Understanding Scientific Literature A Bibliometric Approach By

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Encyclopedia of Library and Information Science Allen Kent 1979-08-01 "The Encyclopedia of Library and Information Science provides an outstanding resource in 33 published volumes with 2 helpful indexes. This thorough reference set--written by 1300 eminent, international experts--offers librarians, information/computer scientists, bibliographers, documentalists, systems analysts, and students, convenient access to the techniques and tools of both library and information science. Impeccably researched, cross referenced, alphabetized by subject, and generously illustrated, the Encyclopedia of Library and Information Science integrates the essential theoretical and
practical information accumulating in this rapidly growing field."

_Resources in Education_ 1975-10

**Contemporary Challenges in Cooperation and Coopetition in the Age of Industry 4.0**

Agnieszka Zakrzewska-Bielawska 2019-10-25 This proceedings volume provides a fresh perspective on current challenges in cooperation and coopetition in the age of Industry 4.0. Featuring selected papers from the 10th Conference on Management of Organizations’ Development (MOD) held in Zamek Gniew, Poland, this volume extends the knowledge of cooperation and coopetition, presents analytic tools used in the research, considers the potential impact of Industry 4.0 on collaboration, and provides recommendations for managerial practice.

Interorganizational relations have been a relevant topic in the management sciences in recent years. Globalization, social, cultural, and technological progress are among the factors shaping the environment for collaboration, determining the conditions for development and defining a set of new challenges that managers have to face in today’s knowledge-based economy. This book, therefore, explores emerging problems of organizational development in the light of the needs and challenges of Industry 4.0. Combining the latest theory and practice, the volume provides a realistic outlook on the network economy and interdependencies both within and between sectors.

