

Scopus Impact Factor Journal

This book is a part of ICL new book series "ICL Contribution to Landslide Disaster Risk Reduction" founded in 2019. Peer-reviewed papers submitted to the Fifth World Landslide Forum were published in six volumes of this book series. This book contains the followings: • Four Forum lectures and one award paper • Sendai Landslide Partnerships, Kyoto Landslide Commitment, and International Programme on Landslides. • Landslide-induced tsunamis • Landslides at UNESCO designates sites and contribution from WMO, FAO, and IRDR • Education and Capacity Development for Risk Management and Risk Governance Prof. Kyoji Sassa is the Founding President and the Secretary-General of International Consortium on Landslides (ICL). He has been the Editor-in-Chief of International Journal Landslides since its foundation in 2004. Prof. Matjaž Mikoš is the Vice President of International Consortium on Landslides and Vice President of Slovenian Academy of Engineering. He is a Professor and Dean of Faculty of Civil and Geodetic Engineering, University of Ljubljana, Slovenia. Dr. Shinji Sassa is Head of Soil Dynamics Group and Research Director of International Research Center for Coastal Disasters, Port and Airport Research Institute, National Institute of Maritime, Port and Aviation Technology, Japan. Prof. Peter Bobrowsky is the President of International Consortium on Landslides. He is a Senior Scientist of Geological Survey of Canada, Ottawa, Canada. Prof. Kaoru Takara is the Executive Director of International Consortium on Landslides. He is a Professor and Dean of Graduate School of Advanced Integrated Studies (GSAIS) in Human Survivability (Shishu-Kan), Kyoto University. Dr. Khang Dang is the Secretary General of the Fifth World Landslide Forum. He also serves as the Research Promotion Officer of ICL and a Lecturer at the University of Science, Vietnam National University, Hanoi.

The overarching research project referred to in this research case study is a large, multi-study project that is primarily using the Scopus database, an abstract and citation database that contains more than 75 million records with approximately 24,600 titles. Using statistical tools within the Scopus database along with exporting data into other statistical programs, the project is examining publishing practices and trends of school psychology faculty in the United States. The authors used Scopus to uncover faculty publication history and influence using a number of journal utilization metrics calculated in the database, such as impact factor, citation history, and h-index, and to examine trends calculated in Scopus, such as publication frequency, time frame, subject area, keyword, citations, and references, and other relevant publication metrics, such as affiliation, funding sponsor, access type, geography, and faculty rank. The particular piece of the project that is highlighted in this case study is based on examination of the work of school psychology faculty from all National Association of School Psychologists (NASP)-approved programs in the United States with respect to online access (OA) journals. Results of some portions of the study were presented at the 2020 NASP Annual Convention.

Given the strong current attention of orthopaedic, biomechanical, and biomedical engineering research on translational capabilities for the diagnosis, prevention, and treatment of clinical disease states, the need for reviews of the state-of-art and current needs in orthopaedics is very timely. Orthopaedic Biomechanics provides an in-depth review of the current knowledge of orthopaedic biomechanics across all tissues in the musculoskeletal system, at all size scales, and with direct relevance to engineering and clinical applications. Discussing the relationship between mechanical loading, function, and biological performance, it first reviews basic structure-function relationships for most major orthopedic tissue types followed by the most-relevant structures of the body. It then addresses multiscale modeling and biologic considerations. It concludes with a look at applications of biomechanics, focusing on recent advances in theory, technology and applied engineering approaches. With contributions from leaders in the field, the book presents state-of-the-art findings, techniques, and perspectives. Much of orthopaedic, biomechanical, and biomedical engineering research is directed at the translational capabilities for the "real world". Addressing this from the perspective of diagnostics, prevention, and treatment in orthopaedic biomechanics, the book supplies novel perspectives for the interdisciplinary approaches required to translate orthopaedic biomechanics to today's real world.

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

Sigma Receptors

Learning Sciences Research for Teaching

A Collection of Literature Surveys

Then, Now and Tomorrow

Quantitative Tools for Studying and Evaluating Research

Letters and Social Aims

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.

Researchers in the field of engineering or physical sciences resort to experimental methods and/or simulation approaches as a part of their work. This book provides the relevant concepts and methods in a cohesive manner. Organized into eighteen chapters, the book covers the basic concepts of research and the research process, and guides researchers to develop adequate skills and capabilities to prepare papers for publication in refereed journals, to write synopses of their research work and to face the oral examination and defend their theses confidently.

