

Full Length Research

ARABIAN ONLINE OPEN ACCESS JOURNALS: A STUDY ON DOAJ

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The present study analysed E-Journals of Arab countries which were listed in Directory of Open Access Journals (DOAJ). The researcher contacted and analysed the data of E-Journals of Arab countries till the date of 27-09-2014. Findings showed that there were 87 E-Journals of Arab countries were published in DOAJ. Forty four journals have been contributed from the Commercial (com) and 20 Journals were contributed from Organizational (org) mail Domain. Egypt is the majority country contributed with 42 E-journals. Eighty seven of E-Journals of Arab countries were identified from 16 countries in DOAJ. English was the most common Communication language to spread the knowledge in all over the world which was used by 67 of E-Journals of Arab countries. Almost majority subject headings of E-Journals of Arab were contributed and interested in Science Field, whereas only Two E-Journals were contributed in Social science.

Keywords: Open Access; E-journals; DOAJ; Arab countries.

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INTRODUCTION

During the past two decades, scientific journal publishing has undergone a veritable revolution enabled by the emergence of the World Wide Web. This revolution has involved two interconnected phases. The first, and to date most visible, is the rapid shift from print-only journals to parallel print and electronic publishing (Tenopir & King, 2000). The second stage in this revolution is the granting of access to articles without any restrictions imposed by subscriptions, commonly referred to as open access (OA) (Willinsky, 2005).

Open-access (OA) journals are scholarly journals that are available online to the reader without financial, legal, or technical barriers other than those inseparable from gaining access to the internet itself. OA Open access journals can be accessible free of cost and unpaid OA. (http://en.wikipedia.org/wiki/Open_access_journal). We can download the articles and use for academic purpose without any charge. DOAJ provides the platform for accessing the open access journals. (Ramjoué, 2008).

Open access journals (sometimes called the "gold road

to open access”) are one of the two general methods for providing open access. The other one (sometimes called the “green road”) is self archiving in a repository (Björk, Welling, Laakso, Majlender, Hedlund, et al., 2010). This study has focused on OA journals, which are scholarly journals that are available online to the reader “without financial, legal, or technical barriers other than those inseparable from gaining access to the internet itself” (Chan, Cuplinskas, Eisen, Friend, Genova, et al.

The Arab institutions began to express their strong commitment on October 2006 during Nidae Al-Ryadh of Free Access to Scientific and Technical Information was the first Arabic declaration in support of OA by the participants in the Second Gulf-Maghreb Scientific Congress (Riyadh, Saudi Arabia, February 25-26, 2006), which calls for free access to all scientific literature on the internet. It supports the idea that scientific literature should be disseminated without any financial, legal, or technological barriers except those concerned with the intellectual property for the author.

According to the UNESCO World Heritage Centre (2015) there are approximately 2086 repositories internationally listed on the Open DOAR - an authoritative quality-assured world directory of academic Open Access repositories -- with about 14 repositories in Arab states and 152 Open Access Journals listed in the Directory of OA Journals (DOAJ) - a comprehensive directory that covers all open access scientific and scholarly journals that use a quality control system to guarantee the content.

The problem of present research-based on fundamental question: “Which are Open Access journals of Arab Countries available in Doaj Database to the reader without financial, legal, or technical barriers?”

Directory of Open Access Journal (DOAJ)

DOAJ is an online directory that indexes and provides access to quality open access, peer-reviewed journals. The aim of the DOAJ is to increase the visibility and ease of use of open access scientific and scholarly journals, thereby promoting their increased usage and impact. The DOAJ aims to be comprehensive and cover all open access scientific and scholarly journals that use a quality control system to guarantee the content. In short, the DOAJ aims to be the one-stop shop for users of open access journals. (<http://doaj.org/>).

Review of Literature:

(Ratnakar, 2007) presents a brief overview of print journals, define OA movement, and explains the reason for existence in current scenario. According to him, OA movement also deals with promoting creation of institutional archives and usage of open source software and digitization programme. He also highlighted the area of OA journals and open archives and present limitations

of OAI movement.

(Kumar, 2012) discussed how Indian OA Journals get international Visibility with increased outreach through primary and secondary open access journal gateways and aggregators. This paper proposed a model of self-sustainability for OA journals as well as for OA journal publishers.

(Jamdade, 2013) studied “A Bibliometric Study of Directory of Open Access Journals: Special Reference to Library & Information Science”. It is observed that in the world wide United States was in 1st rank with 37 e-journals, Brazil was in 2nd rank with 16 e-journals, and Spain was 3rd rank with 10 e-journals publishing in the field of library and information science. It is also revealed that India was in 5th rank in publishing with 06 e-journals of library and information science. English are the most common communication language for the scientific communities in the field of Library & Information Science. Also study found that Engineering (General) Computer Science -Library & Information Science e - journals are interdisciplinary in nature.

(Ambhore & Khaparde, 2014) they studied “Open Access Online Journal on Genetics: A study in DOAJ” contains 57 journals analyzed based on country wise, Languages, subject headings. It is observed that U.S. was in 1st rank in publishing 15 e-journals followed by U.K. also study revealed that English is the most common communication language for scientific community which is used by online journal. Four e-journals on Generics also published simultaneously in English, French, Germany and Turkish languages. Based on results the study suggested that Research scholars, scientists, Professionals should browse the DOAJ site and access the free online journals on their subject areas and also suggested that scientists and Research scholars should publish their research work in online open access journals for wider Visibility of their research work and for greater impact factor and citation index.

(Ramesh, 2014) “Foot Marks of LIS Journals in DOAJ: an Analytical Study”. The DOAJ which lists the open access scientific and scholarly journals in various subject disciplines was selected to analyze the open access availability of the Library and Information Science discipline. In the study it is found that 150 open access e-journals are published in the area of Library and Information Science discipline by various publishers of the world. These 150 Library and Information Science e-journals have been analyzed based on the LIS journals in social science discipline, country of journal published, language of journal published, and year of journal addition to the DOAJ.

