# Torbat Jam Faculty Of Medical Sciences

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# Time of part

# 01:30

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01 **Boolean operators**
AND/NOT/OR

02 **PICO**
7 STEPS TO THE PERFECT PICO SEARCH

03 **SID**
Iranian database

04 **PubMed**
Pubmed

05 **MeSH**
In pubmed

06 **scopus**
scopus

07 **Google scholar**
google

08 **ScienceDirect**
Web of science

09 **Researchgate**
Or academia

# Boolean operators

AND/NOT/OR

# Time of part

# 00:10

# Boolean operators

Boolean Operators are simple words (AND, OR, NOT or AND NOT) used as conjunctions to combine or exclude keywords in a search, resulting in more focused and productive results. This should save time and effort by eliminating inappropriate hits that must be scanned before discarding.

Scroll to take a tour

# And

**And** combines search terms so that each search result contains all of the terms.

Use **AND** to narrow your search: all of your search terms will present in the retrieved records.

OR

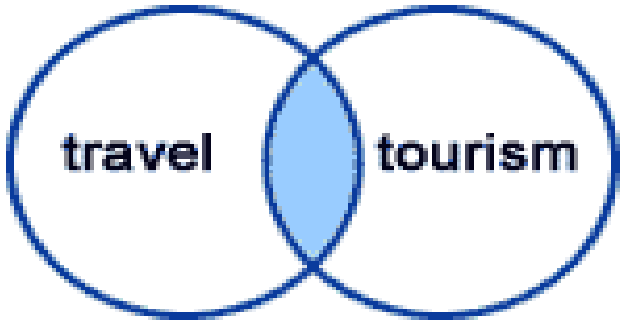
OR—either term (or both) will be in the returned document.

**The Boolean operator OR allows you to broaden a concept and include synonyms.**

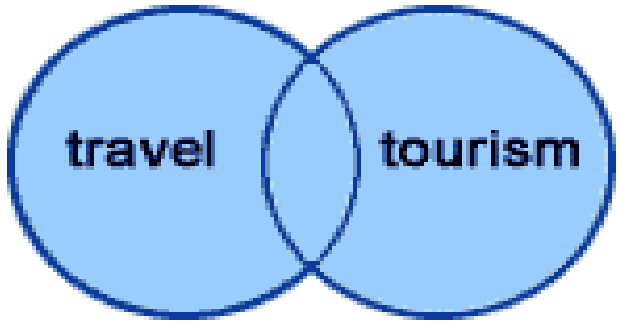
# Not

**Not** excludes terms so that each search result does not contain any of the terms that follow it.

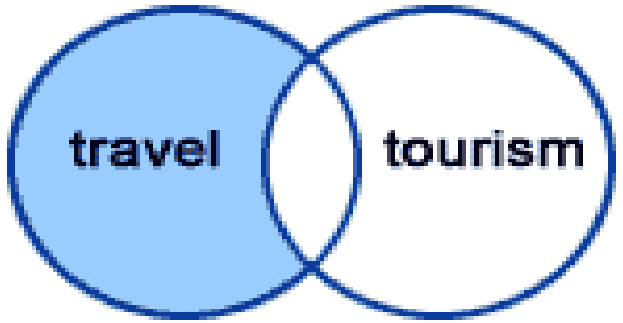
Use **NOT** to exclude term(s) from your search results.



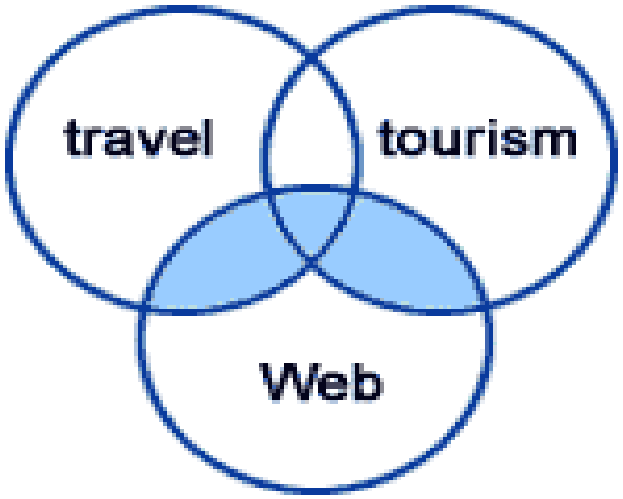

*travel* **AND** *tourism*



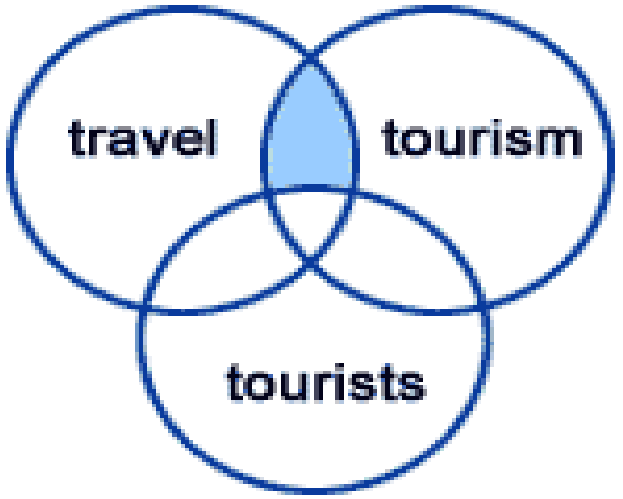

*travel* **OR** *tourism*




*travel* **NOT** *tourism*




*(travel* **OR** *tourism)* **AND** *Web*




*(travel* **AND** *tourism)* **NOT** *tourists*

# Phrase searching

Phrase searching narrows your search results by allowing you to define precisely how you want the words to appear.

