

Journal Impact Factors 2013

An Introduction to Bibliometrics: New Development and Trends provides a comprehensible, readable and easy to read introduction to bibliometrics. Importantly, the book surveys the latest developments of bibliometrics (such as altmetrics, etc.) and how the field is likely to change over the next decade. In the literature, bibliometrics is generally discussed from one of two perspectives: (1) Purely mathematical/statistical or (2) Its sociological implications. Both approaches are very far from how most users want to apply bibliometrics. This book fills that need by providing tactics on how bibliometrics can be applied to their sphere of scientific activity. Provides readers with an understanding of bibliometric indicators, including their background and significance, classification in quantitative performance, and an evaluation of science and research Includes an overview of the most important indicators, their areas of application, and where and when they should and should not be used Discusses future trends in the quantitative performance evaluation of scientific research

Publish or Perish. This old adage illustrates the importance of scientific communication: essential to research, it also represents a strategic secret for each country's competitiveness. An often-neglected topic, scientific communication is of vital importance, with new information technologies accelerating and profoundly changing how knowledge is disseminated. The necessity of optimally disseminating experts' findings has also become crucial to researchers, institutes and universities alike, which has prompted the recent advent of Impact Factors for the evaluation and financing of research, the goal being for scientific knowledge to be equally distributed to a very broad audience, especially to the media, entrepreneurs and sociopolitical players. This handbook presents the "golden rules" for publishing scientific articles. In order to do away with major recurring errors, the author explains how to easily structure an article and offers support for the typical mistakes made by native French speakers publishing in English, tips on how to make the style more academic of more general to fit your intended readership and, in the book's closing section, suggests new publishing techniques of the Internet age such as the micro-article, which allows researchers to focus their findings into a single innovative point. The major principles presented can be applied to a broad range of documents such as theses, industry reports, publicity texts, letters of intent, CVs/resumes, blogs and press releases, as all of these documents involve presenting information on advances, discoveries, innovations, or changes to our previous knowledge.

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.

This volume honors the extraordinary career of Thomas Hertel. It also celebrates the 25th anniversary of the founding of the Global Trade Analysis Project (GTAP) by Prof. Hertel. All of those contributing to this volume, including Prof. Hertel's students and colleagues, have benefited in some ways from the selfless professional generosity and dedication to scientific public goods that have been hallmarks of his career. The book examines the history of the GTAP project, the scientific contributions of Prof. Hertel, and the general application of computational modeling to global economic policy analysis. The applications in the volume, reflecting the broad contributions made by the GTAP community to global policy analysis, range from the impact of globalization on employment to the sustainability impacts of economic integration.

The Region and Trade
Springer Handbook of Science and Technology Indicators

A Bibliometric Guide for Researchers
Perspectives from Scientific Journals
A Survey of Voluntaristics
Handbook Bibliometrics
The Clinical Practice of Drug Information

This is an open access book. The book provides an overview of the state of research in developing countries – Africa, Latin America, and Asia (especially India) and why research and publications are important in these regions. It addresses budding but struggling academics in low and middle-income countries. It is written mainly by senior colleagues who have experienced and recognized the challenges with design, documentation, and publication of health research in the developing world. The book includes short chapters providing insight into planning research at the undergraduate or postgraduate level, issues related to research ethics, and conduct of clinical trials. It also serves as a guide towards establishing a research question and research methodology. It covers important concepts such as the submission process, dealing with rejection and revisions, and covers additional topics such as planning lectures and presentations. The book will be useful for graduates, postgraduates, teachers as well as physicians and practitioners all over the developing world who are interested in academic medicine and wish to do medical research.

The Clinical Practice of Drug Information provides information on various resources, approaches to answering drug information requests, evaluating the biomedical literature, study design, statistical concepts, bioinformatics, medication safety, development of medication use policies, medication safety, formulary management, evidence-based medicine, and pharmacy informatics. 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. Instructor Resources: Instructor's Manual, Slides in PowerPoint format, Test Bank Each new print copy includes Navigate 2 Advantage Access that unlocks a comprehensive and interactive eBook, student practice activities and assessments, and for instructors: a full suite of teaching tools, and learning analytics reporting.

