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Introduction to Reference Sources in the Health

Sciences, Sixth Edition Jeffrey T. Huber 2014

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.

After the Crisis James G. Carrier 2016-02-12

After the Crisis: Anthropological Thought, Neoliberalism and the Aftermath offers a thought-provoking examination of the state of contemporary anthropology, identifying key issues that have confronted the discipline in recent years and linking them to neoliberalism, and suggesting how we might do things differently in the future.

The first part of the volume considers how anthropology has come to resemble, as a result of the rise of postmodern and poststructural approaches in the field, key elements of neoliberalism and neoclassical economics by rejecting the idea of system in favour of

individuals. It also investigates the effect of the economic crisis on funding and support for higher education and addresses the sense that anthropology has 'lost its way', with uncertainty over the purpose and future of the discipline. The second part of the book explores how the discipline can overcome its difficulties and place itself on a firmer foundation, suggesting ways that we can productively combine the debates of the late twentieth century with a renewed sense that people live their lives not as individuals, but as enmeshed in webs of relationship and obligation.

Global University Rankings T. Erkkilä 2013-09-26

Global University Rankings explores the novel topic of global university rankings and their effects on higher education in Europe. The contributions in this volume outline different discourses on global university rankings and explore the related changes concerning European higher education policies, disciplinary traditions and higher education institutions. The first global university rankings were published less than a decade ago, but these policy instruments have become highly influential in shaping the approaches and institutional realities of higher education. The rankings have portrayed European academic institutions in a varying light. There is intense reflexivity over the figures, leading to ideational changes and institutional adaptation that take surprisingly similar forms in different European countries. The contributions in this book critically

assess global university rankings as a policy discourse that would seem to be instrumental to higher education reform throughout Europe.

Engineering Education and Management Liangchi Zhang 2011-11-25

This is the proceedings of the selected papers presented at 2011 International Conference on Engineering Education and Management (ICEEM2011) held in Guangzhou, China, during November 18-20, 2011.

ICEEM2011 is one of the most important conferences in the field of Engineering Education and Management and is co-organized by Guangzhou University, The University of New South Wales, Zhejiang University and Xi'an Jiaotong University. The conference aims to provide a high-level international forum for scientists, engineers, and students to present their new advances and research results in the field of Engineering Education and Management. This volume comprises 122 papers selected from over 400 papers originally submitted by universities and industrial concerns all over the world. The papers specifically cover the topics of Management Science and Engineering, Engineering Education and Training, Project/Engineering Management, and Other related topics. All of the papers were peer-reviewed by selected experts. The papers have been selected for this volume because of their quality and their relevancy to the topic. This volume will provide readers with a broad overview

of the latest advances in the field of Engineering Education and Management. It will also constitute a valuable reference work for researchers in the fields of Engineering Education and Management.

Issues in Informing Science & Information

Technology, Volume 9 (2012) Eli B. Cohen 2012

How to Get Published in the Best

Entrepreneurship Journals Alain Fayolle

2014-01-31 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. &a

Social Sciences and Cultural Studies Asunción

Lopez-Varela Azcárate 2012-09-19 This is a

unique and groundbreaking collection of

questions and answers coming from higher

education institutions on diverse fields and across

a wide spectrum of countries and cultures. It

creates routes for further innovation, collaboration

amidst the Sciences (both Natural and Social)

and the Humanities and the private and the public

sectors of society. The chapters speak across

socio-cultural concerns, education, welfare and

artistic sectors under the common desire for

direct responses in more effective ways by means

of interaction across societal structures.

Scientific writing for agricultural research

scientists Youdeowei, A. 2012-12-31 This new,

fully revised edition aims to serve as a guide for

agricultural research scientists and other

practitioners in writing papers for publication. It

also looks to provide a resource manual for

training courses in scientific writing. There are

three new chapters on reporting statistical results,

communicating science to non-scientific

audiences and electronic publishing. In addition,

the original chapters have all been rewritten to

reflect current developments and to make the

content more complete and easily

comprehensible.

Landslides: Global Risk Preparedness Kyoji

Sassa 2012-08-31 This book presents the global

landslide risk preparedness implemented through

the International Programme on Landslides (IPL).