?This book provides the reader with the most up-to-date knowledge of blockchain in mainstream areas of security, trust, and privacy in the decentralized domain, which is timely and essential (this is due to the fact that the distributed and P2P applications is increasing day-by-day, and the attackers adopt new mechanisms to threaten the security and privacy of the users in those environments). This book also provides the technical information regarding blockchain-oriented software, applications, and tools required for the researcher and developer experts in both computing and software engineering to provide solutions and automated systems against current security, trust and privacy issues in the cyberspace. Cybersecurity, trust and privacy (CTP) are pressing needs for governments, businesses, and individuals, receiving the utmost priority for enforcement and improvement in almost any societies around the globe. Rapid advances, on the other hand, are being made in emerging blockchain technology with broadly diverse applications that promise to better meet business and individual needs. Blockchain as a promising infrastructural technology seems to have the potential to be leveraged in different aspects of cybersecurity promoting decentralized cyberinfrastructure. Blockchain characteristics such as decentralization, verifiability and immutability may revolve current cybersecurity mechanisms for ensuring the authenticity, reliability, and integrity of data. Almost any article on the blockchain points out that the cybersecurity (and its derivatives) could be revitalized if it is supported by blockchain technology. Yet, little is known about factors related to decisions to adopt this technology, and how it can systematically be put into use to remedy current CTP's issues in the digital world. Topics of interest for this book include but not limited to: Blockchain-based authentication, authorization and accounting mechanisms Applications of blockchain technologies in digital forensic and threat hunting Blockchain-based threat intelligence and threat analytics techniques Formal specification of smart contracts Automated tools for outsourcing smart contracts Security and privacy aspects of blockchain technologies Vulnerabilities of smart contracts Blockchain for securing cyber infrastructure and internet of things networks Blockchain-based cybersecurity education systems This book provides information for security and privacy experts in all the areas of blockchain, cryptocurrency, cybersecurity, forensics, smart contracts, computer systems, computer networks, software engineering, applied artificial intelligence for computer security experts, big data analysts, and decentralized systems. Researchers, scientists and advanced level students working in computer systems, computer networks, artificial intelligence, big data will find this book useful as well.

Magnetic Nanomaterials in Analytical Chemistry provides the first comprehensive review of magnetic nanomaterials in a variety of analytical chemistry applications, including basic information necessary for students and those new to the topic to utilize them. In addition to analytical chemists, those in various other disciplines where these materials have great potential—e.g., organic chemistry, catalysis, sensors—will also find this a valuable resource. Magnetic nanomaterials that can be controlled using external magnetic fields have opened new doors for the development of new sample preparation methods and novel magnetic sorbents for forensic chemistry, environmental monitoring, magnetic digital microfluidics, bioanalysis, and food analysis. In addition, they are seeing wide application as sensing materials in the development of giant magnetoresistive sensors, biosensors, electrochemical sensors, surface-enhanced Raman spectroscopy sensors, resonance light scattering sensors, and colorimetric sensors. Includes fundamental information on magnetic nanomaterials, including their classification, synthesis, functionalization, and characterization methods, separation and isolation techniques, toxicity, fate, and safe disposal Each chapter describes a specific application Utilizes figures, schemes, and images for better understanding of the principles of the method Presents information on advanced methods, such as giant magnetoresistive and magnetic digital microfluidics