Although international trade has been much studied by both economists and regional scientists, the nature, causes, and the consequences of interregional trade, i.e., trade between regions within countries has received far less attention. In addition, given recent advances in new economic geography on the theoretical front and in the development of both input-output and computable general equilibrium models on the empirical front, the important subject of interregional trade is now open to study using these theoretical and empirical methodologies. Given this state of affairs, this book aims to present chapters written by a carefully selected group of experts in the field and thereby shed valuable light on key outstanding questions concerning the region and trade. These questions include, but are not limited to, the role of external economies in shaping the pattern of interregional trade, the role of natural resources versus traditional factors of production such as labor and capital in driving interregional trade, the relationship between transport and interregional trade, "high value" interregional trade in services, and the role of interregional trade estimation in the construction of a multi-regional, input-output system. Contents:Introduction:Introduction to "The Region and Trade: New Analytical Directions" (Amirrajet A Batabyal and Peter Nijkamp)Theory:Statistical Discrimination, Endogenous Quality, and North–South Trade (Amab K Basu)Regional Trade in a Three Country Model (Henry Thompson)Voluntary Formation of Free Trade Area in a Third Country Market Model (Ryochi Nomura, Takao Okikawa, Makoto Okamura and Makoto Tawada)Empirics:Exploring the Spatial Connectivity of US States, 1993–2007 (Jee-Sun Lee and Geoffrey J D Hewings)Manufacturing Fetishism: The Neo-Mercantilist Preoccupation with Protecting Manufacturing (Aleda Waite Cassidy, Edward Tower and Xiaolu Wang)The Evolution of Freight Movement and Associated Non-Point-Source Emissions in the Midwest–Northeast Transportation Corridor of the United States, 1977–2007 (Benjamin Brown-Steiner, Julie Chen and Kieran Donaghy)Multipliers in an Island Economy: The Case of the Azores Eduardo Haddad, Vasco Silva, Alexandre Porsese and Tomaz DeminholInter-Regional Trade in Research-Based Knowledge: The Case of the EISCAT Radar System (Folke Snickars and Simon Falek)Theory and Empirics:Trade Openness and City Interaction (Mauricio Ramirez Grajedano and Ian M Sheldon)Infrastructure and the International Export Performance of Turkish Regions (Mehmet Guney Cobis, Peter Nijkamp and Jacques Pool)Trade in Services and Regional Specialization: Evidence and Theory (Hamid Beladi and Saibal Kar) Readership: Graduate and research level individuals interested in regional economics and interregional trade issues. Keywords:Interregional Trade;Input-Output System;Economics;Regional Economics;Region and Trade;Natural Resources;Labor;Capital;Computational MethodsKey Features:Sheds new light on important and hitherto unstudied questions concerning interregional tradeCollects the results of frontier level research regarding many different questions in interregional tradeShows how recent advances in theoretical and empirical modeling can be gainfully utilized to shed new light on research questions in interregional trade

This Open Access book combines expertise in information literacy with expertise in education and teaching to share tips and tricks for the development of good information literacy teaching and training in universities and libraries. It draws on research, knowledge and pedagogical practice from academia, to teach students how to sift through information to be able to distinguish the important and correct from the unusable. It discusses basic concepts and models of information literacy, as well as strategies for accessing, locating and retrieving information and methods suitable for the assessment and management of information. The book explains many concepts connected to information literacy and discusses pedagogical issues with a view to supporting the practitioner. Each chapter examines one aspect of information literacy, discusses the pedagogical challenges involved and provides suggestions for best practice.

Perspectives from Scientific Journal Reports

Advanced Methodologies and Technologies in Library Science, Information Management, and Scholarly Inquiry

Diet and exercise current medical knowledge on how to keep healthy
An Interdisciplinary Approach

Staying healthy from 1 to 100

Scientific Writing for Impact Factor Journals

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 altmetric 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.