IPL was initiated by the International Consortium

on Landslides (ICL) in 2002, and developed to a

joint international programme by the IPL Global

Promotion Committee (UNESCO, WMO, FAO,

UNISDR, UNU, ICSU and WFEO as well as ICL)

through the 2006 Tokyo Action Plan. The

materials consists of four parts: Outline of the

International Programme on Landslides & IPL

Global Promotion Committee; Achievements of

major IPL projects in research and capacity

building; World Centres of Excellence on

Landslide Risk Reduction (WCoEs) and Landslide

School Network; Key documents of IPL and ICL

including Tokyo Action Plan, Application of ICL,

IPL Projects, WCoEs and Landslide School

Network

Reviewing Political Criticism Elisabeth K. Chaves

2016-04-08 Reviewing Political Criticism

examines the rise of the 'review' form of journal publication, from the early eighteenth to the early twenty-first centuries. The review belongs to a long tradition of written political criticism that first advised, then revised, and with the increased confidence afforded to civil society by the rise of market capitalism, subsequently challenged and even transformed the state's view on what and how it governed. Chaves investigates the crucial nexus of intellectual debate with political judgment over this time, and highlights the review's central role in upholding this connection. Focusing upon critical moments that required the exercise of political judgment, the book explains this journal form as a means of political practice, one that essentially 're-views' the state's view of how society should be ordered. To understand critical activity, one must reflect on where this activity takes place—on the institutions of criticism that sustain it. Referred to by some as the 'natural habitat' of intellectuals, journals, as the institutionalized sites of theoretical discourse, are often overlooked. This groundbreaking book offers a concentrated critique of the review form of journal publication as a medium for political thought and action, as a decisive site for political judgment by the state's conservers and critics.

Marketing and Consumer Behavior: Concepts, Methodologies, Tools, and Applications

Management Association, Information Resources

2014-12-31 As marketing professionals look for

ever more effective ways to promote their goods and services to customers, a thorough understanding of customer needs and the ability to predict a target audience's reaction to advertising campaigns is essential. *Marketing and Consumer Behavior: Concepts, Methodologies, Tools, and Applications* explores cutting-edge advancements in marketing strategies as well as the development and design considerations integral to the successful analysis of consumer trends. Including both in-depth case studies and theoretical discussions, this comprehensive four-volume reference is a necessary resource for business leaders and marketing managers, students and educators, and advertisers looking to expand the reach of their target market.

Understanding Management in China Malcolm

Warner 2013-11-12 China has become one of the

fastest-growing economies ever seen in the world in recent times. In the last three decades, China has transformed itself from a command economy to a market one, albeit a nominally socialist one, and its management systems have been reformed accordingly. In the light of these changes, Malcolm Warner, one of the leading authorities on management in China, explores the past, present and future of Chinese management. The first part of the work examines the history of management practices in the 'Middle Kingdom',

outlining the influence of traditional Chinese values, especially the Confucian inheritance, and the legacy of the imperial bureaucracy with its meritocratic examination system, as well as the role of industrialization and the influx of foreign-owned businesses in the late nineteenth century and the twentieth century. It next goes on to consider the current state of China's management, showing how a new breed of manager has evolved since the beginning of Deng Xiaoping's reforms in the late 1970s and 1980s. The resulting impact of this strategy which has continued into the 1990s and the 2000s, up to the present day, is then examined. The final part of the book concludes with reflections on how management in China is likely to develop in the near future, especially on how far it will converge with global practices or to what degree an indigenous form of management 'with Chinese characteristics' will prevail.

World University Rankings: Statistical Issues And

Possible Remedies Soh Kay Cheng 2017-03-08

World university ranking started one and a half decades ago for the purpose of understanding what makes an excellent institution of higher education. Subsequent to the appearance of the Academic Ranking of World Universities at the Shanghai Jiaotong University, there soon emerged the QS World University Rankings and the Times Higher Education World University Rankings. These three ranking systems are

considered the classics as they are the fore-runners, although no less than ten new systems have come to the arena. The various ranking systems adopt a common approach of weight-and-sum to process the indicator data. Each system, somewhat arbitrarily, decides on a set of indicators and assigns different weights to these, presumably reflecting their relative importance. This simple (and simplistic) approach meets well common sense. And, in fact, much of the discussion on world university rankings is conducted at the commonsensical level. However, analyses conducted in the recent years uncovered several problems of the prevalent approach: spurious precision, mutual compensation, weight discrepancy, indicator redundancy, etc., which render the overall scores and ranking suspect in terms of validity. These are due to systems ignoring the fact that world university rankings are a form of social measurement and therefore need be seen from this perspective. Moreover, rankings encourage competition and, in the highly competitive world of today, it is natural that institutional attention is focused on the ranking results. By now, the original purpose of world university ranking seems to have been overshadowed, and world university rankings look more like international academic contests, as though they are annual sports meets. This monograph collects together many articles pertaining to the identified measurement and

statistical issues of world university rankings and suggests remedies to make ranking results more trustworthy.