OBJECTIVES

The main aim of this study is to analyse and obtain a

Table 1: List of Free of E-journals of Arab countries on Doaj

No	Title of E-Journal	URL	ISSN / EISSN No.	Publisher	Place of Publication	Language	Subject Headings
01	Cybrarians Journal	http://www.cybrarians.info/journal	1687 - 2215	cybrarians, Cairo	Egypt	Arabic, English	Bibliography. Library science. Information resources
02	Physiology Journal	http://www.hindawi.com/journals/phj/	2314 - 4300; 2314 - 4319	Hindawi Publishing Corporation	Egypt	English	Physiology, Science
03	ISRN Bioinformatics	http://www.isrn.com/journals/bioinformatics/	2090 - 7346	Hindawi Publishing Corporation	Egypt	English	Biology (General), Science
04	ISRN Virology	hindawi.com/isrn/Virology/	2090 - 8814	Hindawi Publishing Corporation	Egypt	English	Medicine (General), Medicine
05	Journal of Fractional Calculus and Applications	fcaj.webs.com/	2090 - 584X ; 2090 - 5858	South Valley University	Egypt	English	Mathematics, Science
06	Chinese Journal of Mathematics	hindawi.com/journals/cjm/	2314 - 8071	Hindawi Publishing Corporation	Egypt	English	Mathematics, Science
07	ISRN Ceramics	isrn.com/journals/ceramic/	2090 - 7494; 2090 - 7508	Hindawi Publishing Corporation	Egypt	English	Chemical technology, Technology
08	ISRN Geometry	isrn.com/journals/geometry/	2090 - 6307; 2090 - 6315	Hindawi Publishing Corporation	Egypt	English	Mathematics, Science
09	ISRN Molecular Biology	isrn.com/journals/mob/	2090 - 7907	Hindawi Publishing Corporation	Egypt	English	Biology (General), Science

Table 1: Continuation of Table 1

10	ISRN Entomology	hindawi.com/isrn/entomology/	2314 - 5447	Hindawi Publishing Corporation	Egypt	English	Zoology, Science
11	ISRN Zoology	isrn.com/journals/zoology/	2090 - 522X ; 2090 - 5238	Hindawi Publishing Corporation	Egypt	English	Zoology, Science
12	ISRN Biophysics	isrn.com/journals/biophysics/	2090 - 7362	Hindawi Publishing Corporation	Egypt	English	Biology (General), Science
13	Egyptian Dermatology Online Journal	edoj.org.eg/	1687 - 3831	Egyptian Dermatology Online Journal	Egypt	English	Dermatology, Medicine
14	Journal of Textiles	hindawi.com/journals/textiles/	2314 - 6044	Hindawi Publishing Corporation	Egypt	English	Chemical technology, Technology
15	International Journal of Reproductive Medicine	hindawi.com/journals/ijrep/	2314 - 5757	Hindawi Publishing Corporation	Egypt	English	Gynecology and obstetrics, Medicine
16	International Water Technology Journal	iwjtj.info	2090 - 5432; 2090 - 5440	International Water Technology Association	Egypt	English	General Works
17	Historical Kan Periodical	kanhistorique.org/	2090 - 0449	Historical Kan Periodical	Egypt	Arabic	History (General), History (General) and history of Europe
18	ISRN Biotechnology	isrn.com/journals/biotechnology/	2090 - 9403	Hindawi Publishing Corporation	Egypt	English	Biotechnology, Chemical technology, Technology
19	ISRN Computational Biology	hindawi.com/isrn/comp.bio/	2314 - 5420	Hindawi Publishing Corporation	Egypt	English	Biology (General), Science
20	SRN Geophysics	hindawi.com/isrn/geophysics/	2090 - 8946	Hindawi Publishing Corporation	Egypt	English	Geophysics. Cosmic physics, Physics, Science
21	Egyptian Journal of Biology	nottingham.ac.uk/~plzfg/EBBSoc/ejb.html	1110 - 6859	Egyptian British Biological Society	Egypt	English	Biology (General), Science
22	ISRN Obesity	hindawi.com/isrn/obesity/	2090 - 9446	Hindawi Publishing Corporation	Egypt	English	Internal medicine, Medicine
23	ISRN Biochemistry	hindawi.com/isrn/biochemistry/	2090 - 7729	Hindawi Publishing Corporation	Egypt	English	Biochemistry, Organic chemistry, Chemistry, Science

Table 1: Continuation of Table 1

24	ISRN Environmental Chemistry	hindawi.com/journals/isrn.Environmental.chemistry/	2314 - 6419	Hindawi Publishing Corporation	Egypt	-	Science, Chemistry
25	ISRN Genomics	hindawi.com/isrn/genomics/	2314 - 4637	Hindawi Publishing Corporation	Egypt	English	Genetics, Biology (General), Science
26	ISRN Ecology	isrn.com/journals/ecology/	2090 - 4614; 2090 - 4622	Hindawi Publishing Corporation	Egypt	English	Ecology, Biology (General), Science
27	Chinese Journal of Engineering	hindawi.com/journals/cje/	2314 - 8063	Hindawi Publishing Corporation	Egypt	English	Engineering (General). Civil engineering (General), Technology
28	Journal of Advanced Research	journals.elsevier.com/journal-of-Advanced-research/	2090 - 1232; 2090 - 1224	Elsevier	Egypt	English	General Works
29	Philology	aljournal.shams.edu.eg/index.php/philology/index	1687 - 4242	Ain Shams University	Egypt	English, German, Italian, French, Spanish, Chinese, Turkish, Czech, Japanese, Russian	Philology. Linguistics, Language and Literature
30	international Journal of Atmospheric Sciences	hindawi.com/journals/ijas/	2314 - 4122; 2314 - 4130	Hindawi Publishing Corporation	Egypt	English	Meteorology. Climatology, Physics, Science
31	Journal of Blood Transfusion	hindawi.com/journals/jbt/	2090 - 9187; 2090 - 9195	Hindawi Publishing Corporation	Egypt	English	Therapeutics. Pharmacology, Medicine