**Organizations in the Face of Growing Competition in the Market** Anna Ujwary-Gil 2019-01-01 The essence of the functioning of any organization, whether commercial or non-profit, is to provide value to groups of recipients whose expectations undoubtedly change over time. Various competition mechanisms in the market apply to both business-oriented organizations and organizations operating in the sphere of public utilities. This
monograph includes examples of the problems facing contemporary organizations, and at the same time provides evidence, confirmed by research results, that indicates the direction of current changes. The analysis of changes taking place in organizations was carried out in many dimensions. The content layout adopted in the monograph presents four research perspectives, where the subject of the research is the organization; the modern tools used in organization management, the impact of the market economy on organizations, and sectoral or industry aspects of the organization’s functioning. In the first chapter, four studies related to commercial and non-commercial organizations have been collated. Researchers of academic organizations who in order to meet the expectations of students increase their activity in the field of entrepreneurship and their support for the most talented students. Both examples show the need to conduct research, develop knowledge about own activities, and focus on the needs of the environment. Entrepreneurial universities are open to the implementation of joint ventures with entities in their environment, which affect the development of the university, its students, as well as the entities. Entrepreneurship, which is based on the ability to take advantage of market opportunities, also creates opportunities for developing the ability to flexibly shape and adapt programs, methods and operating principles to the growing expectations of their environment. The ability to develop your potential as well as the potential of your students plays a crucial role. In the pursuit of excellence, a strong focus should be placed on talented students and the development of all possible forms of support that could determine an output of graduates with particularly high development potential. In the research presented in this monograph, the authors compare the activity of
universities in the USA, the Netherlands, and Poland in the area of talent development. The comparative analysis becomes a valuable source of indicating imperfections, but also examples of potential forms of positive activity in this area. Equally important in this part of the monograph is the research on the learning organization. Through a bibliometric analysis, the author identified the fields of research on the learning organization. In addition to research areas related to various dimensions, primarily human, cultural and managerial, the types of organizations in which such research is most often conducted have been indicated. They also include the organizations of the two sectors presented: education and healthcare. The same part of the monograph also presents the results of research in the hotel sector, where the main research problem was the creation of customer value, taking into account the conditions stimulating the dynamics of the business models of hotel enterprises. Referring to business models was considered important because of the significance of decision-making patterns that help to build a competitive advantage and achieve market success by creating value for customers. The concept of creating value for customers is currently treated in cross-sectoral or industry categories and is a universal approach to managing organizations. The second chapter of the monograph presents research on the modern tools used in organization management. Concepts such as work–life balance, shaping the innovation process within the framework of decisions taken in the process, marketing communication, or the use of gamification in research and development, are examples of a wide range of relationships between today’s organization and its surroundings. Finding employees, and retaining them, is also a growing challenge in developing countries, where labor supply is steadily
decreasing. The expectations of employees are increasing, especially in relation to respecting the personal, non-professional side of life. Thus, it should be recognized that research on work-life balance is a developing space for organization and management researchers. Modeling the innovation process in an organization is another research trend that is important today, especially in terms of developing competitiveness. Decision-making is one of the key components of the innovation process. This aspect, in qualitative terms, was presented in the next study in the second part of the monograph. Similarly, marketing communication is invariably an important area of research in organizations, which has evolved due to rapidly developing information technologies and, at the same time, the changing preferences of users of these technologies. The last study in this second part of the monograph relates to innovation and the use of computer games. The tools of gamification are used to shape the attitudes of individual energy consumers. The observations presented show that it is worth making attempts to use unconventional methods and tools, in this case, to develop customer knowledge and strengthen the behaviors desired in the energy market. The third chapter of the monograph is devoted to the financial aspects of the functioning of commercial and non-profit organizations in a market economy. Increasing the efficiency of public entities, specifically conditioned in economic policies and dependent on political decisions, has been the subject of numerous studies. The research study presented in the monograph refers to the relationship between financial strategies and profit management in public industrial companies listed on the Warsaw Stock Exchange. It is worth noting that no research in this field has been conducted to date in the context of the Polish capital.
market. The next study refers to the French market. Its purpose was to evaluate and test long-term memory in the French stock exchanges. Research results contribute significantly to explaining the lack of consensus regarding long memory in stock returns. The research covers a significant, 25-year period of operation of the Euronext platform during which 6634 observations were provided. The conclusions of the study may be particularly important for regulators and risk managers. Another study presents the results of bankruptcy risk tests for Polish and Czech logistics companies using a comprehensive classification approach. As a result of the research, a tool for risk assessment and forecasting was developed, enabling the early prediction of bankruptcy of enterprises. At the end of the third chapter of the monograph, the results of health expenditure analysis based on information provided by the Health Account System are presented. Particular attention has been focused on the programming sources of financing healthcare in new European Union countries. Socio-technical and environmental aspects of the organization are the subject of interest of researchers presenting the results of their research in the fourth chapter of the monograph. The problems of economic migration and working conditions have been the subject of interest for many years in the strongly developing trend of labor market research. The research results contained in the study relate primarily to the issues of occupational safety of Ukrainians employed in Poland. These issues are gaining importance, especially when the number of people migrating from Ukraine to Poland in search of work has been growing for several years. In the face of such a large scale of Ukrainian immigrants employed in Polish enterprises, there is still a lack of regulations protecting or securing the interests of
employees and employers. The next research presentation highlights the problems of the “circular economy,” which, according to the author, is developing too slowly in Poland. The research is valuable for systematizing the idea of a circular economy based on the theoretical and practical aspects of this phenomenon. The results of the analysis are also of practical importance for the process of modeling and implementing this idea in Poland. Further, the innovation paradigm of economic health and the prosperity of society is the subject of the research carried out, based on a review of the health economy considering innovation and its impact on population growth and prosperity in the world. The research particularly highlights the consequences of socio-demographic, environmental and business changes in the field of consumer goods. The socio-technical, as well as the environmental, aspects of the organization are also included in the last study presented. The purpose of this study was to identify the attitudes of IT employees in the Polish ITC sector towards remote work. Since the effective and efficient collaboration of distributed employees performing remote work has become even more necessary for the success of projects, numerous research works are being conducted focusing on the consequences of remote work. The presented research results are an important contribution to the discussion of researchers and management practitioners. By publishing this monograph, which covers a wide spectrum of research problems in contemporary commercial and non-profit organizations, the editors and authors presenting the results of their research express a hope that they are contributing to the widespread dissemination and enrichment of knowledge and, consequently, socio-economic development.