Characterization of Semiconductor

Heterostructures and Nanostructures Giovanni

Agostini 2013-04-11 Characterization of

Semiconductor Heterostructures and

Nanostructures is structured so that each chapter is devoted to a specific characterization technique used in the understanding of the properties

(structural, physical, chemical, electrical etc..) of semiconductor quantum wells and superlattices.

An additional chapter is devoted to ab initio modeling. The book has two basic aims. The first is educational, providing the basic concepts of each of the selected techniques with an approach understandable by advanced students in Physics, Chemistry, Material Science, Engineering, Nanotechnology. The second aim is to provide a selected set of examples from the recent literature of the TOP results obtained with the specific technique in understanding the properties of semiconductor heterostructures and nanostructures. Each chapter has this double structure: the first part devoted to explain the basic concepts, and the second to the discussion of the most peculiar and innovative examples. The topic of quantum wells, wires and dots should be seen as a pretext of applying top level characterization techniques in understanding the structural, electronic etc properties of matter at

the nanometer (and even sub-nanometer) scale.

In this respect it is an essential reference in the much broader, and extremely hot, field of Nanotechnology. Comprehensive collection of the most powerful characterization techniques for semiconductors heterostructures and nanostructures Most of the chapters are authored by scientists that are world-wide among the top-ten in publication ranking of the specific field

Each chapter starts with a didactic introduction on the technique The second part of each chapters deals with a selection of top examples highlighting the power of the specific technique to analyse the properties of semiconductors heterostructures and nanostructures

The Future of the Academic Journal Bill Cope

2014-07-01 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

Handbook Bibliometrics Rafael Ball 2020-12-07

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.

Frontiers in Sports and Active Living: Anniversary Edition Frontiers Editorial Office 2020-05-15 As we celebrate one year since the launch of Frontiers in Sports and Active Living, in this anniversary edition we wish to showcase a collection of selected articles published across both the natural and social science specialty sections. Led by Gregoire Millet (University of Lausanne) and Richard Giulianotti (Loughborough University), Frontiers in Sports in Active Living provides a multidisciplinary platform to examine sports, physical activity, exercise training and active living from all perspectives and, as a journal, we would like to thank all our editors and authors for their contributions and support.

Toward Quality Assurance and Excellence in Higher Education Ahmed Odeh Al Jaber

2022-09-01 Quality Assurance is not a new concept in the education sector in general, and higher education in particular, though it is becoming increasingly more relevant and important. Higher education helps to improve an individual's quality of life by enabling them to inflate their knowledge and expertise, to grasp abstract concepts and theories, and to raise their awareness of the world and their community, and as such the assurance of quality is becoming more pivotal in the whole education process. There is no simple definition of the concept of quality in education, though numerous models and theories have been devised. Toward Quality Assurance and Excellence of Higher Education is a new episode of the Quality Assurance perception in higher education, which identifies the quality culture and orientation from the beginning, integrating crucial factors to build a "pyramid" of higher education excellence. The book compares concepts from the main theories of Quality Assurance, management and control when they are applied to educational systems in higher education. The book also presents a new model of excellence in higher education. Excellence is an architecture of building blocks that comes with process performance, effectiveness, harmony and collaboration which should be incorporated in a quality-oriented

concept of a sustainable excellence of higher education. The model integrates four main facets: the Educational System, Quality Assurance Managing and Control, Strategic Planning and Globalization. Also presented are international “best-practices” in quality assurance in higher education, from Japan and Finland.

Science Dynamics and Research Production

Nikolay K. Vitanov 2016-08-01 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.