Complexities in Colorectal Surgery: Decision-Making and Management provides a unique, modern, practical guide that covers the strategic evaluation, 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 abdominal, 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.

This book is a guide specifically for Early Career Researchers on how to publish in the Biological Sciences, whether that be your first manuscript or if you're already experienced - there's something for everyone. Following on from How to Write a PhD in Biological Sciences: A Guide for the Uninitiated, it will guide you through taking your manuscript to publication in peer-reviewed journals and disseminating your research more broadly. It talks you through the peer-review process, including how to respond to reviewers' comments, the meaning and importance of Impact Factors and how to get citations. It also explores the changes in the academic community around Open Access and other debates, including transparency, overlay journals, paywalls, publication bias, predatory journals and the dangers of bullying. Whether you are a student just completing your studies, or a supervisor struggling with rejections, this book will provide the insider information you need to get ahead.

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.

A Primer for Librarians

Engineering Research Methodology

Becoming Metric-Wise

Misconduct and Manipulation in Academic Research

ECRM 2013

Demystifying eResearch: A Primer for Librarians

Business Schools, Consultants, Media

This Brief introduces engineers to the main principles in ethics, research design, statistics, and publishing of human subject research. In recent years, engineering has become strongly connected to disciplines such as biology, medicine, and psychology. Often, engineers (and engineering students) are expected to perform human subject research. Typical human subject research topics conducted by engineers include human-computer interaction (e.g., evaluating the usability of software), exoskeletons, virtual reality, teleoperation, modelling of human behaviour and decision making (often within the framework of ‘big data’ research), product evaluation, biometrics, behavioural tracking (e.g., of work and travel patterns, or mobile phone use), transport and planning (e.g., an analysis of flows or safety issues), etc. Thus, it can be said that knowledge on how to do human subject research is indispensable for a substantial portion of engineers. Engineers are generally well trained in calculus and mechanics, but may lack the appropriate knowledge on how to do research with human participants. In order to do high-quality human subject research in an ethical manner, several guidelines have to be followed and pitfalls have to be avoided. This book discusses these guidelines and pitfalls. The aim is to prepare engineers and engineering students to carry out independent research in a responsible manner.

Despite progress, the Western higher education system is still largely dominated by scholars from the privileged classes of the Global North. This book presents examples of efforts to diversify points of view, include previously excluded people, and decolonize curricula. What has worked? What hasn't? What further visions do we need? How can we bring about a more democratic and just academic life for all? Written by scholars from different disciplines, countries, and backgrounds, this book offers an internationally relevant, practical guide to ‘doing diversity’ in the social sciences and humanities and decolonising higher education as a whole.

Bibliometrics and altmetrics are increasingly becoming the focus of interest in the context of research evaluation. The Handbook Bibliometrics provides a comprehensive introduction to quantifying scientific output in addition to a historical derivation, individual indicators, institutions, application perspectives and data bases. Furthermore, application scenarios, training and qualification on bibliometrics and their implications are considered.

The Encyclopedia of Library and Information Sciences, comprising of seven volumes, now in its fourth edition, compiles the contributions of major researchers and practitioners and explores the cultural institutions of more than 30 countries. This major reference presents over 550 entries extensively reviewed for accuracy in seven print volumes or online. The new fourth edition, which includes 55 new entries and 60 revised entries, continues to reflect the growing convergence among the disciplines that influence information and the cultural record, with coverage of the latest topics as well as classic articles of historical and theoretical importance.

Policy Analysis And Modeling Of The Global Economy: A Festschrift Celebrating Thomas Hertel