**Gaming the Metrics** Mario Biagioli 2020-01-28 How the increasing reliance on metrics to evaluate scholarly
publications has produced new forms of academic fraud and misconduct. The traditional academic imperative to “publish or perish” is increasingly coupled with the newer necessity of “impact or perish”—the requirement that a publication have “impact,” as measured by a variety of metrics, including citations, views, and downloads. Gaming the Metrics examines how the increasing reliance on metrics to evaluate scholarly publications has produced radically new forms of academic fraud and misconduct. The contributors show that the metrics-based “audit culture” has changed the ecology of research, fostering the gaming and manipulation of quantitative indicators, which lead to the invention of such novel forms of misconduct as citation rings and variously rigged peer reviews. The chapters, written by both scholars and those in the trenches of academic publication, provide a map of academic fraud and misconduct today. They consider such topics as the shortcomings of metrics, the gaming of impact factors, the emergence of so-called predatory journals, the “salami slicing” of scientific findings, the rigging of global university rankings, and the creation of new watchdogs and forensic practices.

CALL; Current Awareness--Library Literature 1974
The Publishers’ Trade List Annual 1995 Includes authors, titles, subjects.

Innovative Computing Jason C. Hung 2022 This book comprises select proceedings of the 4th International Conference on Innovative Computing (IC 2021) focusing on cutting-edge research carried out in the areas of information technology, science, and engineering. Some of the themes covered in this book are cloud communications and networking, high performance computing, architecture for secure and interactive IoT, satellite communication, wearable network and system, infrastructure management,
etc. The essays are written by leading international experts, making it a valuable resource for researchers and practicing engineers alike.

Library and Information Science Dorothy B. Lilley 1982
Management of Sci-tech Libraries Ellis Mount 1984

The main objective of this thesis work is to assess and map international research concerning gender in science and higher education. To do this, two different studies were designed: first, to examine the development and growth of scientific literature on women in science and higher education, and, second, to map and analyse the structure and evolution of the scientific literature on gender differences in higher education and science, focusing on factors related to differences. For the first study, development and growth of scientific literature on women in science and higher education, a total of 1415 articles and reviews published between 1991 and 2012, were extracted from the Thomson Reuters Web of Science database. For the second study, mapping the evolution of scientific literature on gender differences, the data set comprised a corpus containing 651 articles and reviews published between 1991 and 2012, extracted from the Thomson Reuters Web of Science database. The methodology and procedures employed included standard bibliometric indicators and laws (e.g., Price's, Lotka's, and Bradford's laws), Relative Intensity Index (RII) and the Gender Inequality Index (GII). Data sets in the second study were evaluated for different time periods; co-word analysis and hierarchical cluster analysis were undertaken. The results of these studies suggest an upward trend in both the number of papers, and also the number of authors per paper. However, this increase in the number of authors was not accompanied by an increase in international collaboration.
Interest in gender differences in science extends to many authors (n = 3064), countries (n = 67), and research areas (n = 86). The data showed a high dispersion of the literature with a small set of core journals focused on the topic. The research area with the highest frequency of papers was Education and Educational Research. The results also indicated a significant increase in the number of themes over the years. Furthermore, the fact that gender differences in science and higher education have been considered by specific research disciplines, suggests important research-field-specific variations.

Mining Scientific Papers: NLP-enhanced Bibliometrics Iana Atanassova 2019-10-09

Book catalog of the Library and Information Services Division Environmental Science Information Center. Library and Information Services Division 1977

Encyclopedia of Library and Information Science, Second Edition - Miriam Drake 2003-05-20 A revitalized version of the popular classic, the Encyclopedia of Library and Information Science, Second Edition targets new and dynamic movements in the distribution, acquisition, and development of print and online media-compiling articles from more than 450 information specialists on topics including program planning in the digital era, recruitment, information management, advances in digital technology and encoding, intellectual property, and hardware, software, database selection and design, competitive intelligence, electronic records preservation, decision support systems, ethical issues in information, online library instruction, telecommuting, and digital library projects.