Managing Media Firms and Industries Gregory Ferrell Lowe 2015-08-20 This volume provides rich insight into the nature and practice of media management. Contributions assess the degree to which management of media firms requires a unique set of skills, highlighting similarities and differences of media firms compared with other industries in terms of management practices, HR development and operational aspects. Success and limitations of research on media management theory is evaluated, both drawing on management theory and examining insights from other disciplines. Dimensions for future research are considered along with practical implications for media managers and corporate structures. The book serves as a valuable reference for researchers, advanced students and practitioners

in media industries.

Health Sciences Librarianship M. Sandra Wood
2014-05-09 This comprehensive textbook of health sciences librarianship provides the library student and new librarian with the background and skills necessary to handle day-to-day activities and provide quality services in a health sciences library or a more general library serving students and practitioners in the health professions. The book has 16 chapters, each authored by an experienced medical librarian and is organized logically into 4 sections: The Profession, Collection Services, User Services, and Administrative Services. Each chapter contains photographs, figures, tables, and charts illustrating the essential concepts introduced. Overseen by a 3-member editorial board of leading professors in medical librarianship programs, this authoritative text provides students, beginning, and experienced librarians with a comprehensive overview of state-of-the-art medical librarianship.

Multidimensional Journal Evaluation Stefanie Haustein 2012-04-26 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 Note on the Impact Factor Journals of 'Statistics and Probability' Faisal Qadeer 2014

This brief communications aims at sharing the list of impact factor journals of 'Statistics & Probability' as per the Journal Citation Report 2011 released by Institute of Scientific Information. This would update the academia and practitioner on their information about the ranking of the journals. The study makes country and regions wise comparisons of the changes in no of journals and their mean impact factors reported in the previous and current reports.

Issues in Information Science—Information Technology, Systems, and Security: 2012 Edition
2013-01-10 Issues in Information Science—Information Technology, Systems, and Security: 2012 Edition is a ScholarlyEditions™ eBook that delivers timely, authoritative, and comprehensive information about Database Management. The editors have built Issues in Information Science—Information Technology, Systems, and Security: 2012 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Database Management in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and

relevant. The content of *Issues in Information Science—Information Technology, Systems, and Security: 2012 Edition* has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

Game Theory and Networks Surajit Borkotokey

Handbook of Bibliometric Indicators Roberto

Todeschini 2016-08-22 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.

An Introduction to Data Analysis using

Aggregation Functions in R Simon James

2016-11-07 This textbook helps future data analysts comprehend aggregation function theory and methods in an accessible way, focusing on a fundamental understanding of the data and summarization tools. Offering a broad overview of recent trends in aggregation research, it complements any study in statistical or machine learning techniques. Readers will learn how to program key functions in R without obtaining an extensive programming background. Sections of the textbook cover background information and context, aggregating data with averaging functions, power means, and weighted averages including the Borda count. It explains how to transform data using normalization or scaling and standardization, as well as log, polynomial, and rank transforms. The section on averaging with interaction introduces OWS functions and the Choquet integral, simple functions that allow the handling of non-independent inputs. The final chapters examine software analysis with an emphasis on parameter identification rather than technical aspects. This textbook is designed for students studying computer science or business

who are interested in tools for summarizing and interpreting data, without requiring a strong mathematical background. It is also suitable for those working on sophisticated data science techniques who seek a better conception of fundamental data aggregation. Solutions to the practice questions are included in the textbook.

Writing Scientific Research Articles Margaret Cargill 2013-06-04 This book shows scientists how to apply their analysis and synthesis skills to overcoming the challenge of how to write, as well as what to write, to maximise their chances of publishing in international scientific journals. The book uses analysis of the scientific article genre to provide clear processes for writing each section of a manuscript, starting with clear 'story' construction and packaging of results. Each learning step uses practical exercises to develop writing and data presentation skills based on reader analysis of well-written example papers. Strategies are presented for responding to referee comments, and for developing discipline-specific English language skills for manuscript writing and polishing. The book is designed for scientists who use English as a first or an additional language, and for individual scientists or mentors or a class setting. In response to reader requests, the new edition includes review articles and the full range of research article formats, as well as applying the book's principles to writing funding applications. Web support for this book is

available at www.writeresearch.com.au

The SSCI Syndrome in Higher Education Chuing Prudence Chou 2014-02-07 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 SCI 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. Although this book is a case study of so-called 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 Western (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

Understanding and Evaluating Research Sue L. T. McGregor 2017-10-25 *Understanding and Evaluating Research: A Critical Guide* shows students how to be critical consumers of research and to appreciate the power of methodology as it shapes the research question, the use of theory in the study, the methods used, and how the outcomes are reported. The book starts with what it means to be a critical and uncritical reader of research, followed by a detailed chapter on methodology, and then proceeds to a discussion of each component of a research article as it is informed by the methodology. The book encourages readers to select an article from their discipline, learning along the way how to assess each component of the article and come to a judgment of its rigor or quality as a scholarly report.