Blockchain Cybersecurity, Trust and Privacy

Evaluative Informetrics: The Art of Metrics-Based Research Assessment

Applied Evaluative Informetrics

Handbook Bibliometrics

Contemporary Topics in Finance

Fundamentals and Applications

This doctoral thesis focuses on active Spanish scholarly journals which follow internationally-recognized quality standards, in order to analyze their main features, study the adoption of Open Access, observe the relationship between their price and bibliometric impact, and examine its internationality characteristics. Web of Science (WoS) and Scopus have been selected as the sources for identifying the journals. After deparating mistakes, a final list of 445 journals has resulted. A set of indicators has been defined and all data has been collected from the journals' primary source (website or hard copy). Correlations and association tests have been carried out to explore relationships among variables. The population of Spanish journals indexed in WoS and Scopus grew steadily over the last years: there were 300 titles by 2012, 406 by 2013 and 445 by 2015. A 69.7% of these were launched after 1980 and their average age is 30 years. This selection of This selection of 445 journals stands for a 25% of journals published in Spain, but the subject areas are not equally distributed - Science, Technology and Medicine fields (STM) are overrepresented, while Social Sciences and Humanities (SSH) appear less frequently. Indeed, 84% of all journals concentrate in only three of the seven subject areas considered for this study - 35% on Social S., 32% on Health S. and 18% on Arts & Humanities. Universities and research centers (mostly the Spanish National Research Council, CSIC) publish 43% of the journals. To run their publishing services, most of them use OJS platforms (34% of the total population). They publish mostly on Arts & Humanities (in Spanish language) and Social Sciences. Online-only format and free access are their favorite output. Commercial publishers are the second in importance, accounting for the 32% of the journals. They focus on Health Sciences and run most of the few free-access journals with APCs. They also account for most of the few hybrid journals, which are usually published in English. Elsevier is the largest commercial publisher, publishing about 17% of all the journals in this study. Scientific societies, professional associations and other not-for-profit private institutions publish 21% of the journals. They own or participate in another 24% of the journals, which are published by companies like Elsevier. Indeed, their scientific participation is crucial, reaching almost half of the population studied (45%). Government agencies publish only a 4% of all the journals. As to languages, almost half of the journals (47%) are published only in Spanish. Nonetheless, 26% are published both in Spanish and English, and 18% only in English. Remaining languages are residual. Free access is the most common type of publication (64.5%), followed by restricted (16.6%), embargo (14.4%) and hybrid (4.5%). Free-access is associated with academic publishers and Social Sciences, while restricted-access and hybrid journals are more common among companies and usually refer to STM fields. Open Access, as measured by free access with self-archiving permissions, results in 56.9% of the total of journals. This indicates a sustained increase according to previous studies. Article Processing Charges (APCs) are beginning to be introduced in Spain, but only in 7% of these journals. Both free-access and hybrid journals charging APCs are associated with commercial publishers, English language and high bibliometric impact rates. Annual subscription prices are much higher for STM, commercial companies and English language content, but the difference is lower when using price per article, because expensive journals usually provide more scientific content. APC prices are on average ten times higher in hybrid titles than in free-access ones. Impact Factor (IF, which is only available for 27% of the studied journals), Scimago Journal Rank (SJR) and Source-Normalized Impact per Paper (SNIP) have in general higher impact values for STM fields, journals with APCs and journals published in English. While the highest IFs usually appear in journals issued by commercial publishers, highest SNIPs are related to journals published by associations and societies. Subscription prices, both at volume and article level, have no relationship with any impact indicator. On the contrary, APC prices correlate moderately with impact indicators, but only with SJR and SNIP, not with IF. English language, foreign-authored articles, international collaborations and foreign members at scientific teams have been identified and measured as elements that indicate internationality. Except for international collaborations, with very few appearances (especially in Arts & Humanities), all elements have global averages of around 33%, although they vary depending on subject areas and access types. The English language is most common in STM fields, journals published by companies and journals charging APCs. Foreign authors are more present in Health Sciences and Mathematics & Physics, and journals with APCs. The proportion of foreign experts is similar to that of foreign authors', but with smoother differences among categories - also, they are lower in Health Sciences and higher in Engineering. Academic publishers usually include more members from foreign institutions than the rest. Internationality elements present a similar pattern, especially as far as the participation of foreign authors and foreign experts is concerned. Limitations of the study, future research lines and final considerations are provided.

The literature surveys presented in this edited volume provide readers with up-to-date reviews on eleven contemporary topics in finance. Topics include unconventional monetary policy, implicit bank guarantees, and financial fraud - all linked to the exceptional event of the Global Financial Crisis Explores how recent studies on inflation risk premia and finance and productivity have benefitted from new empirical methods and the availability of relevant data Demonstrates how angel investing, venture capital, relationship lending and microfinance have benefitted from increased research as they have become more seasoned Investigates crowdfunding and crypto-currencies which have both arisen from recent technological developments

Poetry and imagination.--Social aims.--Eloquence.--Resources.--The comic.--Quotation and originality.--Progress of culture.--Persian poetry.--Inspiration.--Greatness.--Immortality.

