Introduction of S2Journal for the aggregation of journal information

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Introduction

There are many information resources relating to the scholarly publication market. These resources exist in various forms, such as programs, systems, and databases. These services have been developed based on scholarly information resources produced by researchers and editors, and the forms of information contained in these services include journals, books, proceedings, and technical reports. Of these forms of information, journals play the most active role in the forefront of scholarly communication. In light of the tremendous number of journals that are published, with considerable variation across fields, each resource evaluates journals according to its own evaluation criteria and indexes them with various types of services. The Web of Science, Scopus, PubMed, and Directory of Open Access Journals (DOAJ) are representative services that are widely known worldwide as well as domestically.

Librarians support researchers in the utilization of information that is scattered in complicated ways and try to collect identifiable resources. Moreover, institutions use journal indices to measure the performance of researchers. As this requires considerable manpower and time to process massive quantities of data, the need to find ways to carry out this process easily and simply has been raised.

Main Services of S2Journal

Most of the questions that many researchers and editors have are about whether an academic journal is indexed. In other word, answers to questions like 'Is journal a Science Citation Index (SCI) journal?', 'What is the impact factor of journal B?', 'Does journal C have a high impact factor in its field?', or 'Is journal D an open access journal?' can be found using the above resources. However, information about the journal should be searched for through a database or list operated by those who evaluated the corresponding journal and published the results, and one should also learn all the appropriate search methods. This process can be confusing, because the place where one can determine whether the journal has been registered and the source that one can use to search the evaluation index may be different, despite being based on the same original source.

S2Journal is a tool that addresses these difficulties experienced by researchers. As an inte-

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grated platform for journal information, it is a database that is served by Argonet. Indices related to journals can be searched in a single place, eliminating the need to use multiple sites. The S2Journal service is divided into 2 sections: the Journal Ranking section, where information on the journal level can be checked, and the Master Journal List section, where indexing information about the journal in various databases can be viewed.

The Journal Ranking section displays the impact factor provided through Journal Citation Reports (JCR), SCImago Journal Rank (SJR), and CiteScore, which are serviced by Sco-

pus, and Korea Citation Index (KCI) ranking information on domestic journals. As shown in Fig. 1, when the JCR ranking is clicked, the name of the journal, the JCR publication year, ISSN (International Standard Serial Number), topic title, impact factor, impact factor ranking (%), and the total list based on the impact factor appear. If the top 1%, 3%, 5%, or 10% in the top of Fig. 1 are clicked, the total list is narrowed down to the list that corresponds to the chosen ranking. Each database provides information by journal topic, which is chosen via the summary by topic. The Master Journal List section provides updated registration information contained in the databases

JCR 랭킹

Download

상위 1% 상위 3% 상위 5% 상위 10%

Year: 2015 Edition: SCIE Journal Title: ISSN: Category: ALL Ratio: %

YEAR	JOURNAL	ISSN	CATEGORY DESCRIPTION	LF	LF순위(%)	LF(5YEAR)	RATING
2015	ACTA NUMERICA	0962-4929	MATHEMATICS	9.000	0.32		Q1
2015	NATURE MEDICINE	1078-8956	BIOCHEMISTRY & MOLECULAR BIOLOGY	30.357	0.35	28.439	Q1
2015	NATURE MATERIALS	1476-1122	MATERIALS SCIENCE, MULTIDISCIPLINARY	38.891	0.37	45.772	Q1
2015	PROGRESS IN QUANTUM ELECTRONICS	0079-6727	ENGINEERING, ELECTRICAL & ELECTRONIC	6.923	0.39	7.763	Q1
2015	COMMUNICATIONS ON PURE AND APPLIED MATHEMATICS	0010-3640	MATHEMATICS, APPLIED	3.617	0.39	3.965	Q1
2015	NATURE REVIEWS NEUROSCIENCE	1471-003X	NEUROSCIENCES	29.298	0.39	35.142	Q1
2015	NATURE REVIEWS DRUG DISCOVERY	1474-1776	PHARMACOLOGY & PHARMACY	47.120	0.39	43.016	Q1
2015	Energy & Environmental Science	1754-5692	ENVIRONMENTAL SCIENCES	25.427	0.44	22.118	Q1
2015	CA-A CANCER JOURNAL FOR CLINICIANS	0007-9235	ONCOLOGY	137.578	0.47	145.020	Q1
2015	Annual Review of Plant Biology	1543-5008	PLANT SCIENCES	22.131	0.48	25.829	Q1

Fig. 1. Journal Citation Ranking (JCR) ranking screen.

Acta Orthopaedica

Journal Information

Article

Journal Title	Acta Orthopaedica
ISSN	P-ISSN 1745-3674 E-ISSN 1745-3682
Publisher	Taylor & Francis
Listed on	JCR 2010 2011 2012 2013 2014 2015 SJR 2010 2011 2012 2013 2014 2015 CiteScore 2011 2012 2013 2014 2015 SCI 2013 2014 2015 2016 2017 SCIE 2013 2014 2015 2016 2017 CC 2016 2017 MEDLINE 2016 DOAJ 2017 EMBASE 2016
OA	
Country	United Kingdom

Fig. 2. Journal information on the detailed journal information screen.

of SCI, Science Citation Index Expanded (SCIE), Emerging Sources Citation Index (ESCI), Social Sciences Citation Index (SSCI), Arts & Humanities Citation Index (A&HCI), Medline, DOAJ, KCI, and Embase. If the journal is listed in 2 or more databases, all sources for the relevant journal can be checked at the same time. However, the use of JCR is available only if the institution has the necessary license.