Intervention Research Bernadette Mazurek Melnyk, PhD, RN, CPNP/ PMHNP, FNAP, FAAN 2012-04-23 2012 First Place AJN Book of the

Year Award Winner in Nursing Research! "This is a resource for success and should be a part of any researcher's library."--Doody's Medical Reviews This book is a practical, user-friendly guide for health care researchers across multiple disciplines who are involved in intervention research. It provides all of the essential elements needed for understanding how to design, conduct, analyze, and fund intervention studies that are replicable and can withstand the scrutiny of the Institutional Review Board and peer review. Developed from an annual continuing education workshop on intervention studies conducted by Dr. Melnyk, this text is the most comprehensive body of information available on this topic. Contributors address the design of interventions that are ethically considerate and sensitive to culture, race/ethnicity, and gender, minimizing threats to external and internal validity, measurement, and budgeting. The guide explores such implementation issues as subject recruitment and retention, data management, and specialized settings, cost analysis, and explaining intervention effects. The text also guides readers in writing grant applications that fund , and addresses how to move intervention study findings into the real world. A unique addition to the book is the availability of digital examples of progress reports, final reports, and research grant applications that have received funding from the National Institutes of Health and other relevant

organizations. This text is a valuable resource for all health care professionals conducting research and for doctoral students in health care studies. Key Features: Presents the essential tools for designing, conducting, analyzing, and funding intervention studies Designed for use by health care professionals conducting intervention research Provides comprehensive, accessible guidelines for doctoral students across all health care disciplines Instructs readers on writing grant applications that fund Includes digital examples of funded research grants, progress reports, and final reports

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

Using Regression Analysis Giorgos Kouropoulos
2017-12-15 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 Statscrops 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.

Advances in Computational Intelligence, Part IV
Salvatore Greco 2012-07-23 These four volumes (CCIS 297, 298, 299, 300) constitute the proceedings of the 14th International Conference on Information Processing and Management of Uncertainty in Knowledge-Based Systems, IPMU 2012, held in Catania, Italy, in July 2012. The 258 revised full papers presented together with six invited talks were carefully reviewed and selected from numerous submissions. The papers are organized in topical sections on fuzzy machine learning and on-line modeling; computing with words and decision making; soft computing in computer vision; rough sets and complex data

analysis: theory and applications; intelligent databases and information system; information fusion systems; philosophical and methodological aspects of soft computing; basic issues in rough sets; 40th anniversary of the measures of fuzziness; SPS11 uncertainty in profiling systems and applications; handling uncertainty with copulas; formal methods to deal with uncertainty of many-valued events; linguistic summarization and description of data; fuzzy implications: theory and applications; sensing and data mining for teaching and learning; theory and applications of intuitionistic fuzzy sets; approximate aspects of data mining and database analytics; fuzzy numbers and their applications; information processing and management of uncertainty in knowledge-based systems; aggregation functions; imprecise probabilities; probabilistic graphical models with imprecision: theory and applications; belief function theory: basics and/or applications; fuzzy uncertainty in economics and business; new trends in De Finetti's approach; fuzzy measures and integrals; multi criteria decision making; uncertainty in privacy and security; uncertainty in the spirit of Pietro Benvenuti; cooperation; game theory; probabilistic approach.

Educational Rankings Annual 2006 Lynn C. Hattendorf Westney 2005-09 Presents more than 4400 national, regional, local and international lists and rankings compiled from hundreds of respected sources.

