

# Identifying valid journals for publishing articles

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Ph.D of Knowledge and information science

#### **Scientific journal:**

A scientific journal is a periodical publication that contains original research articles, reviews, and other scholarly content in a specific field of science.

Scientific journals are an essential part of the scientific process, as they provide a platform for researchers to share their findings with the scientific community and facilitate the dissemination of knowledge.

#### **Types of Scientific Journals**:

National

**Journals** 

International

These journals focus on scientific research and topics relevant to a specific country or region

These journals focus on scientific research and topics relevant to a global audience

#### **Types of Scientific Journals:**

**General science journals:** These journals publish articles on a wide range of scientific topics, including biology, chemistry, physics, and mathematics

**Examples:** Nature, Science

**Specialized science journals:** These journals publish articles on a specific area of science, such as genetics, neuroscience, or materials science.

Examples: Advanced Drug Delivery Reviews

**Interdisciplinary science journals:** These journals publish articles that combine multiple scientific disciplines, such as biochemistry or environmental science.

Examples: Nature Biotechnology



<u>nature</u> > <u>nature biotechnology</u> > aims & scope

#### Aims & Scope

*Nature Biotechnology* is a monthly journal covering the science and business of biotechnology. It publishes new concepts in technology/methodology of relevance to the biological, biomedical, agricultural and environmental sciences as well as covers the commercial, political, ethical, legal, and societal aspects of this research. The first function is fulfilled by the peer-reviewed research section, the second by the expository efforts in the front of the journal. We provide researchers with news about business; we provide the business community with news about research developments.

The core areas in which we are actively seeking research papers include: molecular engineering of nucleic acids and proteins; molecular therapy (therapeutics genes, antisense, siRNAs, aptamers, DNAzymes, ribozymes, peptides, proteins); large-scale biology (genomics, functional genomics, proteomics, structural genomics, metabolomics, etc.); computational biology (algorithms and modeling), regenerative medicine (stem cells, tissue engineering, biomaterials); imaging technology; analytical biotechnology (sensors/detectors for analytes/macromolecules), applied immunology (antibody engineering, xenotransplantation, T-cell therapies); food and agricultural biotechnology; and environmental biotechnology. A

#### **Types of Scientific Journals:**

**Review Journals:** These journals publish review articles that summarize the current state of knowledge in a particular area of science. Example: Annual Review of Nutrition

Letters Journals: These journals publish short articles, often with a focus on new and exciting research findings. Examples: Nano Letters

#### **Peer-Reviewed Journals**

Peer-reviewed journals are journals that share the articles or information, reviewed and evaluated by a team of experts and the editorial board of the subject before they are accepted for publication. These experts assess the quality, validity, and significance of the research presented in the articles. The objective of peer reviewing is to match the standards set in each domain.

Example: Nature, The Lancet, Vaccines



**Types of Scientific Journals:** 

**Open-Access Journals** 



## **Subscription-Based Journals**

#### **Open Access Journals (OA)**

The readers can utilize the information or data from the research without any financial, legal, or technical obligations.

- 1. Gold Open Access
- 2. Green Open Access
- 3. Bronze Open Access
- 4. Black Open Access...



Green Open Access



Gold Open Access





Bronze Open Access



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- Freely available article
- No open license
- Not shareable or reusable

#### Types of Open Access

#### USE DESCRIPTIVE LANGUAGE

- Pay article processing charge to publish the article as OA
- Article is made free to read
- Other articles in that journal require a paid subscription to access



INSTEAD OF HYBRID OA

#### **Subscription-Based Journals**

Subscriptions-based journal models are the non-open access journals that are available to the subscribers. As the content shared is high-quality, the reader has to pay subscription charges to access the journal's content.

**Example : Journal of the American Medical Association (JAMA)** 

#### **Hybrid Journals**

These journals offer a mix of open-access and subscription-based content, often with the option for authors to pay for open-access publication.

The author or institution has to pay an Article Publication Charge (APC) for the article to be open access. Example: Wiley, Springer Nature

#### **Two cases where money charged for publication**

--Open access publication

--Fake or Predatory publication

## **Predatory Journals**

Predatory journals are also called fraudulent, or pseudo-journals. They manipulate the open-

access publishing model by publishing articles without any peer-review and authentication of

the information.

## Some criteria to identify predatory journals

□ Lack of transparency

- □ High article processing charges (APCs)
- Lack of indexing
- Poor website design
- Lack of contact information
- □ Fake or misleading information
- □ Lack of peer-review process
- □ High acceptance rate

## **Tools to Identify Predatory Journals:**

Beall's List: A list of predatory journals and publishers, maintained by Jeffrey Beall.
Cabell's List: A list of predatory journals and publishers, maintained by Cabell International.
DOAJ: The Directory of Open Access Journals, which provides a list of reputable open-access journals.

•Journal Citation Reports: A tool provided by Clarivate Analytics that allows you to evaluate the impact factor of a journal.

•Scopus: A database provided by Elsevier that allows you to evaluate the indexing and citation metrics of a journal.