The International Conference on Asian Language Processing (IALP) is a series of conferences with unique focus on Asian Language Processing The conference aims to advance the science and technology of all the aspects of Asian Language Processing by providing a forum for researchers in the different fields of language study all over the world to meet

The Metric Tide

Springer Handbook of Science and Technology Indicators

Proceedings of the International Conference on Interdisciplinary Research in Technology and Management (IRTM, 2021), 26-28 February,2021, Kolkata, India

The Future of Scholarly Publishing

Library and Information Studies for Arctic Social Sciences and Humanities

Interdisciplinary Research in Technology and Management

Academic Publishing by Dr Raghu Korrapati is a comprehensive guide to provide deep insights into academic publishing and how to avoid costly pitfalls. Being a scholar practitioner and publisher himself with over three decades years of academic and executive leadership work experience, Dr Korrapati has distilled key facets of academic publishing into nine core chapters ranging from the step-by-step process of academic publication to measuring the impact of published work while focusing on publication ethics and avoiding misconduct. Each chapter provides guiding principles and builds the foundation toward guiding you to become a successful scholar-publisher. Use this book as a guide to help you navigate the path toward becoming a great scholar publisher.

This book focuses on those organic chemicals that are regulated by the Stockholm Convention on Persistent Organic Pollutants (POPs), as well as organic chemical with the attributes of being persistent, bioaccumulative, and toxic to ecosystem and human beings, criteria used by the Stockholm Convention for screening POP candidates. Because of the unfavourable properties of POPs, numerous research efforts have been directed toward investigating their input sources, fate, and effects, with the help of continuously improving analytical technologies. The contributors to this book provide an integrated assessment of existing data, which will benefit both the scientific and management communities in planning further research projects and/or pollution control measures. Comprehensive overview of recent advances in analyzing persistent organic pollutants (POPs) Covers input sources, fate and biological effects of POPs Contains essential information for environmental management

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

Advances in Agronomy continues to be recognized as a leading reference and a first-rate source of the latest research in agronomy. Major reviews deal with the current topics of interest to agronomists, as well as crop and soil scientists. As always, the subjects covered are varied and exemplary of the myriad subject matter dealt with by this long-running serial. Editor Donald Sparks, former president of the Soil Science Society of America and current president of the International Union of Soil Science, is the S. Hallock du Pont Chair of Plant and Soil Sciences at The University of Delaware. Volume 82 contains eight state-of-the-art reviews on topics of interest in the plant and soil sciences. Three of the reviews present cutting-edge molecular scale techniques and approaches that directly impact food production, crop improvement, and environmental quality and sustainability.

Accounting Journals: Scopus, Web of Science, SCLmago

2018 International Conference on Asian Language Processing (IALP)

Fundamentals of Research. A Dissective View

An Introduction to Bibliometrics

Translational Autoimmunity

This book is a full guidebook among more than 218 accounting international journals with an evaluation of 3,000 publications for over the last two years. It aims to help readers for selecting an appropriate journal for publishing own research in the international arena or to find the required topic for conducting further investigating or to be informed about so large-scale science as accounting. Here a reader will find detailed information about accounting journals in terms of Scopus, Web of Science and SCLmago databases. In addition, there are highlighted accounting journals in terms of IFRS and blockchain concentration in accounting researches nowadays. The relevant aims and scope of each journal are also presented. Anyway, this book is an indispensable assistant for students while getting the "Accounting" specialization, as well as teachers and scientists while conducting empirical researches in the practice and theory of the accounting field.

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.

Publishing research content can be a difficult task to undertake along with other academic activities. This book addresses how newer researchers can proactively plan, write, promote and disseminate their work, and increase their chances of both academic citation and real-world impact. It focuses on how to: • Attract diverse

audiences to your work. • Find value in peer review processes, • Produce multiple content from one research work, • Use multiple media such as blogs and webinars to increase output. This useful resource supports you to disseminate your work and offers forward-thinking ways to take control of your publishing processes, to enhance academic knowledge, societal impact, and the value of your research.