A Practical Insight for Researchers

An Introduction to Bibliometrics

Developments in Management Science in Engineering 2017

Research & Teaching Aptitude Paper-1

Subject Access to Information: An Interdisciplinary Approach

Introduction to Reference Sources in the Health Sciences, Sixth Edition

Innovative technologies are changing the way research is performed, preserved, and communicated. Managing Scientific Information and Research Data explores how these technologies are used and provides detailed analysis of the approaches and tools developed to manage scientific information and data. Following an introduction, the book is then divided into 15 chapters discussing the changes in scientific communication; new models of publishing and peer review; ethics in scientific communication; preservation of data; discovery tools; discipline-specific practices of researchers for gathering and using scientific information; academic social networks; bibliographic management tools; information literacy and the information needs of students and researchers; the involvement of academic libraries in eScience and the new opportunities it presents to librarians; and interviews with experts in scientific information and publishing. Promotes innovative technologies for creating, sharing and managing scientific content Presents new models of scientific publishing, peer review, and dissemination of information Serves as a practical guide for researchers, students, and librarians on how to discover, filter, and manage scientific information Advocates for the adoption of unique author identifiers such as ORCID and ResearcherID Looks into new tools that make scientific information easy to discover and manage Shows what eScience is and why it is becoming a priority for academic libraries Demonstrates how Electronic Laboratory Notebooks can be used to record, store, share, and manage research data Shows how social media and the new area of Altmetrics increase researchers' visibility and measure attention to their research Directs to sources for datasets Provides directions on choosing and using bibliographic management tools Critically examines the metrics used to evaluate research impact Aids strategic thinking and informs decision making

The latest interventional and monitoring studies to date worldwide give us an excellent overview of our current state of knowledge on the physiological interactions between nutrition and exercise. This wealth of evidence covers aspects like body weight, metabolism, fatty tissue, hormones, the cardiovascular system and skeletal structures – all ultimate determinants of immunity. The book you hold in your hands is based on the findings generated by such long-term investigations. Herein, each topic is dealt with page by page in an understandable manner. The reader will find illustrations and discussions of key physiological adaptation mechanisms and the basic principles of preventive healthcare. This non-fiction work has been written to be easily comprehensible for all individuals interested in learning the salient facts about the popular subjects of health, fitness and nutrition. For this 3rd edition, the text has been revised and updated to the state of the art in science and medicine, including the addition of 11 new topics.

Drawing on the research of experts from the fields of computing and library science, this ground-breaking work will show you how to combine two very different approaches to classification to create more effective, user-friendly information-retrieval systems. • Provides an interdisciplinary overview of current and potential approaches to organizing information by subject • Covers both pure computer science and pure library science topics in easy-to-understand language accessible to audiences from both disciplines • Reviews technological standards for representation, storage, and retrieval of varied knowledge-organization systems and their constituent elements • Suggests a collaborative approach that will reduce duplicate efforts and make it easier to find solutions to practical problems

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 in engineering. This book identifies the main research categories of MSE, and evaluates and classifies each journal in this field. It has been developed through the joint efforts of scientific board members, many of whom are editors-in-chief of significant journals, academics, and members and fellows of various relevant societies. It will be of interest to 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.

Towards an Impact Factor \ Smile Dental Journal - 2013, Vol 8, No. 4

Gaming the Metrics

Unconventional Methodology in Organization and Management Research

A Practical Guide

Encyclopedia of Library and Information Sciences

Research on the Growth of the Global, Interdisciplinary, Socio-behavioral Science Field and Emergent Inter-discipline

Diversity, Inclusion, and Decolonization

As the academic and scholarly landscape are continuously enhanced by the advent of new technology, librarians must be aware and informed to develop and implement best practices. Effective administration of libraries is a crucial part of delivering library services to patrons and ensuring that information resources are disseminated efficiently. Advanced Methodologies and Technologies in Library Science, Information Management, and Scholarly Inquiry provides emerging information and knowledge management and effective means of sharing research through libraries. While highlighting the importance of digital literacy and information resources, readers will also learn new methods in information retrieval and research methods in quality scholarly inquiry. This book is an important resource for librarians, administrators, information science professionals, information technology specialists, students, and researchers seeking current information on the importance of effective library science technology.