Table 1: Continuation of Table 1

32	Egyptian Journal of Pediatric Allergy and Immunology	espai-eg.org/journal.htm	1687 - 1642; 2314 - 8934	Egyptian Society of Pediatric Allergy and Immunology	Egypt	English	Immunologic diseases. Allergy, Specialties of internal medicine, Internal medicine, Medicine
33	ISRN Allergy	isrn.com/journals/allergy/	2090 - 5521; 2090 - 553X	Hindawi Publishing Corporation	Egypt	English	Immunologic diseases. Allergy, Specialties of internal medicine, Internal medicine, Medicine
34	International Journal of Software Engineering	ijse.org.eg/	1687 - 6954; 2090 - 1801	Software Engineering Competence Center (SECC)	Egypt	English	Electronic computers. Computer science, Instruments and machines, Mathematics, Science
35	Lung Cancer International	hindawi.com/journals/lci/	2090 - 3197; 2090 - 3200	Hindawi Publishing Corporation	Egypt	English	Neoplasms. Tumors. Oncology. Including cancer and carcinogens, Internal medicine, Medicine
36	ISRN Hematology	isrn.com/journals/hematology/	2090 - 441X ; 2090 - 4428	Hindawi Publishing Corporation	Egypt	English	Diseases of the blood and blood-forming organs, Specialties of internal medicine, Internal medicine, Medicine
37	ISRN Corrosion	isrn.com/journals/corrosion/	2090 - 8903	Hindawi Publishing Corporation	Egypt	English	Materials of engineering and construction. Mechanics of materials, Electrical engineering. Electronics. Nuclear engineering, Technology
38	Case Reports in Immunology	hindawi.com/crim/immunology/	2090 - 6609; 2090 - 6617	Hindawi Publishing Corporation	Egypt	English	Immunologic diseases. Allergy, Specialties of internal medicine, Internal medicine, Medicine
39	ISRN Emergency Medicine	isrn.com/journals/em/	2090 - 5637	Hindawi Publishing Corporation	Egypt	English	Medical emergencies. Critical care. Intensive care. First aid, Internal medicine, Medicine

Table 1: Continuation of Table 1

40	Communications of the ACS	comm.arabcomputersociety.org/	2090 - 102X	The Arab Computer Society	Egypt	Arabic, English	Electronic computers. Computer science, Instruments and machines, Mathematics, Science
41	Indian Journal of Materials Science	hindawi.com/journals/ijms/	2314 - 7490	Hindawi Publishing Corporation	Egypt	English	Materials of engineering and construction. Mechanics of materials, Electrical engineering. Electronics. Nuclear engineering, Technology
42	ISRN Vascular Medicine	isrn.com/journals/Vm/	2090 - 5823; 2090 - 5831	Hindawi Publishing Corporation	Egypt	English	Diseases of the circulatory (Cardiovascular) system, Specialties of internal medicine, Internal medicine, Medicine
43	International Journal of Chemical and Petroleum Sciences	ijcps.net	2253 - 0932	IJCPS	Algeria	English, French	Chemical technology, Technology
44	Synergies Algerie	gerflint.eu/publications/synergies-algerie.html	1958 - 5160	GERFLINT	Algeria	French	Language and Literature
45	LARHYSS Journal	larhyss.net/ojs/index.php/larhyss	1112 - 3680	Université de Biskra	Algeria	English, French	Hydraulic engineering, Technology
46	Journal of New Technology and Materials	sites.google.com/site/jntmjournals/	2170 - 161X	University of Oum EL-Bouaghi	Algeria	English	Technology (General), Technology
47	Journal of Fundamental and Applied Sciences	jfas.info	1112 - 9867	El Oued University	Algeria	English, French	Science (General), Science
48	Iraqi Journal for Electrical and Electronic Engineering	ijeee.org	1814 - 5892; 2078 - 6069	Ministry of Higher education of Iraq	Iraq	English, Arabic	Electrical engineering. Electronics. Nuclear engineering, Technology
49	Kufa Review	uokufa.edu.iq/journals/index.php/Kufa_Review	2305 - 5421; 2309 - 5997	University of Kufa	Iraq	Arabic, English	General Works

Table 1: Continuation of Table 1

50	Al-Khawarizmi Engineering Journal	iasj.net/?func=journal&issn=18181171	1818 - 1171	Baghdad University	Iraq	English	Engineering (General). Civil engineering (General), Technology
51	International Journal of Energy and Environment	ijee.ieefoundation.org/	2076 - 2895; 2076 - 2909	International Energy and Environment Foundation (IEEF)	Iraq	English	Environmental engineering, Engineering (General). Civil engineering (General), Technology
52	British Museum Studies in Ancient Egypt and Sudan	britishmuseum.org/research/publications/online_journals/bmsaes.aspx	2049 - 5021	The British Museum	United Kingdom	English	Archaeology, Auxiliary sciences of history, History (General), History (General) and history of Europe
53	International Journal of InnoVation and Applied Studies	issr-journals.org/ijias/	2028 - 9324	ISSR Journals	Morocco	English, French, Spanish	General Works
54	Bulletin de l'Institut Scientifique : Section Sciences de la Terre	israbat.ac.ma/spip.php?article17	1114 - 6834	Université Mohammed V Agdal	Morocco	French, English	Geology, Science
55	REMISE : Revue de Microbiologie Industrielle Sanitaire et Environnementale	http://www.remise.ma/	2028 - 0351	Université Mohammed Premier	Morocco	French, English	Microbiology, Science
56	E-TI : E-revue en Technologies de l'Information	reVue-eti.net	1114 - 8802	Ecole Mohammadia d'Ingénieurs	Morocco	French	Information technology, Industrial engineering. Management engineering, Technology (General), Technology
57	Journal of Materials and Environmental Science	jmaterenVironsci.com/	2028 - 2508	University of Mohammed Premier Oujda	Morocco	English, French	Materials of engineering and construction. Mechanics of materials, Electrical engineering. Electronics. Nuclear engineering, Technology, Environmental technology. Sanitary engineering, Technology

