Automated Cataloging of Arabic Manuscripts: Development and future perspectives

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Abstract:

The purpose of this lecture is to provide the main concepts of automatic Cataloging of Arabic manuscripts, and the related issues and topics, as a contribution to the knowledge composition of researchers or professionals interested in this topic. The lecture analyses the concept of automatic cataloging, presents the problems of cataloging Arabic manuscripts and what the cataloger should look for and seek to obtain the necessary data to catalog them. It then discusses the development of the automatic cataloging of Arabic manuscripts, from traditional automated cataloging to contemporary automated cataloging. The lecture addressed the Anglo-American Cataloging Rules as a content standard, Marc 21 as an encoding and structuring standard as they are the standards characterize the traditional automatic cataloging, then the Resource Description and Access (RDA) as a content standard, and the Bibframe 2.0 as an encoding and structuring standard as they are the standards characterize the contemporary automated cataloging and described the characteristics and advantages of each group of them. Finally, it presented a vision for the future of automatic cataloging of Arabic manuscripts in the light of linked data techniques, artificial intelligence, and cloud computing.

Keywords: Arabic Manuscripts; Automated Cataloging; Anglo-American Cataloging Rules (AACR); MARC 21; Resource Description and Access (RDA) ; Bibframe 2.0.

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Abstract

When a person mixes literature with science, and when novelist imagination mixes with library and information work, the result is a unique personality that deserves to be recognized and to highlight its intellectual contribution.

The study seeks to provide a brief scientific career, as well as a description of the most prominent features of the intellectual output of Dr. Zain Abdel-Hadi, based on the bibliometric approach. It has been possible to list 134 works by Dr. Zain Abdel Hadi in the field of libraries and information, which he presented in the period from 1993 to 2022.

An analytical reading of this intellectual output shows that most of it falls within the information technology circle, especially those related to expert systems, automated systems, databases, the Internet, and its applications and uses in the field of libraries and information. And it was Dr. Zain Abdel Hadi is one of the first librarians who contributed to the applications of technology in the field of libraries and information, in addition to his writings on contemporary issues in the field of libraries and information in general and in the publishing and book sector in particular.

Keywords: Zain Abdel Hadi; Information technology; the Book; Databases; Expert Systems; Library Automated Systems; The Internet.

Children's Literature in Singapore

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Abstract:

The study began by presenting the efforts made by **Lee Kuan Yu** President of Singapore, to transfer this country from poverty and backwardness to wealth and progress in a way that drew the attention of the world and made it take Singapore as a model to follow. We divided the study into two parts : First , we dealt with the two main points that Li **Kuan Yew adopted** in bringing about the transition from poverty and backwardness to wealth and progress ,which are mathematics and free reading, and we also dealt with the aspect of great interest in the teacher as the designer organizing the educational process, then we moved to the statement of the history of children's literature, which gained great momentum in the recent period due to the increasing interest in this important type of literature that was generated by the initiative of A Singaporean writer and illustrator of children's books, and one of the most prominent writers of children's literature was **Don Bosco**. Second, we dealt with an analysis of two children's stories, the first of which is the ugly duckling, which is a story by the great writer **Hans Christian** Andersen. As for the second story It is titled as the arrogant tree. Then after these two stories, we moved on to two thematic books, the first of which bears the title **What is science ,**as for the second book, it is entitled **Magnetism** as it takes the child into space to notice that the earth has two magnetic poles, namely the North Pole and the South Pole.

Finally ,we reached the results and recommendations, the most prominent of which was the need to pay attention to mathematics as the basis of science, with an attractive, interesting, and likable presentation for the child, and interest in continuous free reading, as well as interest in the teacher, training him, and giving him the fate that he deserves in society.

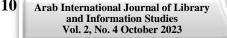**Keywords:** Children literature; Singapore; The Ugly duckling story; The Proud tree story.

Self-archiving of faculty members' research
a study of motives and trends

Heba Hashim Hassan Ahmed
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Fayoum University	Fayoum University	Fayoum University

This study aims at the effect of self-archiving in facilitating and accelerating the dissemination of scientific production for researchers and faculty members and making it available to everyone all over the world, thus expanding the scope of reference citation for researchers. As well as identifying the attitudes of faculty members in the universities of northern Upper Egypt towards self-archiving their scientific production and making it available for free viewing via the Internet, monitoring the scientific contributions of the research community and the extent of their contribution to publishing their scientific production and doing self-archiving on their personal websites, and identifying the characteristics and features of this scientific production. Where the past few years have witnessed a large and rapid technical revolution that we have not seen before throughout human ages, foremost of which is the emergence of computers, then the Internet revolution and the information media revolution (Infomedia), and the information communication revolution that has been called the Information Superhighway will continue. the emergence of electronic publishing, which has recently become an information industry; It employs computers and related equipment for economical purposes in the production of traditional print on paper. Its aim was to activate the processes of scientific communication between scientists, and it was not for commercial purposes, unlike what is happening now.

Keywords: self-archiving, open access, faculty members, research.

The Journal of Visualized Experiments (JoVE): Case Study

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Abstract

This study aspires to identify the characteristics and properties of the Journal of Visualized Experiments (JoVE) considering it as one of many forms of visual-scientific communication that supports scientific research and learning. JoVE is considered as one of the very first scientific visual journals published in the world in 2006. The study plans to answer the following inquiries: What are the prime properties of Journal of Visualized Experiment (JoVE)? What are the regulations of publishing and assessing that JoVE follows? Which marketing techniques does JoVE abide by for promoting for its scientific content?

The study aspires to tackle the mentioned points by using case study. All the data that were gathered in the study was used through a review list. The results were as follows: In cooperation with one of the biggest research organizations, JoVE publishes more than 1000 visualized articles a year, which accordingly gives a great chance for a bigger number of academic researchers. In addition to that, the journal has been indexed by many databases such as Web of Science, Scopus, SciFinder, PubMed and Medline. The journal truly opens vast horizons for many new research team members as well as trainee researchers to document their research methods through visualized articles. Consequently, it helps a great deal to convey the efficient methods of different knowledge and experiments.

For this reason, the study recommends all concerned parties in Egypt especially the Scientific Research Academy and Scientific Research Ministry to begin to prepare for an Egyptian scientific visualized journal using the same course JoVE has endorsed. Having that would help many researchers to use various new techniques which sequentially will facilitate regenerating scientific experiments, saving much more time and effort.

Keywords: The Journal of Visualized Experiments (JoVE); Scientific Video Journals; Video Article; Scholarly Visual Communication; Scientific Videos.