

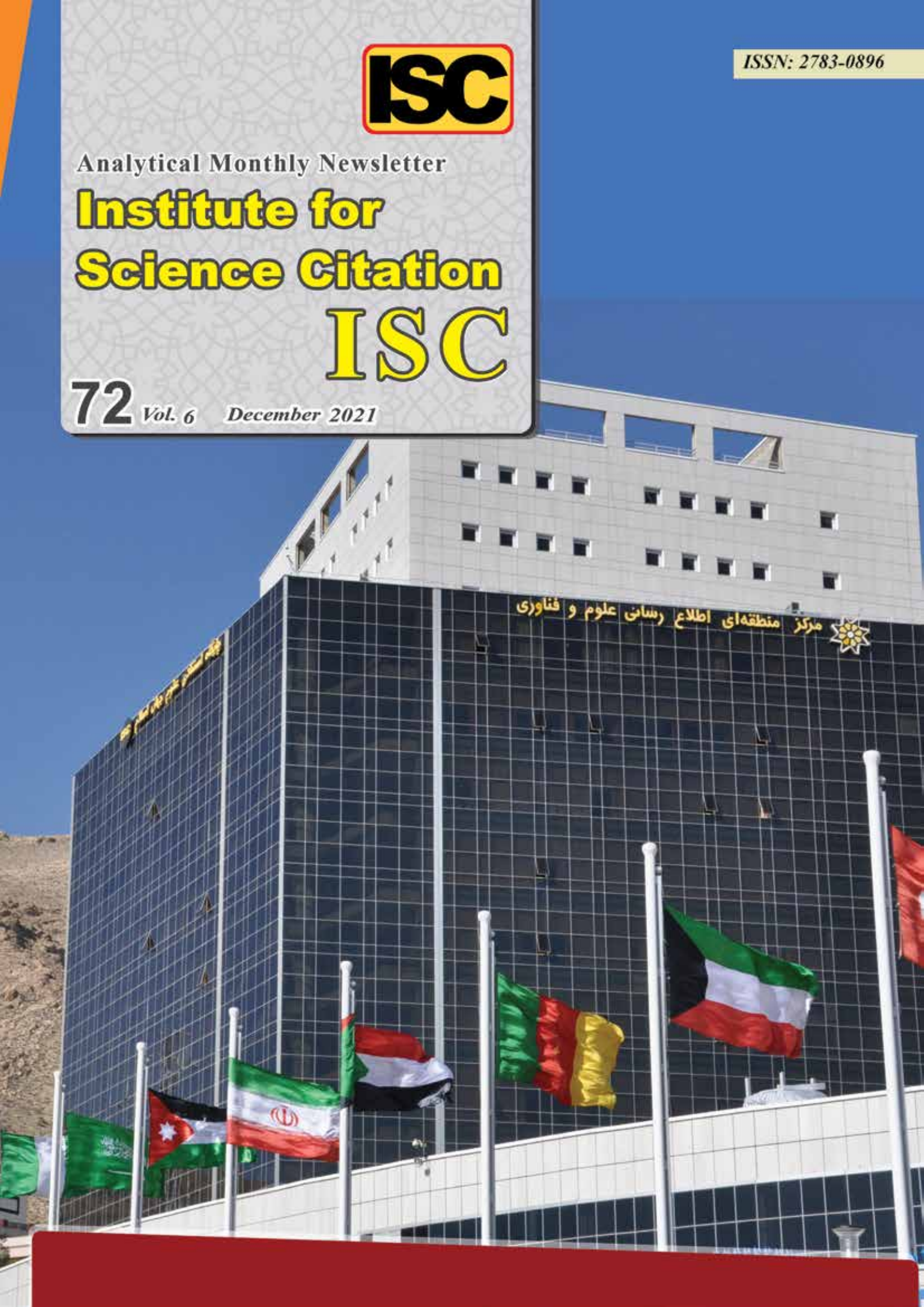


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مرکز منطقه‌ای اطلاع‌رسانی علوم و فناوری