Table 1: Continuation of Table 1

58	Saudi Dental Journal	www.sdj.org.sa/	1013 - 9052; 1658 - 3558	Saudi Dental Society	Saudi Arabia	English	Dentistry, Medicine
59	Annals of Saudi Medicine	annsaudimed.net/	0256 - 4947; 0975 - 4466	King Faisal Specialist Hospital and Research Centre	Saudi Arabia	English	Medicine (General), Medicine
60	Saudi Journal of Anaesthesia	saudija.org/	1658 - 354X ; 0975 - 3125	Medknow Publications	Saudi Arabia	English	Anesthesiology, Surgery, Medicine
61	Synergies Monde Arab	gerflint.eu/publications/synergies-monde-Arab.html	1766 - 2796	GERFLINT	Saudi Arabia	French, Arabic, English	Language and Literature
62	Arabian Humanities	cy.revues.org/	2308 - 6122	Centre Français d'Archéologie et de Sciences Sociales de Sanaa	Yemen	French, English	General Works
63	Yemeni Journal for Medical Sciences	med.ust.edu.ye/yjms/	2227 - 9601; 2227 - 961X	University of Science and Technology	Yemen	English	General Works
64	Emirates Journal of Food and Agriculture	www.ejfa.info	2079 - 052X ; 2079 - 0538	United Arab Emirates University	United Arab Emirates	English	Nutrition. Foods and food supply, Home economics, Technology
65	Electronic Journal of Theoretical Physics	www.ejtp.com/	1729 - 5254	Electronic Journal of Theoretical Physics	United Arab Emirates	English	Physics, Science

Table 1: Continuation of Table 1

66	Learning and Teaching in Higher Education : Gulf Perspectives	lthe.zu.ac.ae	2077 - 5504	Zayed University Press	United Arab Emirates	English	Education (General), Education
67	Journal of Economics and Behavioral Studies	ifrnd.org/JournalDetail.aspx?JournalID=2	2220 - 6140	International Foundation for Research and Development (IFRD)	United Arab Emirates	English	Economic theory. Demography, Social Sciences
68	Iranian Red Crescent Medical Journal	ircmj.com/	2074 - 1804; 2074 - 1812	Iranian Hospital, Dubai	United Arab Emirates	English	Medicine (General), Medicine
69	Journal of Social and Development Sciences	ifrnd.org/JournalDetail.aspx?JournalID=3	2221 - 1152	International Foundation for Research and Development (IFRD)	United Arab Emirates	English	Social sciences (General), Social Sciences
70	Jordan Journal of Mechanical and Industrial Engineering	jjmie.hu.edu.jo/index.htm	1995 - 6665	Hashemite University	Jordan	English	Mechanical engineering and machinery, Technology
71	Jordan Journal of Biological Sciences	jjbs.hu.edu.jo	1995 - 6673	Hashemite University	Jordan	English	Biology (General), Science
72	Smile Dental Journal	smiledentaljournal.com	2072 - 473X ; 2072 - 4748	Mena for Dental Services	Jordan	English	Dentistry, Medicine

Table 1: Continuation of Table 1

73	The International Arab Journal of Information Technology	www.iajit.org	1683 - 3198	Zarqa Private University	Jordan	English	Electronic computers. Computer science, Instruments and machines, Mathematics, Science
74	International Journal of Advances in Soft Computing and Its Applications	home.ijasca.com/about-ijasca/	2074 - 8523	International Center for Scientific Research and Studies	Jordan	English	Electronic computers. Computer science, Instruments and machines, Mathematics, Science
75	International Arab Journal of e-Technology	www.iajet.org/	1997 - 6364	Arab Open University	Jordan	English	Information technology, Industrial engineering. Management engineering, Technology (General), Technology
76	Open Veterinary Journal	openveterinaryjournal.com	2218 - 6050	National Authority for Scientific Research & Tripoli University	Libya	English	Veterinary medicine, Animal culture, Agriculture
77	Journal of Engineering Research and Technology	jert.iugaza.edu.ps/Default.aspx?tabid=9815	2312 - 2307	Islamic University of Gaza	Palestine, State of	EN	Technology, Engineering (General). Civil engineering (General)
78	Journal of Numerical Mathematics and Stochastics	www.jnmas.org	2151 - 2302	Euclidean Press, LLC	Lebanon	English	Mathematics, Science
79	Oman Medical Journal	omjournal.org	1999-768; 2070 - 5204	Oman Medical Specialty Board	Oman	English	Medicine (General), Medicine
80	Sultan Qaboos University Medical Journal : SQUMJ	web.squ.edu.om/squmj/index.asp	2075 - 051X ; 2075 - 0528	Sultan Qaboos University	Oman	English	Medicine (General), Medicine

Table 1: Continuation of Table 1

81	Kuwait Journal of Science	journals.ku.edu.kw/kjs/index.php/KJS	2307 - 4108; 2307 - 4116	Kuwait University	Kuwait	English	Science (General), Science
82	Journal of Engineering Research	kuwaitjournals.org/	2307 - 1877; 2307 - 1885	Kuwait University	Kuwait	English	Engineering (General). Civil engineering (General), Technology
83	International Review of Law	qscience.com/loi/irl/	2223 - 859X	Bloomsbury Qatar Foundation Journals	Qatar	English, Arabic	Law in general. Comparative and uniform law. Jurisprudence, Law
84	Global Cardiology Science & Practice	qscience.com/loi/gcsp/	2305 - 7823	Bloomsbury Qatar Foundation Journals	Qatar	English	Diseases of the circulatory (Cardiovascular) system, Specialties of internal medicine, Internal medicine, Medicine
85	Journal of Emergency Medicine, Trauma and Acute Care	qscience.com/loi/jemtac/	1999 - 7086; 1999 - 7094	Bloomsbury Qatar Foundation Journals	Qatar	English	Medical emergencies. Critical care. Intensive care. First aid, Internal medicine, Medicine
86	Heart Views	heartviews.org	1995 - 705X ; 0976 - 5123	Medknow Publications	Qatar	English	Diseases of the circulatory (Cardiovascular) system, Specialties of internal medicine, Internal medicine, Medicine
87	Journal of Educational and Psychological Sciences	uob.edu.bh/english/pages.aspx?module=pages&id=1690&SID=457	1726 - 3670; 1726 - 5231	University of Bahrain	Bahrain	Arabic, English	Education (General), Education

holistic view of the current status of open access journals of Arab countries in DOAJ. Based on this there are some objectives as below:

1. To enumerate the free E-Journals of Arab countries listed on DOAJ Database.
2. To know the country-wise distribution of E-Journals of Arab countries on DOAJ Database.
3. To find out the Language-wise distribution of E-Journals of Arab countries on DOAJ Database.
4. To study the Mail Domain on URL of E-Journals of Arab countries on DOAJ Database.