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, as well as 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 publishing 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

Why psychology is in peril as a scientific discipline—and how to save it Psychological science has made extraordinary discoveries about the human mind, but it can't be everything its practitioners are telling us! In recent years, it has become increasingly apparent that a lot of research in psychology is based on weak evidence, questionable practices, and sometimes even fraud. The Seven Deadly Sins of Psychology diagnoses the ills besetting the discipline today and proposes sensible, practical solutions to ensure that it remains a legitimate and reliable science in the years ahead. In this unflinchingly candid manifesto, Chris Chambers shows how practitioners are vulnerable to powerful biases that undercut the scientific method, how they routinely torture data until it produces outcomes that can be published in prestigious journals, and how studies are much less reliable than advertised. Left unchecked, these and other problems threaten the future of psychology as a science—help us here.

Defining Management charts the expansion of management as an idea and practice from a time when it was limited to churches and households to its current ubiquity, focusing in particular on the role of business schools, consultants, and business media in this process. How did an entire industry develop around business schools, consultants, and business media who are now widely considered the authorities regarding best management practice? This book shows how these actors – on their own and in interaction – became taken-for-granted and gained such definitional power over management and managers, expanded across the globe from often modest and not always respected origins, and impacted, and continue to impact businesses and, increasingly, the broader economic and social context. Building on extant and some new research, the book is unique in bringing together issues and actors that have been examined elsewhere separately.

Any student or professional of management interested in the evolution of their field or the rise of business schools, consultants and business media will find this book both novel and thought-provoking.

Human Subject Research for Engineers

Handbook of Bibliometric Indicators

A Manifesto for Reforming the Culture of Scientific Practice

Practical Tools for Improving Teaching, Research, and Scholarship

Defining Management

Encyclopedia of Forensic and Legal Medicine

The Future of the Academic Journal

Towards an Impact Factor //Smile Dental Journal - 2013, Vol 8, No. 4Staying healthy from 1 to 100Diet and exercise current medical knowledge on how to keep healthySpringer

2022-23 NTA UGC-NET/JRF Vol. 2 Research & Teaching Aptitude Paper-1 Chapter-wise Solved Papers

This report assesses the impact of IPFRI 's social-protection research program (GRP28) from 2000 to 2012 (including its predecessor, MP18). The assessment includes an extensive review of public goods produced by the program, stakeholder perceptions of the program ' s public goods and research activities, case studies (Bangladesh, London, Mexico, Rome, and Washington, DC), and policy or programming changes that resulted from IPFRI-sponsored research, capacity strengthening, and research-policy linkages between 2000 and 2012. Over 40 interviews were conducted with national stakeholders, donors, IPFRI staff, government officials, and individuals who participated in or had knowledge of IPFRI ' s activities regarding social protection during this timeframe. IPFRI ' s social-protection research activities conducted under the GRP28 are ongoing and extend beyond the 2012 endline of this assessment. GRP28 research activities initiated during the latter part of the 12-year timeframe (that is, in 2010, 2011, or 2012) are limited or absent from this assessment if results had not been published at the time the study was initiated early in the summer of 2014.

eResearch presents new challenges in managing data. This book explains to librarians and other information specialists what eResearch is, how it impacts library services and collections, and how to contribute to eResearch activities at their parent institutions. • Provides librarians and other information professionals with a clear understanding of what eResearch is and how it impacts library mission, services, and collections • Defines and explains key eResearch terms and concepts • Describes eResearch user initiatives and identifies best practices • Identifies potential eResearch activities areas such as providing assistance with data management plans, depositing data, collecting and disseminating data sets, collaborating with faculty on eResearch projects, performing research consultations, and creating train-the-trainer programs