Ency of Library and Inform Sci 2e V4 (Print) Miriam A. Drake 2003 A revitalized version of the popular classic, the Encyclopedia of Library and Information Science, Second Edition targets new and dynamic movements in the distribution, acquisition, and development of print and online media-compiling articles from more than 450 information specialists on topics including program planning in the digital era, recruitment, information management, advances in digital technology and encoding, intellectual property, and hardware, software, database selection and design, competitive intelligence, electronic records preservation, decision support systems, ethical issues in information, online library instruction, telecommuting, and digital library projects.
development of print and online media-compiling articles from more than 450 information specialists on topics including program planning in the digital era, recruitment, information management, advances in digital technology and encoding, intellectual property, and hardware, software, database selection and design, competitive intelligence, electronic records preservation, decision support systems, ethical issues in information, online library instruction, telecommuting, and digital library projects.

**Eurasian Business and Economics Perspectives**

Eurasia Business and Economics Society. Conference 2022 EBES conferences have been intellectual hub for academic discussion in economics, finance, and business fields and provide network opportunities for participants to make long lasting academic cooperation. This is the 22nd volume of the Eurasian Studies in Business and Economics (EBESs official proceeding series) which includes selected papers from the 35th EBES Conference Rome 2021. Due to the COVID-19, the conference presentation mode has been switched to "online/virtual presentation only. In the conference, 142 papers by 302 colleagues from 48 countries were presented. Both theoretical and empirical papers in this volume cover diverse areas of business, economics, and finance from many different regions. Therefore, it provides a great opportunity to colleagues, professionals, and students to catch up with the most recent studies in different fields and empirical findings on many countries and regions.

**UNDERSTANDING SCIENTIFIC LITERATURE A BIBLIOMETRIC APPROACH.**

J.C. DONOHUE

ARBA Guide to Library Science Literature, 1970-1983 Donald G. Davis 1987 Provides an annotated list of bibliographies, indexes, reference works, selection aids, and works on library services, automation,
cataloging, censorship, employment, library history, legislation, management, serials, and technical services

**Bibliometric Studies** G. Devarajan 1997

*Nigerian Libraries* 1974

*Annual Review of Information Science and Technology* 2007

Blaise Cronin 2006-10 ARIST, published annually since 1966, is a landmark publication within the information science community. It surveys the landscape of information science and technology, providing an analytical, authoritative, and accessible overview of recent trends and significant developments. The range of topics varies considerably, reflecting the dynamism of the discipline and the diversity of theoretical and applied perspectives. While ARIST continues to cover key topics associated with classical information science (e.g., bibliometrics, information retrieval), editor Blaise Cronin is selectively expanding its footprint in an effort to connect information science more tightly with cognate academic and professional communities.