5. To know the distributing of subject headings of E-Journals of Arab countries on DOAJ Database.

6. To know the distributing of subject keyword of E-Journals of Arab countries on DOAJ Database.

7. To identify the accessibility of Archives during 1989-2013 of E-Journals of Arab countries on DOAJ Database.

SCOPE AND LIMITATION:

The present study was only limited to E-Journals of Arab countries which was listed in DOAJ; that was accessible till 27-09-2014. And also study conducted the

Table 2: Mail Domain-Wise Distribution E-journals of Arab countries

No.	Mail Domain	Frequency	Rank
01	com	44	1
02	org	20	2
03	edu	9	3
04	net	5	4
06	ac	3	6
07	Others	6	7
Total		87	/

Table 3: Country-Wise Distribution of Arabian E-Journals

No	Country	No. of E-Journals	Percentage	Rank
01	Egypt	42	48.28	1
02	Jordan	6	6.90	2
03	United Arab Emirates	6	6.90	2
04	Algeria	5	5.75	3
05	Morocco	5	5.75	3
06	Iraq	4	4.60	4
07	Qatar	4	4.60	4
08	Saudi Arabia	4	4.60	4
09	Kuwait	2	2.29	5
10	Oman	2	2.29	5
11	Yemen	2	2.29	5
12	Bahrain	1	1.15	6
13	Lebanon	1	1.15	6
14	Libya	1	1.15	6
15	Palestine, State of	1	1.15	6
16	United Kingdom	1	1.15	6
Total		87	100	/

accessibility of archives from 1989 to 2013 of E-Journals of Arab countries which were available on DOAJ.

METHODOLOGY

Analytical method was used to collect 87 E-Journals of Arab countries from the Open Access Directory (DOAJ) Database www.doaj.org. And then the data was entered and analysed by helping of SPSS.

DATA INTERPRETATION

Table 1 enumerates the free E-journals of Arab countries on Doaj along with their place of publication, language, subject headings and URL; so any user can browse the

E-journals directly by entering the URL in its address bar.

Table 2 shows Mail Domain-wise distribution in URL of E-journals of Arab countries on DOAJ. First Rank with 44 e-journals was contributed from the Commercial (com) domain. Followed by 20 e-Journals were contributed from Organizational (org) domain which taken Second rank. While the lowest number 3 of Mail Domain came from academic (ac).

Table 3 shows country-wise distribution of E-journals of Arab countries on Doaj. Total 87 e-journals were identified from 16 countries in DOAJ. First Ranking of 42 (48.28%) journals was contributed from the Egypt Country. Each 6 (6.90%) e-journals were contributed from Jordan and United Arab Emirates; both countries were taken the second rank.

Table 4 shows language-wise distribution of E-journals of Arab countries on DOAJ. Total 87 E-journals were

Table 4: Analysis of Language-Wise Distribution of E-journals of Arab countries on DOAJ

No	Languages	No. of E-Journals	Percentage	Rank
01	English	67	77.01	1
02	French, English	7	8.05	2
03	Arabic, English	6	6.90	3
04	French	2	2.29	4
05	Arabic	1	1.15	5
06	English, French, Spanish	1	1.15	5
07	English, German, Italian, French, Spanish, Chinese, Turkish, Czech, Japanese, Russian	1	1.15	5
08	French, Arabic, English	1	1.15	5
09	Not mentioned	1	1.15	/
Total		87	100	/

Table 5: Analysis of Subject Headings of Arabian E-journals in DOAJ

NO	Subject Headings	Frequency
01	Biology (General), Science	6
02	General Works	6
03	Medicine (General), Medicine	5
04	Electronic computers. Computer science, Instruments and machines, Mathematics, Science	4
05	Mathematics, Science	4
06	Chemical technology, Technology	3
07	Diseases of the circulatory (Cardiovascular) system, Specialties of internal medicine, Internal medicine, Medicine	3
08	Engineering (General). Civil engineering (General), Technology	3
09	Immunologic diseases. Allergy, Specialties of internal medicine, Internal medicine, Medicine	3
10	Dentistry, Medicine	2
11	Education (General), Education	2
12	Information technology, Industrial engineering. Management engineering, Technology (General), Technology	2
13	Language and Literature	2
14	Materials of engineering and construction. Mechanics of materials, Electrical engineering. Electronics. Nuclear engineering, Technology	2
15	Medical emergencies. Critical care. Intensive care. First aid, Internal medicine, Medicine	2
16	Science (General), Science	2
17	Zoology, Science	2
18	Anesthesiology, Surgery, Medicine	1
19	Archaeology, Auxiliary sciences of history, History (General), History (General) and history of Europe	1
20	Bibliography. Library science. Information resources	1
21	Biochemistry, Organic chemistry, Chemistry, Science	1
22	Biotechnology, Chemical technology, Technology	1
23	Dermatology, Medicine	1