A Guide for the Uninitiated

New Analytical Directions

How to Publish in Biological Sciences

Governance of Research Organizations

Impact Factor //World Family Medicine Journal

Decision-Making and Management

Virtues, Communication, Research, and Academic Writing

Most researchers in organization and management studies stick to two or three traditional research methods like surveys and interviews. Sticking with the familiar is seen as a safe bet, and innovation is discouraged by academic incentives and rewards. But research participants are now suffering from 'survey fatigue', and using the same old methods runs the risk of generating the same old findings. This book describes twelve unconventional methodologies in organization and management research. These include unconventional research settings and data sources, unconventional research designs and data collection methods, unconventional analytic approaches, and designs and methods that exploit new technology developments. The aim is to encourage dialogue and experimentation with regard to the development of innovative, unconventional approaches to organization and management research. Several commentators have criticized the way in which research methods have become more formalized and routinized over the years, and the methodological perspective that the we adopt shapes our interpretation of the information that we gather. Different methods generate different kinds of information, leading to different ways of understanding the phenomena that we are investigating. Our methods influence our styles of theorizing, ways of thinking and reasoning, and forms of writing and reporting research. This book will be of value to academic researchers in organization and management studies, Doctoral candidates, and Masters students on MBA and similar programmes. The book covers all the important aspects of research methodology, and addresses the specific requirements of engineering students, such as methods and tools, in detail. It also discusses effective research in engineering today, which requires the ability to undertake literature reviews utilizing different online databases, to attribute credit for any prior work mentioned, to respect intellectual property rights while simultaneously maintaining ethics in research, and much more. Further, the book also considers soft skills like research management and planning, dealing with criticism in research and presentation skills, which are all equally important and need to include in research methodology education. Lastly, it provides the technical knowhow needed to file patents in academia, an important area that is often ignored in research methodology books. The book is a particularly valuable resource for PhD students in India and South East Asia, as research methodology is a part of their coursework.

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 immunoassays. Available online, and in four printed volumes, the encyclopedia is an essential reference for any 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. Brings together all appropriate aspects of forensic medicine and legal medicine Contains color figures, sample forms, and other materials that 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

Becoming Metric-Wise: A Bibliometric Guide for Researchers aims to inform researchers about metrics so that they become aware of the evaluative techniques being applied to their scientific output. Understanding these concepts will help them during their funding initiatives, and in hiring and tenure. The book not only describes what indicators do (or are designed to do, which is not always the same thing), but also gives precise mathematical formulae so that indicators can be properly understood and evaluated. Metrics have become a critical issue in science, with widespread international discussion taking place on the subject across scientific journals and organizations. As researchers should know the publication-citation context, the mathematical formulae of indicators being used by evaluating committees and their consequences, and how such indicators might be misused, this book provides an ideal tome on the topic. Provides researchers with a detailed understanding of bibliometric indicators and their applications Empowers researchers looking to understand the indicators relevant to their work and careers Presents an informed and rounded picture of bibliometrics, including the strengths and shortcomings of particular indicators Supplies the mathematics behind bibliometric indicators so they can be properly understood Written by authors with longstanding expertise who are considered global leaders in the field of bibliometrics

Developments in Management Science in Engineering 2018

The Seven Deadly Sins of Psychology

Open Access Implications for Sustainable Social, Political, and Economic Development

New Development and Trends

Complexities in Colorectal Surgery

Managing Scientific Information and Research Data

How to Practice Academic Medicine and Publish from Developing Countries?

How the increasing reliance on metrics to evaluate scholarly publications has produced new forms of academic fraud and misconduct. The traditional academic imperative to “publish or perish” is increasingly coupled with the newer necessity of “impact or perish”—the requirement that a publication have “impact,” as measured by a variety of metrics, including citations, views, and downloads. Gaming the Metrics examines how the increasing reliance on metrics to evaluate scholarly publications has produced radically new forms of academic fraud and misconduct. The contributors show that the metrics-based “audit culture” has changed the ecology of research, fostering the gaming and manipulation of quantitative indicators, which lead to the invention of such novel forms of misconduct as citation rings and variously rigged peer reviews. The chapters, written by both scholars and those in the trenches of academic publication, provide a map of academic fraud and misconduct today. They consider such topics as the shortcomings of metrics, the gaming of impact factors, the emergence of so-called predatory journals, the “salami slicing” of scientific findings, the rigging of global university rankings, and the creation of new watchdogs and forensic practices.

Complete proceedings of the 13th European Conference on Research Methodology for Business and Management Studies ECRM 2013 PRINT version Published by Academic Conferences and Publishing International Limited.