## **Hijacked journals**

Hijacked journals are legitimate academic journals that have been taken over by predatory publishers, who then use the journal's reputation to publish low-quality or fake research.

Here are some key characteristics of hijacked journals:

- Change in publisher
- □ Change in editorial board
- □ Change in publication frequency
- □ Change in article processing charges (APCs):
- Poor editorial standards
- □ Lack of transparency
- □ Fake or misleading information
- □ High acceptance rate
- Lack of retraction policy
- Poor website design

#### **BEALL'S LIST**

#### OF POTENTIAL PREDATORY JOURNALS AND PUBLISHERS

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- Lack of retraction policy
- Poor website



#### https://journals.msrt.ir/

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فهرست شماره های تازه انتشار نشریات را ببینید!

به صفحه مجلات علمی، تخصصی و عمومی مراجعه کنید و گزینه "شماره های تازه انتشار" را در بالای صفحه انتخاب کنید تا شماره های منتشر شده طی

سه ماه گذشته را ببینید. با تغییر فیلترها یا کلیک روی موضوعات مورد نظر این فهرست روزآمد می شود!





https://rsf.research.ac.ir/

**Resource Finder** وزارت بهداشت درمان و آموزش پزشکی معاونت تحقیقات و فناوری مرکز توسعه و هماهنگی اطلاعات و انتشارات علمی

#### https://rsf.research.ac.ir/



#### **Journal Evaluation Tools:**

Journal Citation Reports<sup>™</sup> (JCR)

Check

major databases

Master Journal List https://mjl.clarivate.com/home

**Web of Science:** This is a database provided by Clarivate Analytics that allows you to evaluate the indexing and citation metrics of a journal.

**Scopus:** This is a database provided by Elsevier that allows you to evaluate the indexing and citation metrics of a journal.

**PubMed:** This is a database provided by the National Library of Medicine that allows you to evaluate the indexing and citation metrics of a journal.

#### https://jcr.isc.ac/te.aspx



# **JCR**

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JCR Year ------2023

# Journal of Research in Medical Sciences

#### **Open Access since 2015**

ISSN

#### 1735-1995

EISSN

1735-7136

JCR ABBREVIATION

**J RES MED SCI** 

ISO ABBREVIATION

J. Res. Med. Sci.

#### Journal information

EDITION

Science Citation Index Expanded (SCIE)

CATEGORY

#### MEDICINE, GENERAL & INTERNAL

LANGUAGES REGION 1ST ELECTRONIC JCR YEAR
English IRAN 2010

Publisher information

PUBLISHER	ADDRESS	PUBLICATION FREQUENCY
WOLTERS KLUWER MEDKNOW PUBLICATIONS	WOLTERS KLUWER INDIA PVT LTD, A- 202, 2ND FLR, QUBE, C T S NO 1498A-2 VILLAGE MAROL, ANDHERI EAST, MUMBAI,	12 issues/year







Source details

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Advanced Drug Delivery Reviews Years currently covered by Scopus: from 1987 to 2	CiteScore 2023 28.1	0				
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Category Rank Percentile						
Pharmacology, Toxicology and Pharmaceutics #1/183 99th Pharmaceutical Science						



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## ← Journal information

#### ADVANCED DRUG DELIVERY REVIEWS

Publisher name: ELSEVIER



Source: Journal Citation Reports 2023. Learn more



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ISRAEL	5	ITALY
NETHERLANDS	4	SWEDEN

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RESULTS BY YEAR	<ul> <li>Microneedles for advanced ocular drug delivery.</li> <li>Glover K, Mishra D, Gade S, Vora LK, Wu Y, Paredes AJ, Donnelly RF, Singh TRR.</li> <li>Cite Adv Drug Deliv Rev. 2023 Oct;201:115082. doi: 10.1016/j.addr.2023.115082. Epub 2023 Sep 9.</li> <li>PMID: 37678648 Free article. Review.</li> </ul>	
1995   2024     PUBLICATION DATE   1 year	<ul> <li>Liposome composition in drug delivery design, synthesis, characterization, and</li> <li>clinical application.</li> <li>Cite</li> <li>Large DE, Abdelmessih RG, Fink EA, Auguste DT.</li> <li>Adv Drug Deliv Rev. 2021 Sep;176:113851. doi: 10.1016/j.addr.2021.113851. Epub 2021 Jul 2.</li> <li>Share</li> <li>PMID: 34224787 Review.</li> </ul>	

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	,	Format:	Online	Website:	http://ijms.sums.ac.ir/index.php/ijms					
		Description:								

# **Poor index**

American Journal of Pharmacology

https://www.remedypublications.com/american-journal-of-pharmacology-home.php

## **Our Journal Indexed in**

American Journal of Pharmacology is indexed in various reputed databases.







The aim of the Journal is to provide a forum for the critical analysis of advanced **drug** and **gene delivery** systems and their applications in **human** and **veterinary medicine**. The Journal has a broad scope, covering the key issues for effective drug and gene delivery, from administration to ...