Designated a Doody's Core Title! "Writing for publication is essential for disseminating nursing knowledge, and this book will surely prepare budding authors and serve as a resource for experienced authors. It is a great reference for authors at all levels." Score: 100, Five Stars --Doody's Medical Reviews This in-depth resource on writing for nurses—clinicians, graduate students, researchers, and faculty—guides users through the entire process of writing evidence-based research papers and journal articles, disseminating clinical project findings and innovations, and preparing manuscripts for publication. The completely updated fourth edition expands the content on conducting and writing systematic, integrative, and literature reviews; disseminating evidence and writing papers on clinical topics; and reporting quality-improvement studies. It provides new examples of excellent writing from a varied selection of nursing journals. Woven throughout is an explanation of current writing guidelines for research such as CONSORT and PRISMA. Also included are electronic versions of useful forms and updated web resources relevant to each chapter. Chapters feature helpful tables, figures, and illustrations; learner exercises to guide development of competencies; and discussion topics designed to address the variety of challenges posed when writing for publication. The print version of the book includes searchable digital access to entire contents. New to the Fourth Edition: Updated chapters and new examples from a wide variety of nursing journals Expanded content on conducting and writing systematic, integrative, and literature reviews Guidelines for reporting different types of research Criteria for evaluating the quality of a nursing journal and avoiding predatory journals Examination of open-access journal markets Strategies for interprofessional collaboration Updated content on quality-improvement reporting Tips to avoid plagiarism Guidance on writing case studies, case reports, policy papers, and articles Expanded discussion and examples of searchable databases Electronic versions of useful forms Updated web resources in each chapter and in an appendix Key Features: Takes the reader step by step through the entire process of writing for publication Covers conducting and writing a literature review and writing research, review, quality-improvement, evidencebased practice, and clinical practice articles Delivers strategies for writing all types of journal articles, chapters, books, and other forms of writing Includes tips for turning dissertations, DNP projects, and course assignments into manuscripts Details the submission, editorial review, and publication processes Includes a module for online courses in each chapter Includes Instructor's Manual, PowerPoints, and sample syllabus

Magnetic Nanomaterials in Analytical Chemistry
Writing for Publication in Nursing
Publishing for Impact

Imperatives for Legal Education Research
Review of Disability and Rehabilitation Research

Medical Informatics, e-Health

This book presents a guide for research methodology and scientific writing covering various elements such as finding research problems, writing research proposals, obtaining funds for research, selecting research designs, searching the literature and review, collection of data and analysis, preparation of thesis, writing research papers for journals, citation and listing of references, preparation of visual materials, oral and poster presentation in conferences, and ethical issues in research . Besides introducing library and its various features in a lucid style, the latest on the use of information technology in retrieving and managing information through various means are also discussed in this book. The book is useful for students, young researchers, and professionals.

Learning Sciences Research for Teaching provides educators with a fresh understanding of the use and implications of learning sciences scholarship on their studies and professional preparation. A highly interdisciplinary field, the learning sciences has been expressly focused on the advancement of teaching and learning in today's schools. This introductory yet cutting-edge resource supports graduate students of teaching, leadership, curriculum, and learning design in research methodology courses as they engage with and evaluate research claims; integrate common methods; and understand experimental, case-based, ethnographic, and design-based research studies. Spanning the learning science's state-of-the-art approaches, achievements, and developments, the book includes robust, accessible coverage of topics such as professional development, quantitative and qualitative data, learning analytics, validity and integrity, and more.

The formal scientific communication system is currently undergoing significant change. This is due to four developments: the digitisation of formal science communication; the economisation of academic publishing as profit drives many academic publishers and other providers of information; an increase in the self-observation of science by means of publication, citation and utility-based indicators; and the medialisation of science as its observation by the mass media intensifies. Previously, these developments have only been dealt with individually in the literature and by science-policy actors. The Future of Scholarly Publishing documents the materials and results of an interdisciplinary working group commissioned by the Berlin-Brandenburg Academy of Sciences and Humanities (BBAW) to analyse the future of scholarly publishing and to make recommendations on how to respond to the challenges posed by these developments. As per the working group's intention, the focus was mainly on the sciences and humanities in Germany. However, in the course of the work it became clear that the issues discussed by the group are equally relevant for academic publishing in other countries. As such, this book will contribute to the transfer of ideas and perspectives, and allow for mutual learning about the current and future state of scientific publishing in different settings.

