It Better A riveting exploration of the world of science, diving headfirst into its triumphs and tribulations. Penned by seasoned microbiologists Ferric C. Fang and Arturo Casadevall, this book offers a comprehensive analysis of the scientific enterprise through various lenses, including historical, philosophical, and personal. From their unique vantage points as researchers, clinicians, and educators, Fang and Casadevall dissect the intricate mechanisms of science, shedding light on its strengths and weaknesses. Through engaging historical anecdotes, personal narratives, and insightful academic studies, they present a candid evaluation of science's performance, including a thought-provoking examination of its role during the COVID-19 pandemic. But Thinking about Science goes beyond merely reflecting on the past and present—it offers a bold prescription for the future. As humanity grapples with monumental challenges, this book underscores the pivotal role science must play in navigating these uncharted territories. A must-read for anyone curious about the present predicaments and future potential of science, Thinking about Science: Good Science, Bad Science, and How to Make It Better is more than just a book; it's a roadmap to understanding and improving the scientific endeavor for the benefit of society at large. Ferric C. Fang and Arturo Casadevall are physician-scientists and journal editors who have studied infectious diseases for more than three decades and have a longstanding interest in the culture and sociology of science. Dr. Fang is presently a Professor in the Departments of Laboratory Medicine and Pathology, Microbiology, Medicine, and Global Health at the University of Washington School of Medicine, and Dr. Casadevall is presently a Bloomberg Distinguished Professor in the Johns Hopkins Schools of Public Health and Medicine.

**Demystifying Scholarly Metrics** Springer Science & Business Media  
Getting published is crucial for success in biomedicine. Whether you are a beginner or an experienced writer, you will find this book has fresh, practical tips on everyday issues. Based on the authors' successful training courses and extensive experience of healthcare communications, this book will answer your questions and help you to avoid the most frequent problems and pitfalls. The book is designed to be very practical, and to be used when you are actually writing. It does not need to be read straight through from beginning to end before you get started. Instead, just dip into any chapter and you will find a range of tips relevant to the material you are working on right now.

*Handbook of Bibliometric Indicators* Springer

For faculty to advance their careers in 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.

### **Numerical Correlation between Impact Factor and Web Ranking of Electronic Scientific Journals Using Regression Analysis** John Wiley & Sons

A pocket mentor for the early career academic learning to strategically navigate the demands of an academic role, this book is a friendly and constructive companion providing hands-on advice about how to balance teaching responsibilities alongside other duties. More than just a 'how to', the text is a timely commentary on changes in higher education. Discussing contemporary developments and offering guidance on how to negotiate this evolving climate, the book uniquely captures the political, social, economic and cultural forces at play, taking into account the issues which influence and shape an academic's career trajectory. Organised around the three main tasks within a conventional academic post – teaching, research and administration – the book includes tips, pauses for thought, author reflections and sources for further reading, and provides insight to help the reader reflect on what they are doing, why, and where to go next in their career. Crucially, it shows that in order to survive and flourish, the early career academic needs to take a strategic view as to their function, purpose and contribution both inside and beyond the intellectual establishment. From establishing a research niche to getting stuck into administration *Survive and Thrive* empowers the early career academic, helping them to build their academic reputation both internally and externally and maintain a sense of personal fulfilment and accomplishment within an increasingly commercialised environment.

*Beyond Bibliometrics* John Wiley & Sons

Dealing with information is one of the vital skills in the 21st century. It takes a fair degree of information savvy to create, represent and supply information as well as to search for and retrieve relevant knowledge. How does information (documents, pieces of knowledge) have to be organized in order to be retrievable? What role does metadata play? What are search engines on the Web, or in corporate intranets, and how do they work? How must one deal with natural language processing and tools of knowledge organization, such as thesauri, classification systems, and ontologies? How useful is social tagging? How valuable are intellectually created abstracts and automatically prepared extracts? Which empirical methods allow for user research and which for the evaluation of information systems? This Handbook is a basic work of information science, providing a comprehensive overview of the current state of information retrieval and knowledge representation. It addresses readers from all professions and scientific disciplines, but particularly scholars, practitioners and students of Information Science, Library Science, Computer Science, Information Management, and Knowledge Management. This Handbook is a suitable reference work for Public and Academic Libraries.

*The Metric Tide* Notion Press

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