*Operations Management for Social Good* Adriana Leiras 2019-10-14 This volume showcases the presentations and discussions delivered at the 2018 POMS International Conference in Rio. Through a collection of selected papers, it is possible to review the impact and application of operations management for social good, with contributions across a wide range of topics, including: humanitarian operations and crisis management, healthcare operations management, sustainable operations, artificial intelligence and data analytics in operations, product innovation and technology in operations management, marketing and operations management, service operations and servitization, logistics and supply chain management, resilience and risk in operations, defense, and tourism among other emerging Operations Management issues. The Production and Operations Management Society (POMS) is one of the most important and influential
societies in the subject of Production Engineering and, as an international professional and academic organization, represents the interests of professionals and academics in production management and operations around the world. **Scientometrics Recent Advances** Suad Kunosic 2019-12-11 In recent years, academic advancement and access to funds that stimulate scientific research have been conditioned by the scientific production of individual scientists as well as the production of scientific centers, institutes and universities. This has led to an increase in interest in the accelerated assessment and ranking of scientists and scientific institutions. Scientometry is a sub-discipline of information sciences that measures achievement in science. This book provides the reader with a detailed insight into relevant scientometric methods and criteria, their individual strengths and weaknesses in the process of ranking scientists, scientific centers and institutions, as well as their application to the process of planning scientific projects and isolated medical specialties. **Research Methods for Postgraduates** Tony Greenfield 2016-10-17 An indispensable reference for postgraduates, providing up to date guidance in all subject areas Methods for Postgraduates brings together guidance for postgraduate students on how to organise, plan and do research from an interdisciplinary perspective. In this new edition, the already wide-ranging coverage is enhanced by the addition of new chapters on social media, evaluating the research process, Kansei engineering and medical research reporting. The extensive updates also provide the latest guidance on issues relevant to postgraduates in all subject areas, from writing a proposal and securing research funds, to data analysis and the presentation of research, through to intellectual property protection and career opportunities. This thoroughly
revised new edition provides: Clear and concise advice from distinguished international researchers on how to plan, organise and conduct research. New chapters explore social media in research, evaluate the research process, Kansei engineering and discuss the reporting of medical research. Check lists and diagrams throughout. Praise for the second edition: “... the most useful book any new postgraduate could ever buy.” (New Scientist) “The book certainly merits its acceptance as essential reading for postgraduates and will be valuable to anyone associated in any way with research or with presentation of technical or scientific information of any kind.”(Robotica) Like its predecessors, the third edition of Research Methods for Postgraduates is accessible and comprehensive, and is a must-read for any postgraduate student.

ACRL News 1973

Book Catalog of the Library and Information Services Division: Shelf List catalog

Environmental Science Information Center. Library and Information Services Division 1977

Understanding Scientific Literatures Joseph C. Donohue 1974 This work was written from the conviction that if as many readers as possible are to be provided with the material they want or directed toward the material they actually need, it is necessary to describe more exactly how vital information is distributed within available subject literatures and to measure the comparative merits of various sources.

Library and Information Science Ram Gopal Prasher 1997 Contributed articles.

Research Assessment in the Humanities Michael Ochsner 2016-04-19 This book analyses and discusses the recent developments for assessing research quality in the humanities and related fields in the social sciences. Research assessments in the humanities are highly controversial and the evaluation of humanities research is delicate. While citation-based research
performance indicators are widely used in the natural and life sciences, quantitative measures for research performance meet strong opposition in the humanities. This volume combines the presentation of state-of-the-art projects on research assessments in the humanities by humanities scholars themselves with a description of the evaluation of humanities research in practice presented by research funders. Bibliometric issues concerning humanities research complete the exhaustive analysis of humanities research assessment. The selection of authors is well-balanced between humanities scholars, research funders, and researchers on higher education. Hence, the edited volume succeeds in painting a comprehensive picture of research evaluation in the humanities. This book is valuable to university and science policy makers, university administrators, research evaluators, bibliometricians as well as humanities scholars who seek expert knowledge in research evaluation in the humanities.

New Scientist 1974-05-02 New Scientist magazine was launched in 1956 "for all those men and women who are interested in scientific discovery, and in its industrial, commercial and social consequences". The brand's mission is no different today - for its consumers, New Scientist reports, explores and interprets the results of human endeavour set in the context of society and culture.

U.S. Environmental Protection Agency Library System Book Catalog United States. Environmental Protection Agency. Library Systems Branch 1975

**Bibliometric Analysis for Beginners** Aidi Ahmi 2021-09-08 Bibliometric analysis literally means measuring the properties of all kinds of documents, including journal articles, conferences proceedings, books, etc. These properties can easily be obtained from academic databases such as Scopus.
Unlike other qualitative studies, the bibliometric study required very little effort to get the data before it can be analysed. If you understand the concept, it will take less than five minutes to obtain the dataset. While this study originally comes from the library and information science field, it has now become popular among scholars regardless of their area of interest. This study is suitable for anyone who wants to explore the current state of the art of the literature of any field of study. Analysis can easily be conducted with several freely available tools such as Harzing’s Publish or Perish and VOSviewer. Unlike systematic literature review, content analysis, or meta-analysis studies, bibliometric research does not require you to download or even read the full content of the data to be analysed. This book is suitable for anyone who wants to write and publish their first paper using bibliometric analysis.