Translational Autoimmunity: Etiology of Autoimmune Diseases is the first volume of the Translational Immunology book series. To attain its purpose as a detailed translational step to tackle autoimmunity, this volume sufficiently addresses basic questions on how the immune system is designed to distinguish self from nonself. It discusses the known mechanisms that lead to the maintenance of self-tolerance, presents potential triggers and malfunctions that impede normal immune processes, and demonstrates how the immune system induces an autoreactive state that results in the recognition of self-antigens seen in autoimmune conditions. Includes coverage of basic immunology, the clinical aspects of autoimmunity, and translational immunology studies in autoimmunity Presents key concepts supported by a systematic appraisal of the most recent evidence Assists students at all the academic levels while also being applicable to scientists who work with autoimmunity Designed for learning, teaching, review, testing, practice and research

Orthopaedic Biomechanics

Open Access and the Economics of Digitisation

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

Academic Publishing

Fundamentals of Collection Development and Management

Understanding and Reducing Landslide Disaster Risk

Hot Topics in Infection and Immunity in Children brings together leading experts in the field to provide a current and authoritative view concerning the hottest topics of concern to clinicians caring for children with infections and research scientists working in the areas of infectious disease, immunology, microbiology and public health. The book is based on a collection of manuscripts from a faculty of authors of international standing who contributed to a course in Paediatric Infection and Immunity in Oxford, UK in June 2003.

Library and Information Studies for Arctic Social Sciences and Humanities serves as a key interdisciplinary title that links the social sciences and humanities with current issues, trends, and projects in library, archival, and information sciences within shared Arctic frameworks and geographies. Including contributions from professionals and academics working across and on the Arctic, the book presents recent research, theoretical inquiry, and applied professional endeavours at academic and public libraries, as well as archives, museums, government institutions, and other organisations. Focusing on efforts that further Arctic knowledge and research, papers present local, regional, and institutional case studies to conceptually and empirically describe real-life research in which the authors are engaged. Topics covered include the complexities of developing and managing multilingual resources; working in geographically isolated areas; curating combinations of local, regional, national, and international content collections; and understanding historical and contemporary colonial-industrial influences in indigenous knowledge. Library and Information Studies for Arctic Social Sciences and Humanities will be essential reading for academics, researchers, and students working the fields of library, archival, and information or data science, as well as those working in the humanities and social sciences more generally. It should also be of great interest to librarians, archivists, curators, and information or data professionals around the globe.

The National Institute on Disability and Rehabilitation Research (NIDRR) is the principal federal agency supporting applied research, training, and development to improve the lives of individuals with disabilities. NIDRR's mission is to generate new knowledge and promote its effective use in improving the ability of persons with disabilities to perform activities of their choice in the community, as well as to expand society's capacity to provide full opportunities and accommodations for its citizens with disabilities. NIDRR prides itself on being proactive in establishing program performance measures and developing accountability data systems to track the progress of its grantees. An electronic annual reporting system is used to collect data from grantees on many aspects of grant operation and outputs. Various formative and summative evaluation approaches have been used to assess the quality of the performance and results of the agency's research portfolio and its grantees. Prompted by the need to provide more data on its program results, in 2009 NIDRR requested that the National Research Council (NRC) conduct an external evaluation of some of the agency's key processes and assess the quality of outputs produced by NIDRR grantees (National Institute on Disability and Rehabilitation Research, 2009a). Review of Disability and Rehabilitation Research presents the results of that evaluation.

We intend to edit a Festschrift for Henk Moed combining a "best of" collection of his papers and new contributions (original research papers) by authors having worked and collaborated with him. The outcome of this original combination aims to provide an overview of the advancement of the field in the intersection of bibliometrics, informetrics, science studies and research assessment.

A Practical Guide

Advances in Agronomy

Spanish Scientific Journals in Web of Science and Scopus Adoption of Open Access, Relationship Between Price and Impact, and Internationally

Persistent Organic Pollutants (POPs): Analytical Techniques, Environmental Fate and Biological Effects

Research Methodology for Engineers

Library and Information Sciences

The present book has been written with two clear objectives in mind – to enable researchers, irrespective of their discipline, to develop the most appropriate methodology for their research studies; and to make them familiar with the art of using different research methods and techniques. It is hoped that the humble efforts made in the form of this book will assist in the accomplishment of exploratory as well as result-oriented research studies. The book is primarily targeted to serve as text book to Post Graduate, M.Phil. and Ph.d students of research methodology in all disciplines of various universities. The book seems to be designed specifically for those students who are newcomers to research, and who may have a basic barrier with regard to the subject. The areas covered in the book follow a simple-to-complex approach in terms of their discussion. Overall, this book clearly reflects the teaching experience of the author with this subject. The book can be of value to researchers by introducing some information on how to carry out reviews of literature and its importance in research. All possible efforts have been made to further enhance the usefulness of the book. The feedback received from different sources has been incorporated.