The journal shown in Fig. 2 is listed on SCI, Scopus, Medline, and Embase, and its open access policy can be confirmed on the same screen. If the 'Article' button on the right in Fig. 1 is clicked, the papers published in that journal can be viewed. Although it is not reflected in real time, there is a single place where papers indexed in the journal are collected and information on the papers is provided based on their digital object identifiers (DOIs). Fig. 3 shows a screenshot of part of various indices on a page providing detailed journal information. As shown in this example, if the timeline from paper submission to its acceptance and its official publication is provided, the uncertainty that researchers feel in the process of paper submission and publication can be reduced.

Additional Services of S2Journal

Information that had to be checked manually, requiring much time and cost, can now be conveniently used in a single platform. Based on the top 1%, 3%, 5%, and 10% rankings for the JCR impact factor, which is announced every year, information can be extracted in various formats, such as Excel or PDF, in a single step using a dedicated functional. As this tool can be used to check the paper impact factor and registration status through an additional application programming interface (API) function during meetings about faculty appointments or researcher assessments, work efficiency can be enhanced through linkage with institutions' performance evaluation systems.

Additionally, S2Journal provides services such as the management of journals of interest, journal selection, and paper publication trends. The management of journals of interest is a function that shows an index of journal collections corresponding to specific interests. Meanwhile, the journal selection service uses artificial intelligence to suggest the most appropriate journals for the topic of a manuscript when the title

Fig. 3. Example of indices on the detailed journal information screen.

Journal Selection Service

Title/Keyword

Relationship between disease stage and renal function in bisphosphonate-related osteonecrosis of the jaw

Abstract

Objectives

Bisphosphonate is the primary cause of bisphosphonate-related osteonecrosis of the jaw (BRONJ). Bisphosphonates are eliminated from the human body by the kidneys. It is anticipated that bisphosphonate levels in the body will increase if the kidney is in a weak state or if there is systemic disease that affects kidney function. The aim of this study was to analyze the relevance of renal function to the occurrence of BRONJ.

Recommend Journal

Selected Journals (90)

Compare Journals

Ranking

Top 25%

☐ JCR(42)
☐ SJR(69)
☐ CiteScore(68)
☐ KCI(5)

Listing

☐ SCI(17)
☐ SCIE(40)
☐ SSCI(1)
☐ A&HCI(0)
☐ ESCI(12)
☐ CC(22)
☐ MEDLINE(56)
☐ DOAJ(23)
☐ KCI(5)
☐ KICandidate(0)
☐ EMBASE(72)

Open Access

☐ Open Access

★ Wiener Medizinische Wochenschrift 0.57

Springer Verlag 1563-258X

SJR(Ranking) CiteScore(Ranking) ESCI(Master) MEDLINE(Master) EMBASE(Master)

★ Prilozi / Makedonska akademija na naukite i umetnostite, Oddelenie za bioloiki i medicinski nauki = Contributions / Macedonian Academy of Sciences and Arts, Section of Biological and Medical Sciences. 0.57

Makedonska akademija na naukite i umetnostite 0351-3254

SJR(Ranking) DOAJ(Master)

★ European Journal of Medical Research 0.56

Holzapfel Verlag GmbH 0949-2321

JCR(Ranking) SJR(Ranking) CiteScore(Ranking) SCIE(Master) CC(Master) MEDLINE(Master) EMBASE(Master)

★ Collegium Antropologicum 0.56

School Of Biological Anthropology 0350-6134

JCR(Ranking) SJR(Ranking) CiteScore(Ranking) SSCI(Master) MEDLINE(Master) EMBASE(Master)

★ Clinical Medicine and Research 0.55

Marshfield Clinic 1554-6179

SJR(Ranking) CiteScore(Ranking) ESCI(Master) MEDLINE(Master) DOAJ(Master) EMBASE(Master)

★ International Journal of General Medicine 0.54

Dove Medical Press Ltd 1178-7074

SJR(Ranking) CiteScore(Ranking) ESCI(Master) DOAJ(Master) EMBASE(Master)

★ Journal of Korean Medical Science 0.54

Fig. 4. Journal selection service.

and abstract of a manuscript that has been written is entered, and provides a recommendation regarding the highest-ranked journals in JCR, SJR, CiteScore, and KCI. As shown in Fig. 4, it allows the authors of an article to select 5 recommended journals, check the presence or absence of copyright as well as various journal indices, indexing speed, and the open access policy, enabling them to submit their paper to the journal of their choice. Moreover, the tool for assessing paper publication trends will increase the utilization of this database by providing information about new developments in journal publication and the publishing world.

Conclusion

As a variety of information resources have been launched in the scholarly publication market, the tools that researchers or editors can use have become more numerous and complicated. S2Journal can be recommended as a platform that can help researchers use these resources more easily.

Conflict of Interest

No potential conflict of interest relevant to this article was reported.