Applied Evaluative Informetrics Henk F. Moed

2017-09-08 This book presents an introduction to the field of applied evaluative informetrics, dealing with the use of bibliometric or informetric indicators in research assessment. It sketches the field's history, recent achievements, and its potential and limits. The book dedicates special attention to the application context of quantitative research assessment. It describes research assessment as an evaluation science, and distinguishes various assessment models, in which the domain of informetrics and the policy sphere are disentangled analytically. It illustrates how external, non-informetric factors influence indicator development, and how the policy context impacts the setup of an assessment process. It also clarifies common misunderstandings in the interpretation of some often used statistics. Addressing the way forward, the book expresses the author's critical views on a series of fundamental problems in the current use of research performance indicators in research assessment. Highlighting the potential of informetric techniques, a series of new features is proposed that could be implemented in future assessment processes. It sketches a perspective on altmetrics and proposes new lines in longer term, strategic indicator research. It is written for interested scholars from all domains of science and scholarship, and especially for all those subjected to research assessment, research

students at advanced master and PhD level, research managers, funders and science policy officials, and to practitioners and students in the field.

Neural Advances in Processing Nonlinear Dynamic Signals Anna Esposito 2018-07-21 This book

proposes neural networks algorithms and advanced machine learning techniques for processing nonlinear dynamic signals such as audio, speech, financial signals, feedback loops, waveform generation, filtering, equalization, signals from arrays of sensors, and perturbations in the automatic control of industrial production processes. It also discusses the drastic changes in financial, economic, and work processes that are currently being experienced by the computational and engineering sciences community. Addresses key aspects, such as the integration of neural algorithms and procedures for the recognition, the analysis and detection of dynamic complex structures and the implementation of systems for discovering patterns in data, the book highlights the commonalities between computational intelligence (CI) and information and communications technologies (ICT) to promote transversal skills and sophisticated processing techniques. This book is a valuable resource for a. The academic research community b. The ICT market c. PhD students and early stage researchers d. Companies, research institutes e.

Representatives from industry and standardization bodies

Springer Handbook of Science and Technology

Indicators Wolfgang Glänzel 2019-10-30 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.

The Oxford Handbook of Qualitative Research

Patricia Leavy PhD 2014-04-07 The Oxford Handbook of Qualitative Research presents a comprehensive overview of the field of qualitative research. It is intended for students of all levels, faculty, and researchers across the social sciences. The contributors represent some of the most influential and innovative researchers in the field as well as emerging scholars. This handbook provides a broad introduction to the field of qualitative research to those with little to no background in the subject, while simultaneously providing substantive contributions to the field that will be of interest to even the most experienced researchers. It serves as a user-friendly teaching tool suitable for a range of undergraduate or graduate courses, as well as individuals working on their thesis or other research projects. With a focus on methodological instruction, this volume offers both a retrospective and prospective view

of the field. The first two sections explore the history of the field, ethics, and philosophical/theoretical approaches. The next three sections focus on the major methods of qualitative practice as well as newer approaches (such as arts-based research and internet research); area studies often excluded (such as museum studies and disaster studies); and mixed methods and participatory methods (such as community-based research). The next section covers key issues including data analysis, interpretation, writing and assessment. The final section offers a commentary about politics and research and the move towards public scholarship.

Recent Advances in Game Theory and Applications Leon A. Petrosyan 2016-09-30 This contributed volume contains fourteen papers based on selected presentations from the European Conference on Game Theory SING11-GTM 2015, held at Saint Petersburg State University in July 2015, and the Networking Games and Management workshop, held at the Karelian Research Centre of the Russian Academy of Sciences in Petrozavodsk, Russia, also in July 2015. These papers cover a wide range of topics in game theory, including recent advances in areas with high potential for future work, as well as new developments on classical results. Some of these include A new approach to

journal ranking using methods from social choice theory; A differential game of a duopoly in which two firms are competing for market share in an industry with network externalities; The impact of information propagation in the model of tax audits; A voting model in which the results of previous votes can affect the process of coalition formation in a decision-making body; The Selten-Szidarovsky technique for the analysis of Nash equilibria of games with an aggregative structure; Generalized nucleoli and generalized bargaining sets for games with restricted cooperation; Bayesian networks and games of deterrence; and A new look at the study of solutions for games in partition function form. The maturity and vitality of modern-day game theory are reflected in the new ideas, novel applications, and contributions of young researchers represented in this collection. It will be of interest to anyone doing theoretical research in game theory or working on one its numerous applications.

Handbook on Research Assessment in the Social Sciences Engels, Tim C.E. 2022-04-19 This Handbook provides a comprehensive overview of current developments, issues and good practices regarding assessment in social science research. It pays particular attention to the challenges in evaluation policies in the social sciences, as well as to the specificities of publishing in the area.