This book provides an overview of social media technologies in the context of practical implementation for academics, guided by applied research findings, current best practices, and the author's successful experiences with using social media in academic settings. It also provides academics with sensible and easy strategies for implementing a wide spectrum of social media and related technologies - such as blogs, wikis, Facebook, and various Google tools for professional, teaching, and research endeavours. No other book exists that assists academics in learning how to use social media to benefit their teaching and research The editor has an extensive background in social media teaching, consulting, research, and everyday use All the contributors come to the book with a common goal, from various expertise areas and perspectives

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

The conference on "Interdisciplinary Research in Technology and Management" was a bold experiment in deviating from the traditional approach of conferences which focus on a specific topic or theme. By attempting to bring diverse inter-related topics on a common platform, the conference has sought to answer a long felt need and give a fillip to interdisciplinary research not only within the technology domain but across domains in the management field as well. The spectrum of topics covered in the research papers is too wide to be singled out for specific mention but it is noteworthy that these papers addressed many important and relevant concerns of the day.

Trends and Research

Volume 1 Sendai Landslide Partnerships and Kyoto Landslide Commitment

Hot Topics in Infection and Immunity in Children

Backgrounds, Concepts, Strategies

Etiology of Autoimmune Diseases

Social Media For Academics

In the last few decades university teaching has been recognised as an activity which can be studied and improved through educational scholarship. In some disciplines this is now well established. It remains emergent in legal education. The field is rich with questions to be answered, issues to be raised. This book provides the first overall review of legal education scholarship. The chapters outline the history of legal education research and provide a detailed analysis of the trends in areas of publication. Beyond this, the book suggests a typology for further conceptualising the field and a series of suggested paths for future research. The book originated from the 2017 UNSW conference "Research in Legal Education: State of the Art?" It features internationally respected authors who bring their perspectives on how legal education - as a field of research - should be conceptualised. The collection is arranged into three themes. First, a historical view is taken of the emergence of legal education scholarship and its roots that predate modern educational theory. Secondly, the book provides overviews of the extant field of publications, highlighting areas of interest and neglect, and delineating the trends in current publication. Thirdly, the book provides a set of suggested typologies for describing legal education research and a series of essays for future directions which both critique current approaches and provide inspiration for future directions. The State of Legal Education Research represents an authoritative introduction to the field, a set of conceptual tools with which to describe it, and inspiration for researchers to expand and grow research into legal education.

As a comprehensive introduction for LIS students, a primer for experienced librarians with new collection development and management responsibilities, and a handy reference resource for practitioners as they go about their day-to-day work, the value and usefulness of this book remain unequalled. Springer Handbook of Science and Technology IndicatorsSpringer Nature

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.

New Development and Trends

Handbook of Bibliometric Indicators

Issues in Informing Science & Information Technology, Volume 9 (2012)

Research Methodology and Scientific Writing

Festschrift in Honour of Henk F. Moed

Introduction to Scientific Publishing

This book explores the development, trends and research of library and information sciences (LIS) in the digital age. Inside, readers will find research and case studies written by LIS experts, educators and theorists, most of whom have visited China, delivered presentations there and drafted their articles based on feedback they received. As a result, readers will discover the LIS issues and concerns that China and the international community have in common. The book first introduces the opportunities and challenges faced by the library and information literacy profession and discusses the key role of librarians in the future of information literacy education. Next, it covers trends in LIS education by examining the vision of the iSchool movement and detailing its practice in Syracuse University. The book then covers issues in information seeking and retrieval by showing how visual data mining technology can be used to detect the relationship and pattern between terms on the Q&A of a social media site. It also includes a case study regarding tracing information seeking behavior and usage on a multimedia website. Next, the book stresses the importance of building an academic accreditation framework for scientific datasets, explores the relationship between bibliometrics and university rankings, and details the birth and development of East Asian Libraries in North America. Overall, the book offers readers insight into the changing nature of LIS, including the electronic dissemination of information, the impact of the Internet on libraries, the changing responsibilities of library professionals, the new paradigm for evaluating information, and characteristics and functions of today's library personnel.

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 almetrics, 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

Bibliometrics and almetrics 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.

Using the Scopus Database to Examine Open Access Research Publication Practices and Trends in School Psychology

NIDRR Grantmaking Processes and Products