#### View full aims & scope

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## To find a valid journal, you can follow these steps:

Before writing the article, find the journal

- Check the journal's website: Look for the journal's website and check if it provides clear information about the journal's scope, audience, <u>author guidelines</u>, <u>editorial</u> <u>board</u>, and <u>publication process</u>, ....
- Check the journal's indexing: Look for the journal's indexing in major databases, such as Web of Science, Scopus, or PubMed.
- 3. Check the journal's peer-review process: Look for the journal's peer-review process, which is a measure of the journal's quality.

## To find a valid journal, you can follow these steps:

4. Check the journal's publication ethics COPE (The Committee on Publication Ethics)

5. The journal's quality indicators

- Journal impact factor (JIF)
- o <u>CiteScore</u>
- Scimago journal rank (SJR)
- Source Normalised Impact per Paper (SNIP)

6.Check Geographical distribution (country, region)

7.Time to review and acceptance rate of the journal

8.Check published works similar to your article

## To find a valid journal, you can follow these steps:

9.Check the aim and scope of Journal

**10.Check the frequency of publication** 

- **11.Check the interest of journal**
- **12, Check the cost of the publication**
- **13.Check the editorial board**
- **14. Check Author guidance**

16.Check Publisher17. Check the template and format (word, Latex ...

15.Check ISSN, eISSN

## **Journal finder:**

http://journalfinder.elsevier.com/

https://link.springer.com/journals

https://journalfinder.wiley.com/

https://www.emeraldgrouppublishing.com/publish-withus/publish-in-a-journal/find-a-journal

https://www.mdpi.com/about/journalfinder

https://authorservices.taylorandfrancis.com/publishing-yourresearch/choosing-a-journal/journal-suggester/

EndNote Match: Find the Best Fit Journals for Your Manuscript



## **Journal finder AI:**

https://researcher.life/journal

https://libguides.iyte.edu.tr/choosingrightjournals

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**25** mdpi.com/journal/vaccines/topical\_advisory\_panel

Journais / vaccines / Topical Advisory Panel



Review for Vaccines

## **Journal Menu**

- Vaccines Home
- Aims & Scope
- Editorial Board
- Reviewer Board

#### Topical Advisory Panel

- Instructions for Authors
- Special Issues
- Topics
- Sections & Collections
- Article Processing Charge
- Indexing & Archiving
- Editor's Choice Articles
- Most Cited & Viewed
- Journal Statistics
- Journal History
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## **Topical Advisory Panel**

- Cancer Vaccines and Immunotherapy Section
- Vaccines against Tropical and other Infectious Diseases
   Section
- Vaccine Adjuvants Section
- Cellular/Molecular Immunology Section
- DNA and mRNA Vaccines Section

## Members

Search by first name, last name, affiliation, interest...

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Indexed in: VCITESCORE

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#### Dr. Danielle Adney Website

Lovelace Biomedical Research Institute, Albuquerque, NM 87108, USA Interests: pathogenesis; animal modeling; zoonotic spillover; transmission Special Issues, Collections and Topics in MDPI journals

#### Dr. Prashant Kumar Website

Vaccine Analytics and Formulation Center, Department of Pharmaceutical Chemistry, University of Kansas, Lawrence, KS 66047, USA

Interests: vaccine; human vaccines; vaccine development; formulation development; attenuated vaccine; viral vaccines; bacterial vaccines; subunit vaccines; pediatric vaccines; COVID vaccines; measles and rubella vaccines; rotavirus vaccine; HPV vaccine; *Shigella* vaccine; *Salmonella* vaccine; combination vaccines; polio vaccine; stability study; potency assay; analytical assays; preclinical study; immunogenicity study; biophysical characterization; adjuvants; scale-up; technology transfer
Special Issues, Collections and Topics in MDPI journals

## How to find invalid journals?

http://blacklist.research.ac.ir/

https://beallslist.net/



# **Bibliometrics**

Bibliometrics is a research methodology that uses quantitative analysis and statistics to study the characteristics of publications and citations in a particular field or discipline.

□ Analyze trends in an individual or field of study's research

- Provide evidence for the impact of an individual or field of study's research
- Identify suitable sources in which to publish
- Find new and emerging areas of research
- □ Identify potential research collaborators

There are several types of bibliometrics, including:

- **Citation analysis**
- Co-citation analysis
- **Co-authorship analysis**
- Network analysis
- Co-word analysis (Co-occurrence analysis)
- □ Clustering
- **Combinations of 2 or more of the above methodologies**



# bibliometric software:

VOSViewer, CiteSpace, UciNet(NetDraw), and HistCite...

□VOSviewer has been developed in the Java programming language.

□VOSviewer can be downloaded from www.vosviewer.com. It can be used freely for any purpose.

□VOSviewer is a software tool for constructing and visualizing bibliometric networks.

These networks include journals, researchers, or individual publications.

VOSviewer 1.6.19



## Welcome to VOSviewer

VOSviewer is a software tool for constructing and visualizing bibliometric networks. These networks may for instance include journals, researchers, or individual publications, and they can be constructed based on citation, bibliographic coupling, co-citation, or co-authorship relations. VOSviewer also offers text mining functionality that can be used to construct and visualize co-occurrence networks of important terms extracted from a body of scientific literature.



# **Good luck**

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