A Reflection on **Jordan** Journals in ISC

An Introduction to JCR

Journal Citation Reports (JCR) (<https://jcr.isc.gov.ir/main.aspx>) is derived from international Scientometric standards and is an essential tool for in-depth analysis and ranking of scholarly and professional journals. This tool covers different languages including Persian, English, French, and Arabic. By analyzing citations, Islamic World Journal Citation Reports measures research influence and impact at the journal and category levels and shows the relationship between citing and cited journals. Exploring the impact and influence of the Islamic World's leading scholarly journals is possible by performing direct comparisons of titles using trend analysis. This Product helps researchers keep up with the latest bibliometric developments, track publication and citation patterns to aid strategy and policy making, identify the most influential journals in which to publish articles, determine journal's influence in the marketplace and review editorial functions.

JCR pursues significant goals in Islamic World

- ✓ Evaluating and ranking journals based on scientometric criteria
- ✓ Systematic and objective review of the Islamic World's leading journals
- ✓ Providing the context to understand a journal's true place in the scholarly world
- ✓ Applying a combination of impact metrics, and citing and cited data points to comprise the complete Islamic World citation network.

JCR offers various analysis options:

- ✓ journals' Impact Factors
- ✓ journals' Immediacy Index
- ✓ journals' Cited Half-Life
- ✓ journals' Total Cites
- ✓ journals' Total Articles
- ✓ Citing Journals
- ✓ Cited Journals
- ✓ Journals' Bibliographic Information
- ✓ Advanced Filtering Options
- ✓ Trend Analyses

Subject Assignment in JCR

In JCR, there are three levels of subjects: **Macro Level**, **Mid-Level** and **Micro Level**. ISC has assigned subjects according to categorization of Ministry of Science, Research and Technology of Iran until 2016. However, since 2017, subject assignment of ISC in JCR has been done based on international databases categorization, with some slight changes. The Macro Level subjects reported currently in ISC include: Life Sciences, Arts and Humanities, Social Sciences, Health Sciences, Physical Sciences and Multidisciplinary.

Journals of Jordan in JCR

Row	Title	ISSN	Impact Factor in 2017	Q in Mid-Level Subject	ISC Level
1	Jordan Journal of Civil Engineering	19930461	0.149	Engineering (Q2)	
2	Jordan Journal of Mechanical and Industrial Engineering	19956665	0.123	Engineering (Q2)	
3	Jordan Journal of Biological Sciences	23077166	0.095	Biochemistry, Genetics and Molecular Biology (Q3), Agricultural and Biological Sciences (Q3)	
4	المجلة الاردنية في ادارة الاعمال	23086149	0.089	Business, Management and Accounting (Q4), Economics, Econometrics and Finance (Q3)	
5	Jordan Journal of Economic Sciences	23089954	0.083	Economics, Econometrics and Finance (Q3)	
6	المجلة الاردنية للعلوم التطبيقية: سلسلة العلوم الانسانية	16052579	0.067	Chemistry (Q3), Physics and Astronomy (Q2), Medicine (Q3), Mathematics (Q3), Humanities (Q2)	
7	المجلة الاردنية في الدراسات الاسلامية	20795076	0.006	Humanities (Q4), Social Sciences (Q4)	
8	Jordan Journal of Modern Languages and Literature	19946953	0.000	Social Sciences (-), Humanities (-)	
9	الزرقاء للبحوث و الدراسات الانسانية	15619109	0.000	Humanities (-), Economics, Econometrics and Finance (-), Social Sciences (-)	
10	المجلة الاردنية في العلوم التربوية	18149480	0.000	Social Sciences (-), Psychology (-)	
11	المجلة الاردنية للعلوم الاجتماعية	20719728	0.000	Social Sciences (-), Psychology (-), Humanities (-)	
12	المجلة الاردنية للفنون	20768958	0.000	Arts (-)	
13	مجلة اتحاد الجامعات العربية للآداب	18189849	0.000	Social Sciences (-), Humanities (-)	
14	مجلة مجمع اللغة العربية الأردني	02581094	0.000	Humanities (-)	
15	Cybrarians Journal	16872215	N/A	Social Sciences (N/A)	
16	General Mathematics Notes	22197184	N/A	Mathematics (N/A)	
17	International Journal of Advances in Soft Computing and its Applications	20748523	N/A	Computer Sciences (N/A)	
18	International Journal of Linguistics, Literature and Translation (IJLLT)	26170299	N/A	Humanities (N/A), Social Sciences (N/A)	
19	Jordan Journal of Agricultural Sciences	18158625	N/A	N/A	
20	Jordan Journal of Chemistry	18149111	N/A	Chemistry (N/A)	
21	Jordan Journal of Earth and Environmental Sciences	19956681	N/A	N/A	
22	Jordan Journal of Electrical Engineering	24099600	N/A	N/A	