Table 5: Continuation of Table 5

24	Diseases of the blood and blood-forming organs, Specialties of internal medicine, Internal medicine, Medicine	1
25	Ecology, Biology (General), Science	1
26	Economic theory. Demography, Social Sciences	1
27	Electrical engineering. Electronics. Nuclear engineering, Technology	1
28	Environmental engineering, Engineering (General). Civil engineering (General), Technology	1
29	Genetics, Biology (General), Science	1
30	Geology, Science	1
31	Geophysics. Cosmic physics, Physics, Science	1
32	Gynecology and obstetrics, Medicine	1
33	History (General), History (General) and history of Europe	1
34	Hydraulic engineering, Technology	1
35	Internal medicine, Medicine	1
36	Law in general. Comparative and uniform law. Jurisprudence, Law	1
37	Materials of engineering and construction. Mechanics of materials, Electrical engineering. Electronics. Nuclear engineering, Technology, Environmental technology. Sanitary engineering, Technology	1
38	Mechanical engineering and machinery, Technology	1
39	Meteorology. Climatology, Physics, Science	1
40	Microbiology, Science	1
41	Neoplasms. Tumors. Oncology. Including cancer and carcinogens, Internal medicine, Medicine	1
42	Nutrition. Foods and food supply, Home economics, Technology	1
43	Philology. Linguistics, Language and Literature	1
44	Physics, Science	1
45	Physiology, Science	1
46	Science, Chemistry	1
47	Social sciences (General), Social Sciences	1
48	Technology (General), Technology	1
49	Technology, Engineering (General). Civil engineering (General)	1
50	Therapeutics. Pharmacology, Medicine	1
51	Veterinary medicine, Animal culture, Agriculture	1
Total		87

identified from 11 Languages on DOAJ. Sixty seven (77.01%) e-journals were identified in English language. Seven (8.05%) e-Journals were identified in both French and English language. Six (6.90%) e-journals were identified in both Arabic and English. Two (2.29%) journals were identified in French. although these e-journals were published in Arab countries; it is observed that only one journal named "Historical Kan Periodical" was published in pure Arabic language.

From Table 5 It was seen that the directory of open

Access Journals (DOAJ) covered 87 e-Journals of Arab countries based on 51 subject headings. The highest number of subject headings were 6 for each [Biology (General), Science] and [General Works]. Followed by 5 e-Journals covered Subject headings for each [Medicine (General)] and [Medicine], four e-journals covered Subject headings or each [Electronic computers, Computer Science, Instruments and Machines, Mathematics, Science] and [Mathematics, Science].

Here, it is observed that almost majority of Arabian E-

Table 6: Subject Keywords of Arabian E-Journals

No	Title of the E-journals	Subject Keywords
01	Cybrarians Journal	Librarianship, Information Science, Archives, Libraries
02	Physiology Journal	Physiology, Medicine
03	ISRN Bioinformatics	Computational Biology, Bioinformatics
04	ISRN Virology	Virus, Microbiology
05	Journal of Fractional Calculus and Applications	Integral Equations, Fractional Calculus, Control Theory
06	Chinese Journal of Mathematics	Mathematics
07	ISRN Ceramics	Ceramics
08	ISRN Geometry	Mathematics, Geometry And Topology
09	ISRN Molecular Biology	Molecular Biology
10	ISRN Entomology	Behavior, Biochemistry, Physiology, Ecology, Insects
11	ISRN Zoology	Zoology
12	ISRN Biophysics	Biophysics
13	Egyptian Dermatology Online Journal	Dermatology, Medical Education, Therapy, Clinical And Laboratory Studies
14	Journal of Textiles	Textiles, Manufacturing Process, Fabric
15	International Journal of Reproductive Medicine	Reproduction, Pregnancy
16	International Water Technology Journal	Water Treatment, Water Resources Management, Water Quality, Climatic Change, GIS Remote Sensing, Groundwater Flow, Wastewater
17	Historical Kan Periodical	Historical Studies, Arab World
18	ISRN Biotechnology	Biotechnology
19	ISRN Computational Biology	DNA Sequences, Protein Structures, Biological Data, Gene Expression
20	SRN Geophysics	Geophysics
21	Egyptian Journal of Biology	Biological Sciences, Egyptian Fauna
22	ISRN Obesity	Nutrition Disorders, Metabolic Diseases, Overweight And Obesity
23	ISRN Biochemistry	Biochemistry
24	ISRN Environmental Chemistry	Environmental Chemistry, Environment, Chemistry
25	ISRN Genomics	DNA Sequencing Methods, Bioinformatics, Genetic Mapping
26	ISRN Ecology	Ecosystems, Biodiversity, Environment
27	Chinese Journal of Engineering	Chemical Engineering, Civil Engineering, Computer Engineering, Electrical Engineering, Industrial Engineering, Mechanical Engineering
28	Journal of Advanced Research	Science, Medicine, Dentistry, Pharmacy, Veterinary Medicine, Agriculture, Engineering, Information Technology
29	Philology	Translation, Literature, Discourse Analysis
30	international Journal of Atmospheric Sciences	Atmosphere, Air Pollution, Atmospheric Chemistry

Table 6: Continuation of table 6

31	Journal of Blood Transfusion	Biological Therapy, Blood Transfusion
32	Egyptian Journal of Pediatric Allergy and Immunology	Allergology, Immunology, Rheumatology, SLE, JRA, Asthma, Atopy, Anaphylaxis
33	ISRN Allergy	Immune System, Allergic Diseases, Hypersensitivity
34	International Journal of Software Engineering	Software Engineering, Software Development, System Modeling, Software Architecture, Quality Management
35	Lung Cancer International	Oncology, Lung Neoplasms, Lung Cancer
36	ISRN Hematology	Hematology, Hematologic Diseases, Leukemia, Diagnosis
37	ISRN Corrosion	Materials Science, Corrosion
38	Case Reports in Immunology	Immunology
39	ISRN Emergency Medicine	Emergency Medicine, Critical Care, Intensive Care
40	Communications of the ACS	Computing Architecture, Software Engineering, Web Engineering, Data Mining
41	Indian Journal of Materials Science	Materials Science
42	ISRN Vascular Medicine	Vascular Diseases
43	International Journal of Chemical and Petroleum Sciences	Enhanced Oil Recovery, Petroleum Geology, Petrophysics
44	Synergies Algerie	The French Language, Culture, Literature
45	LARHYSS Journal	Water, Water Treatment, Surface Water, Groundwater, Hydrology
46	Journal of New Technology and Materials	Materials, Nanosciences, Physics, Chemistry, Biology
47	Journal of Fundamental and Applied Sciences	General Sciences, Applied Sciences, Life Sciences
48	Iraqi Journal for Electrical and Electronic Engineering	Electrical Machines, Power System Analysis, Power Electronics, Electronic Circuits, Image Processing, Computer Systems
49	Kufa Review	Philosophy, Political Theory
50	Al-Khawarizmi Engineering Journal	Biomedical, Information, Mechatronics, Manufacturing Operations, Biochemical, Engineering
51	International Journal of Energy and Environment	Energy, Environment, Environmental Problems, Alternative Energy Resources, Sustainable Development
52	British Museum Studies in Ancient Egypt and Sudan	Archaeology
53	International Journal of Innovation and Applied Studies	Engineering, Science, Technology
54	Bulletin de l'Institut Scientifique : Section Sciences de la Terre	Geosciences, Geophysics, Palaeobiology, Environmental Geology
55	REMISE : Revue de Microbiologie Industrielle Sanitaire et Environnementale	Microbial Ecology, Applied Microbiology, Industrial Microbiology
56	E-TI : E-revue en Technologies de l'Information	IT, Computer Science, Network