**Hard Science Or Soft Science** Christine E. Thompson 1992

**Current Catalog** National Library of Medicine (U.S.) First multi-year cumulation covers six years: 1965-70.

**The Cognitive Paradigm** Marc De Mey 1992-09 In this study of the cognitive paradigm, De Mey applies the study of computer models of human perception to the philosophy and sociology of science. "A most stimulating, and intellectually delightful book."—John Goldsmith "[De Mey] has brought together an unusually wide range of material, and suggested some interesting lines of thought, about what should be an important application of cognitive science: The understanding of science itself."—Cognition and Brain Theory "It ought to be on the shelf of every teacher and researcher in the field and on the reading list of any student or practitioner seriously interested in how those they serve are likely to set about knowing."—ISIS

**Empirical Foundations of Information and Software**
The monograph presents the proceedings of the Third Symposium on Empirical Foundations of Information and Software Sciences (EFISS) held at the Riso National Laboratory in Roskilde, Denmark, 23-25 October 1985. The EFISS series of meetings was initiated with the express purpose of exploring subjects and methods of scientific inquiry of empirical nature which are of common interest to information and software sciences. Furthermore, these meetings were expected to provide a cross-disciplinary forum for discussion of problems and exchange of research results of importance for the design and application of advanced information systems. The previous two EFISS symposia took place at the Georgia Institute of Technology in Atlanta, Georgia, USA. The first meeting in 1982 focused on methods of experimental design and measurement techniques in information and software sciences. The second meeting was held in 1984 and its main theme was the value of information in prescriptive contexts, such as value of information for understanding and implementation of these messages, instructions, and commands. Specific examples of problems of this kind are the value of comments for the enhancement of understanding of computer programs, the value of information in assisting and guiding users of on line interactive systems, and the value of lexical aids in information retrieval. In both symposia, contributed papers were considered on any other valid subject of empirical foundations of the said two sciences.

**International Forum on Information and Documentation 1998**

**Science and Engineering Literature** Harold Robert Malinowsky 1980

**Bibliometric Indicators and Analysis of Research Systems** Yoshiko Okubo 1997

This report - linked to the technical documents of the OECD manuals for the measurement of R & D activities ("Frascati
Family") - presents the essential elements of bibliometrics and its application to the analysis of research systems.

Bibliometrics is based on the enumeration and statistical analysis of scientific output in the form of articles, publications, citations, patents and other, more complex indicators. It is an important tool in evaluating research activities, laboratories and scientists, as well as the scientific specialisations and performance of countries. The report, having set the background for the development of bibliometrics, presents the databases on which bibliometrics is built, as well as the principal indicators used. Twenty-five examples are presented at the end of the document, illustrating the various uses of bibliometric methods for analysing research systems. These indicators measure scientific output, by counting the number of papers; the impact of ...

An Introduction to Bibliometrics Rafael Ball

2017-09-18 An Introduction to Bibliometrics: New Development and Trends provides a comprehensible, readable and easy to read introduction to bibliometrics. Importantly, the book surveys the latest developments of bibliometrics (such as altmetrics, etc.) and how the field is likely to change over the next decade. In the literature, bibliometrics is generally discussed from one of two perspectives: (1) Purely mathematical/statistical or (2) Its sociological implications. Both approaches are very far from how most users want to apply bibliometrics. This book fills that need by providing tactics on how bibliometrics can be applied to their sphere of scientific activity. Provides readers with an understanding of bibliometric indicators, including their background and significance, classification in quantitative performance, and an evaluation of science and research. Includes an overview of the most important indicators, their areas of application, and where and
when they should and should not be used Discusses future trends in the quantitative performance evaluation of scientific research