Row	Title	ISSN	Impact Factor in 2017	Q in Mid-Level Subject	ISC Level
23	Jordan Journal of Mathematics and Statistics	20757905	N/A	Mathematics (N/A)	
24	Jordan Journal of Pharmaceutical Sciences	19957157	N/A	Pharmacology, Toxicology and Pharmaceutics (N/A)	
25	Jordan Journal of Physics	19947615	N/A	Physics and Astronomy (N/A)	
26	Jordan Medical Journal	04469283	N/A	Medicine (N/A)	
27	Jordanian Journal of Computers and Information Technology (JJCIT)	24139351	N/A	N/A	
28	The Arab Journal of Psychiatry	10168923	N/A	Medicine (N/A)	
29	The International Arab Journal of Information Technology	16833198	N/A	Computer Sciences (N/A)	
30	الميزان للدراسات الاسلاميه و القانونية	2311097X	N/A	N/A	
31	دراسات : العلوم الانسانية و الاجتماعية	10263721	N/A	Social Sciences (N/A)	
32	دراسات : العلوم التربوية	10263713	N/A	Social Sciences (N/A), Psychology (N/A)	
33	دراسات : علوم الشريعة و القانون	26636239	N/A	Social Sciences (N/A), Humanities (N/A)	



* Primary Journals



Waiting Journals



Core Collection

Jordan has **33** indexed journals in ISC. Iran (1702 journals (479 English journals)), Turkey (318 journals), and Egypt (187 journals) are the first three countries with regard to the number of indexed journals in ISC. As shown in the table above, from among the 33 journals of Jordan indexed in ISC, 1 is in *core collection*, 13 are in *waiting journals*, and 19 are in *primary journals*. With regard to language, 20 journals are in English and 13 in Arabic.

The screenshot shows the ISC Journal Citation Reports (JCR) website. The search filters are set to: Title or ISSN (empty), Language (All), Macro Level Subject (empty), Publisher (empty), Country (All), Mid Level Subject (empty), Micro Level Subject (empty), and Year (from 2017 to 2017). The search results table is as follows:

Row	Title	Year	Impact Factor	Immediacy Index	Total Cites	Articles	ISC Level
1	jordan journal of civil engineering	2017	0.149	0.029	25	35	
2	jordan journal of mechanical and industrial engineering	2017	0.123	0.009	50	31	
3	jordan journal of biological sciences	2017	0.095	0.021	53	47	

The subjects covered by Jordan's journals include "Arts and Humanities", "Health Sciences", "Life Sciences", "Social Sciences", and "Physical Sciences" in *Macro level* and "Engineering", "Biochemistry, Genetics and Molecular Biology", "Agricultural and Biological Sciences", "Business, Management and Accounting", "Economics, Econometrics and Finance", "Chemistry", "Physics and Astronomy", "Medicine", "Mathematics", "Humanities", "Social

Sciences", "Psychology", "Arts", "Computer Sciences", and "Pharmacology, Toxicology and Pharmaceutics" in *Mid-level*.

Based on the data, the journal "*Jordan Journal of Civil Engineering*" with an Impact Factor of **1.149** is the best journal of Jordan in ISC. It is **Q1** in Macro Level Subject of Physical Sciences and Mid-Level Subject of **Engineering**. It is in the Waiting List of JCR journals as well.