Open access publishing can be used as a strategic tool to avail access to information and achieve universal literacy. Open access has gained importance over the past 15 years by making knowledge available to all, without any barrier of affordability or restrictions on using this knowledge to inform and develop. Open access contributes to scientific research excellence, disseminates research results to a wider community, and promotes multi-disciplinary and collaborative research. Issues of sustainable development and open access are major concerns in librarianship and information management. The international library and information management community is focusing on how to contribute to the Sustainable Development Goals. Open Access Implications for Sustainable Social, Political, and Economic Development is a pivotal reference source that provides an understanding of the concept of open access within the context of social, political, and economic development and deliberates the critical issues and challenges that face the implementation of open access and its impact on the global economy and sustainable development. While highlighting a broad range of topics including digital scholarship, open data, and ethics, this book is ideally designed for librarians, information science professionals, government officials, policymakers, academicians, researchers, and students.

A concise, easy-to-read source of essential tips and skills for writing research papers and career management In order to be truly successful in the biomedical professions, one must have excellent communication skills and networking abilities. Of equal importance is the possession of sufficient clinical knowledge, as well as a proficiency in conducting research and writing scientific papers. This unique and important book provides medical students and residents with the most commonly encountered topics in the academic and professional lifestyle, teaching them all of the practical nuances that are often only learned through experience. Written by a team of experienced professionals to help guide younger researchers, A Guide to the Scientific Career: Virtues, Communication, Research and Academic Writing features ten sections composed of seventy-four chapters that cover: qualities of research scientists; career satisfaction and its determinants; publishing in academic medicine; assessing a researcher's scientific productivity and scholarly impact; manners in academics; communication skills; essence of collaborative research; dealing with manipulative people; writing and scientific misconduct; ethical and legal aspects; plagiarism; research regulations, proposals, grants, and practice; publication and resources; tips on writing every type of paper and report; and much more. An easy-to-read source of essential tips and skills for scientific research Emphasizes good communication skills, sound clinical judgment, knowledge of research methodology, and good writing skills Offers comprehensive guidelines that address every aspect of the medical student/resident academic and professional lifestyle Combines elements of a career-management guide and publication guide in one comprehensive reference source Includes selected personal stories by great researchers, fascinating writers, inspiring mentors, and extraordinary clinicians/scientists A Guide to the Scientific Career: Virtues, Communication, Research and Academic Writing is an excellent interdisciplinary text that will appeal to all medical students and scientists who seek to improve their writing and communication skills in order to make the most of their chosen career.

Incorporating the Middle East Journal of Family Medicine - 2013, Vol. 11, No. 3

A Guide to the Scientific Career

Ex-Post impact assessment review of IPFRI ' s research program on social protection, 2000–2012

ECRM2013-Proceedings of the 12th European Conference on Research Methods

Quantitative Tools for Studying and Evaluating Research

Incentives and Performance

Collaboration in Designing a Pedagogical Approach in Information Literacy

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.

This article provides a survey of the growth of research on Nonprofit Sector and Voluntary Action Research, now termed simply voluntaristics. The author founded the organized, global, interdisciplinary, socio-behavioral science field of voluntaristics in 1971, with his formation and establishment of the Association for Research on Nonprofit Organizations and Voluntary Action (ARNOVA; www.arnova.org). Voluntaristics, after more than 40 years of growth, now qualifies as a new, global, integrative, academic discipline in the socio-behavioral sciences and related social professions, not just as one of many interdisciplinary fields of research, according to six defining criteria for a discipline.

Prepared in collaboration with the Medical Library Association, this completely updated, revised, and expanded edition lists classic and up-to-the-minute print and electronic resources in the health sciences, helping librarians find the answers that library users seek. Included are electronic versions of traditionally print reference sources, trustworthy electronic-only resources, and resources that library users can access from home or on the go through freely available websites or via library licenses. In this benchmark guide, the authors include new chapters on health information seeking, point-of-care sources, and global health sources. Focus on works that can be considered foundational or essential, in both print and electronic formats. Address questions librarians need to consider in developing and maintaining their reference collections. When it comes to questions involving the health sciences, this valuable resource will point both library staff and the users they serve in the right direction.