Table 6: Continuation of table 6

57	Journal of Materials and Environmental Science	Materials Chemistry, Analytical Chemistry, Environmental Aspects
58	Saudi Dental Journal	Dentistry, Oral Diseases, Diseases Of The Orfacial Region, Treatment Of Dental Disease, Epidemiology Of Dental Disease
59	Annals of Saudi Medicine	Medicine, Surgery, Clinical Studies
60	Saudi Journal of Anaesthesia	Anaesthesia
61	Synergies Monde Arab	Arabic Linguistics, Arabic Literature, Culture Studies, Translation Studies
62	Arabian Humanities	History Of The Arabian Peninsula, Archaeology, Literature, Humanities, Social Sciences
63	Yemeni Journal for Medical Sciences	Medicine, Dentistry, Pharmacy
64	Emirates Journal of Food and Agriculture	Agricultural Sciences, Human Nutrition, Agribusiness, Consumer Sciences
65	Electronic Journal of Theoretical Physics	Theoretical Physics, Mathematical Physics, Theoretical Astrophysics
66	Learning and Teaching in Higher Education : Gulf Perspectives	The Gulf, Higher Education
67	Journal of Economics and Behavioral Studies	Economics, Business, Behavioral Studies
68	Iranian Red Crescent Medical Journal	Surgery, Public Health Iran, Disaster
69	Journal of Social and Development Sciences	Social Sciences, Human Development
70	Jordan Journal of Mechanical and Industrial Engineering	Engineering
71	Jordan Journal of Biological Sciences	Animal Biology, Molecular Biology, Genetics, Immunology, Plant Science, Virology
72	Smile Dental Journal	dental health
73	The International Arab Journal of Information Technology	Information Technology, Software Engineering, Information Security, Algorithms, Applications, Networks, HCI
74	International Journal of Advances in Soft Computing and Its Applications	Neural Networks, Fuzzy Numbers
75	International Arab Journal of e-Technology	Information Technology
76	Open Veterinary Journal	Animal Sciences, Veterinary Medicine
77	Journal of Engineering Research and Technology	Electrical Engineering, Mechanical Engineering, Computer Engineering, Information Technology, Communication Engineering, Industrial Engineering
78	Journal of Numerical Mathematics and Stochastics	Numerical Analysis, Stochastic Analysis, Stochastic Models, Applied Mathematics
79	Oman Medical Journal	Health Sciences
80	Sultan Qaboos University Medical Journal : SQUMJ	Medicine, Biomedicine, Family Medicine, Biochemistry, Community Health
81	Kuwait Journal of Science	Mathematics, Computer Science, Physics, Statistics, Biology, Chemistry, Earth Science, Environmental Science

Table No. 7: Continuation of Table 7

72	Smile Dental Journal	-	'	'	'	'	'	'	'	'	'	'	'	'
	The International Arab													
73	Journal of Information	-	'	'	'	'	'	'	'	'	'	'	'	'
	Technology													
	International Journal of													
74	Advances in Soft	-	'	'	'	'	'	'	'	'	'	'	'	'
	Computing and Its													
	Applications													
75	International Arab Journal	-	'	'	'	'	'	'	'	'	'	'	'	'
	of e-Technology													
76	Open Veterinary Journal	-	'	'	'	'	'	'	'	'	'	'	'	'
77	Journal of Engineering	-	'	'	'	'	'	'	'	'	'	'	'	'
	Research and Technology													
	Journal of Numerical													
78	Mathematics and	-	'	'	'	'	'	'	'	'	'	'	'	'
	Stochastics													
79	Oman Medical Journal	-	'	'	'	'	'	'	'	'	'	'	'	'
80	Sultan Qaboos University	-	'	'	'	'	'	'	'	'	'	'	'	'
	Medical Journal : SQUMJ										vol.2	(1-2)	vol.3	(1-2)
81	Kuwait Journal of Science	-	'	'	'	'	'	'	'	'	'	'	'	'
82	Journal of Engineering	-	'	'	'	'	'	'	'	'	'	'	'	'
	Research													
83	International Review of	-	'	'	'	'	'	'	'	'	'	'	'	'
	Law													
84	Global Cardiology	-	'	'	'	'	'	'	'	'	'	'	'	'
	Science & Practice													
	Journal of Emergency													
85	Medicine, Trauma and	-	'	'	'	'	'	'	'	'	'	'	'	'
	Acute Care													
86	Heart Views	-	'	'	'	'	'	'	'	'	'	'	'	'
	Journal of Educational													
87	and Psychological	-	'	'	'	'	'	'	'	'	'	'	'	'
	Sciences										vol.1	(1)	vol.2	(1-4)