Higher Education in Jordan

The sector of higher education in Jordan plays a key remarkable role in the process of comprehensive development at various levels and areas. That is, during the last ten years, higher education in Jordan witnessed a significant progress in terms of the diversity of study programs, patterns of teaching and learning that control both the quality and quantity and expansion of higher education institutions.

During the last two decades, the sector of higher education in Jordan witnessed a prominent development as well as progress evidenced by the increasing number of institutions of higher education, enrolled students, faculty members, administrative and academic members; size of expenditures and the financial government support to this significant educational sector.

The number of public universities as a result has reached (10), besides (17) universities that are private, and (51) community colleges, this is in addition to the World Islamic Sciences and Education University. This progress in numbers of universities accompanied by significant increase in number of students enrolled to study in these universities, where the number of enrolled students in both public and private universities is estimated at nearly (236) thousand; (28) thousand out of the total are from Arab or foreign nationalities. Thus,

the pride created by this development as well as progress puts us face-to-face with various challenges, the thing which leads us to pay more efforts in order to overcome the difficulties and obstacles stand before us, to realize a balance between the spread of higher education and its establishment from one side, and its level and quality from the other.

As a result of the development that occurred in this sector and in order to maintain the quality of higher education, the next phase required a reconsideration of the law that governs public and private universities as well as the higher education.

The key performance indicators of the strategy of higher education appear clearly through: percentages of (1) males and female's enrollment into regular admission programs and parallel programs; (2) the steady increase in faculty members; (3) financial government support for institutions of higher education; (4) turnout for expansion of private universities (private sector) that aims to participate in shouldering the burden and responsibilities of education with the public sector; (5) the Higher Education Accreditation Commission that supervises on quality assurance at both public and private institutions of higher education to be

consistent with the international standards; (6) updating libraries of universities and linking all institutions of higher education to the electronic periodicals and universities networks; (7) the Scientific Research Support Fund that finances projects with national priorities, offering grants for outstanding graduates, granting the outstanding research prize, the outstanding researcher prize and the outstanding student prize; (8) and finally accrediting the TOEFL

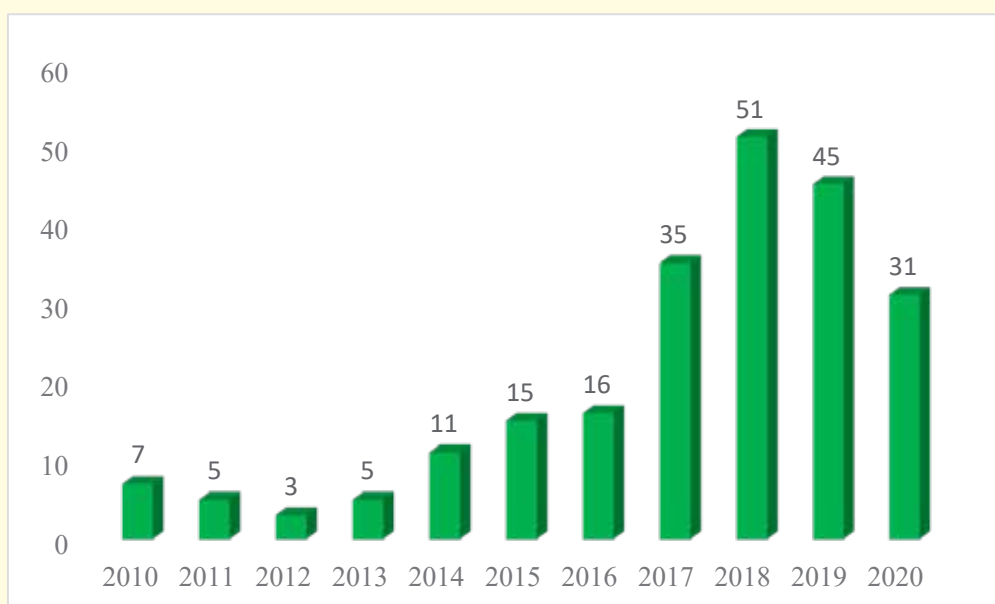
certificate as an admission certificate for joining master and PhD programs.

Moreover, the ministry worked on bridging the gap between higher education output and labor market in order to respond to the present and future needs of qualified and specialized cadres in various areas of knowledge; and to compensate for the lack of natural resources in the region by creating a qualified human resources fortified by knowledge and efficiency.

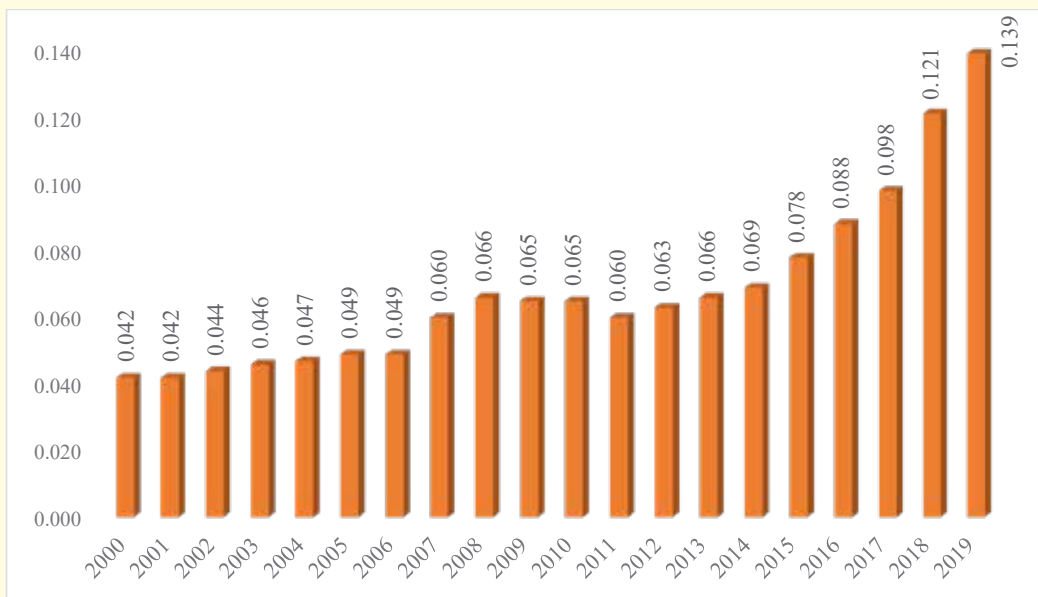
Jordan Publication in WOS and Scopus



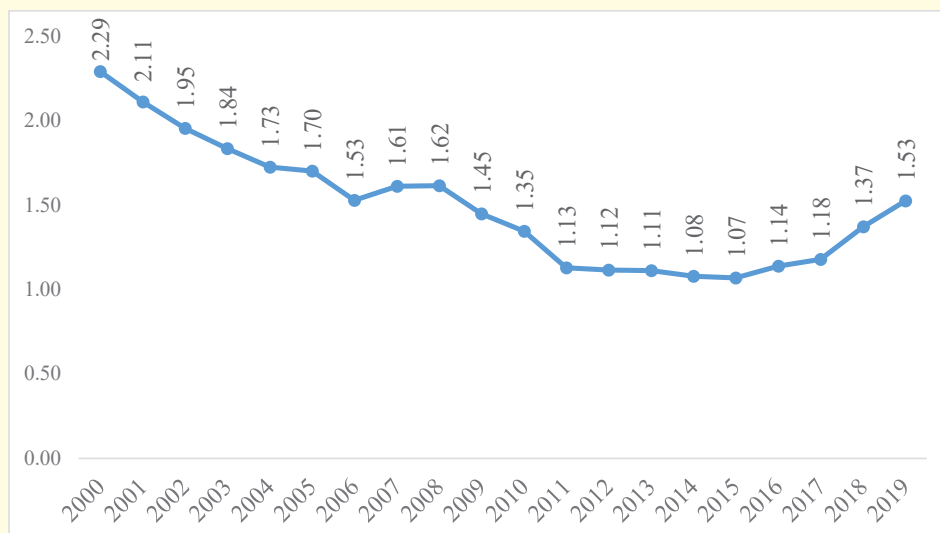
Highly Cited Paper by Jordan Scientists, WOS