Table No. 7: Continuation of Table 7

58	Saudi Dental Journal	vol.14 (1-3)	vol.15 (1-3)	Vol.1 6(13)	Vol.17 (1-3)	Vol.18 (1-3)	Vol.19 (1-3)	Vol.20 (1-3)	Vol.21 (1-3)	Vol.22 (1-4)	Vol.23 (1-4)	Vol.24 (1-4)	Vol.25 (1-4)
59	Annals of Saudi Medicine	-	-	-	vol. 25 (1-4)	Vol. 26 (1-6)	Vol. 27 (1-6)	Vol. 28 (1-4)	Vol.29-31 (2009)	Vol. 31 (1-6)	vol.32 (1-6)	Vol. 33 (1-6)	Vol. 34 (1)
60	Saudi Journal of Anaesthesia	-	-	-	-	-	Vol.1 (1-2)	Vol.2 (1-2)	Vol.3 (1-2)	Vol.4 (1-3)	Vol.5 (1-4)	Vol.6 (1-4)	Vol.7 (1-4)
61	Synergies Monde Arab	-	-	-	-	-	-	-	-	-	-	-	-
62	Arabian Humanities	Vol.10	Vol.11	Vol.2	-	Vol. 13	Vol. 14	Vol. 15	-	Vol. 16	-	Vol. 17	-
63	Yemeni Journal for Medical Sciences	-	-	-	-	-	-	-	-	-	-	-	-
64	Emirates Journal of Food and Agriculture	vol.14 (1)	vol. 15 (1-2)	Vol.6 (1-2)	vol. 17 (1-2)	Vol. 18 (1-2)	Vol. 19 (1-2)	Vol. 20 (1-2)	Vol.21 (1-2)	Vol. 22 (1-6)	Vol.23 (1-6)	Vol. 24 (1-6)	Vol. 25 (1-12)
65	Electronic Journal of Theoretical Physics	-	-	-	Vol.2 (1-2)	Vol.3 (1-5)	Vol.4 (1-3)	Vol.5 (1-3)	Vol.6 (1-3)	Vol.7 (1-2)	Vol.8 (1-2)	Vol.9 (1-2)	Vol.10 (1-2)
66	Learning and Teaching in Higher Education : Gulf Perspectives	-	-	-	-	-	-	-	-	Vol.7 (1-2)	Vol.8 (1-2)	Vol.9 (1-2)	Vol. 10 (1-2)
67	Journal of Economics and Behavioral Studies	-	-	-	-	-	-	-	-	Vol.1 (1)	Vol.2 (1-6), Vol.3 (1-6)	Vol.4 (112)	Vol.5 (1-12)
68	Iranian Red Crescent Medical Journal	-	-	-	-	Vol.8 (1-4)	Vol.9 (1-4)	Vol. 10 (1-4)	Vol. 11 (1-4)	Vol. 12 (1-12)	Vol.13 (1-12)	Vol. 14 (112)	Vol.15 (1-12)
69	Journal of Social and Development Sciences	-	-	-	-	-	-	-	-	-	Vol.1 (1-6), Vol.2 (1-6)	Vol.3 (112)	Vol.4 (1-12)
70	Jordan Journal of Mechanical and Industrial Engineering	-	-	-	-	-	Vol.1 (1-2)	Vol.2 (1-4)	Vol.3 (1-4)	Vol.4 (1-6)	Vol.5 (1-6)	Vol.6 (1-2)	Vol.7 (1)

Table No. 7: Continuation of Table 7

71	Jordan Journal of Biological Sciences	.	.	.	.	.	.	.	.	Vol.1 (1-4)	Vol.2 (1-4)	Vol.3 (1-4)	Vol.4 (1-4)	Vol.5 (1-4)	Vol.6 (1-4)
72	Smile Dental Journal	Vol.1 (1-2)	Vol.2 (1-3)	Vol.3 (1-4)	Vol.4 (1-4)	Vol.5 (1-4)	Vol.6 (1-4)	Vol.7 (1-4)	Vol.8 (1-4)
73	The International Arab Journal of Information Technology	.	.	Vol.1 (1-2)	Vol.2 (1-4)	Vol.3 (1-4)	Vol.4 (1-4)	Vol.5 (1-4)	Vol.6 (1-5)	Vol.7 (1-4)	Vol.8 (1-4)	Vol.9 (1-6)	Vol.10 (1-6)				
74	International Journal of Advances in Soft Computing and Its Applications	(12)1 S.	Vol.1 (1-3)	Vol.2 (1-2)	Vol.3 (1-3)	Vol.4 (1-2)	Vol.5 (1-3)	Vol.1-1 Special. issue	
75	International Arab Journal of e-Technology	.	.	.	.	.	.	.	.	Vol.1 (1-4)		Vol.2 (1-4)			
76	Open Veterinary Journal	.	.	.	.	.	.	.	.	.	.	Vol.1 (1)	Vol.2 (1)		Vol.3 (1-2)
77	Journal of Engineering Research and Technology	.	.	.	.	.	.	.	.	.	.	.	.	.	.
78	Journal of Numerical Mathematics and Stochastics	.	.	.	.	.	.	.	.	.	.	Vol. 2 (1)	Vol. 3 (1)	Vol. 4 (1)	Vol. 5 (1)
79	Oman Medical Journal	.	.	.	.	.	.	.	.	Vol. 25 (1-4)	Vol. 26 (16)	Vol. 27 (6)	Vol. 28 (1-6)		
80	Sultan Qaboos University Medical Journal : SQUMJ	vol.4 (1)	vol.5 (1)	.	.	Vol.6 (1-2)	Vol.7 (1-3)	Vol.8 (1-3)	Vol.9 (1-3)	Vol. 10 (1-3)	Vol.11 (14)	Vol. 12 (14)	Vol. 13 (1-4)				
81	Kuwait Journal of Science	.	.	.	.	.	.	.	.	.	.	.	.	.	Vol. 40 (1-2)
82	Journal of Engineering Research	.	.	.	.	.	.	.	.	.	.	.	.	.	Vol.1 (1-3)
83	International Review of Law	issue (1)	issue (1-4)	issue (1-4)		
84	Global Cardiology Science & Practice	issue (1-2)	issue (1-2)	issue (1-4)		

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