Jordan's Share of World's Scientific Publication



Jordan's Share of OIC's Scientific Publication



Top Countries with Highest Scientific Collaboration in 2019

Rank	Countries	Records
1	USA	691
2	Saudi Arabia	462
3	England	270
4	U Arab Emirates	259
5	Germany	227
6	Egypt	198
7	Canada	191
8	Malaysia	179
9	India	171
10	AUSTRALIA	168
11	ITALY	150
12	PEOPLES R CHINA	143

Top 10 Universities in ISC World University Rankings by Subject 2020 in Medical and Health Sciences

Introduction

The Islamic World Science Citation Center (ISC) introduced its new global university ranking system “*World University Rankings by Subject 2020*” (www.wur.isc.ac) in 2021. Of course, ranking is not a new practice in ISC. In fact, ISC – as an ISESCO-Affiliated Center – based on its duties, has been ranking OIC universities since its establishment in 2008. But in 2018, it took the initiative to upgrade its regional ranking system into a global one which releases global university rankings annually. After a decade of doing various rankings, including national, regional, and global rankings, and due to valuable experiences in this field (ISC known as the only ranking authority in Iran since 1999), ISC started to rank world universities based on subject areas for the first time.

This new ranking system reports the status of more than 2000 universities from all over the world with regard to their field and subject. They were selected from a population of more than 3000 universities.

In ISC World University Rankings by Subject, the OECD hierarchical classification structure is used. In this structure, all subject areas are divided into 6 main categories and 42 subcategories (eventually 3 subcategories are left out). The 6 main categories in this ranking system are: *Natural Sciences, Engineering and Technology, Medical and Health Sciences, Agricultural Sciences, Social Sciences* and *Humanities*.

In order to collect more information on the methodology of this ranking system, you can refer to the following link: <https://wur.isc.ac/Home/SubjectiveMethodology>

Medical and Health Sciences

This major subject includes the following minor subjects:

- Basic Medical Research
- Clinical Medicine
- Health Sciences

In the current report, the top 10 universities in Medical and Health Sciences in OIC region and in the world are introduced as follows:

ISC World University Rankings by Subject 2020 Top 10 World Universities in Medical and Health Sciences

Table 1. Top 10 Universities in Medical and Health Sciences in the World

Rank	University	Country
1	Harvard University	USA
2	University of Toronto	Canada
3	Johns Hopkins University	USA
4	University College London	UK
5	University of California San Francisco	USA
6	University of Pennsylvania	USA
7	Stanford University	USA
8	University of Washington Seattle	USA
9	University of Oxford	UK
10	Imperial College London	UK

As Table 1 indicates, in *ISC World University Rankings by Subject 2020*, the best universities in Medical and Health Sciences in the **world** are Harvard University (USA), University of Toronto (Canada), and Johns Hopkins University (USA) respectively.

It is noticeable that the USA with six universities has the highest number of universities in ISC's top 10 list in Medical and Health Sciences.

ISC World University Rankings by Subject 2020 **Top 10 OIC Universities in Medical and Health Sciences**

Table 2. Top 10 Universities in Medical and Health Sciences in OIC

Rank	University	Country
231	Tehran University of Medical Sciences	Iran
250	American University of Beirut	Lebanon
251-300	Aga Khan University	Pakistan
251-300	Cairo University	Egypt
251-300	King Saud University	Saudi Arabia
301-350	Hacettepe University	Turkey
301-350	Istanbul University	Turkey
301-350	King Abdulaziz University	Saudi Arabia
301-350	Universiti Malaya	Malaysia
301-350	University of Ibadan	Nigeria

As Table 2 reveals, according to *ISC World University Rankings by Subject 2020*, the best universities in Medical and Health Sciences in **OIC** are Tehran University of Medical Sciences (Iran), American University of Beirut (Lebanon), and Aga Khan University (Pakistan) respectively.

Among OIC region, Saudi Arabia and Turkey with two universities have higher number of universities in ISC's top 10 list in Medical and Health Sciences.