“nursing care” AND “hospital managers”

pubmed.ncbi.nlm.nih.gov/?term="nursing+care"

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"nursing care"

Search

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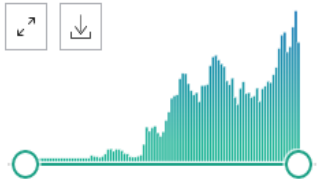
55,259 results

RESULTS BY YEAR




TEXT AVAILABILITY

- [ ] Abstract
- [ ] Free full text
- [ ] Full text

ARTICLE ATTRIBUTE

- [ ] Associated data

ARTICLE TYPE

- [ ] Books and Documents
- [ ] Clinical Trial
- [ ] Meta-Analysis
- [ ] Randomized Controlled Trial

Limiters

1 How fundamental aspects of **nursing care** are defined in the literature: A scoping review.

Cite Share

Feo R, Kitson A, Conroy T.

J Clin Nurs. 2018 Jun;27(11-12):2189-2229. doi: 10.1111/jocn.14313.

PMID: 29514402 Review.

AIMS AND OBJECTIVES: To investigate how fundamental aspects of **nursing care** have been defined in the literature from 2010-2016. BACKGROUND: A 2010 narrative review of **nursing** texts identified little consensus on what constitutes the fundamental aspects of ...

2 [Rehabilitation and **nursing-care** robots].

Cite Share

Hachisuka K.

Nihon Rinsho. 2016 Apr;74(4):697-701.

PMID: 27333762 Review. Japanese.

The **nursing-care** robot consists of an independent support robot, caregiver support robot, and life support robot. Although many **nursing-care** robots have been developed, the most appropriate robot must be selected according to its features and the needs ...

3 Correlates and predictors of missed **nursing care** in hospitals.

Cite Share

Bragadóttir H, Kalisch BJ, Tryggvadóttir GB.

J Clin Nurs. 2017 Jun;26(11-12):1524-1534. doi: 10.1111/jocn.13449. Epub 2017 Mar 20.

PMID: 27325454 Free article.

AIMS AND OBJECTIVES: To identify the contribution of hospital, unit, staff characteristics, staffing adequacy and teamwork to missed **nursing care** in Iceland hospitals. BACKGROUND: A recently identified quality indicator for **nursing care** and patient saf ...

# Truncation

Use **truncation** to identify all possible endings of the key terms that you use, e.g. *hospital manag** will identify *hospital managers* or *hospital management.* Note that truncation symbols vary depending on the database. The most commonly used is * (e.g. PubMed, EBSCO databases).

# PICO

Evidence based medicine

# Time of part

00:20

# Anatomy of a Good Research Question

PICO is a focused clinical question that consists of 3 or 4 of these concepts. Writing a PICO question facilitates the search process and identification of best evidence.

- **P** **(Patient problem/characteristics)**
- **I** **(Intervention)**
- **C** **(Comparison Intervention, where applicable)**
- **O** **(Outcome)**

Examples

# PICO Formula

PICO

The acronym used to help formulate a well-defined searchable question.

**P**
- Patient, population or problem: What are the most important characteristics of the patient and their health status?

**I**
- Intervention/Exposure: What main intervention are you considering (medical, surgical, preventative)?

**C**
- Comparison: What are the alternative benchmark or gold standards being considered, if any?

**O**
- Outcome: What is the estimated likelihood of a clinical outcome attributable to a specific disease, condition or injury?

# 7 Steps to the Perfect PICO Search

**Formulate the PICO Question**

**Identify Keywords for each PICO Element**

**Plan the Search Strategy**

**Execute the Search**

# 7 Steps to the Perfect PICO Search

5

## Refine the Results

6

## Review the Literature

7

## Assess the Evidence

# STEP 1: FORMULATE THE PICO QUESTION

You are a Registered Nurse working on a Urology unit. One of your patients is a 55-year-old man who is recovering from abdominal surgery – specifically a laparoscopic prostatectomy. The patient complains of abdominal pain and nausea. His abdomen is distended, and he has no bowel sounds. The physician suspects a paralytic ileus and confirms the diagnosis based on the combination of clinical features and imaging.

At the next Evidence-Based Nursing Practice Committee meeting, you discuss this case. The committee decides to do a case study to determine if there is evidence to suggest that a simple intervention such as chewing gum post-operatively can prevent a post-operative ileus following abdominal surgery.

Based on this scenario, our research question is: "In patients undergoing ***abdominal surgery***, is there evidence to suggest that ***chewing gum*** post-operatively compared with not chewing gum post-operatively affects ***post-operative ileus***?"

# STEP 2: IDENTIFY KEYWORDS FOR EACH PICO ELEMENT

**Population (P)** – What individual or group are we interested in studying?
**Intervention (I)** – What is the action (intervention, treatment) we are considering taking?
**Comparison (C)** – To what other action (intervention, treatment) are we comparing the considered action?
**Outcome (O)** – What do we anticipate as an outcome?

"In patients undergoing *abdominal surgery,* is there evidence to suggest that *chewing gum* post-operatively compared with not chewing gum post-operatively affects *post-operative ileus*?"

# STEP 2: IDENTIFY KEYWORDS FOR EACH PICO ELEMENT

| PICO ELEMENTS | KEYWORDS |
| --- | --- |
| **P** (**P**atient or **P**opulation) | **Patients** undergoing **abdominal surgery** |
| **I** (**I**ntervention) | **Chewing gum** |
| **C** (**C**omparison) | Not chewing gum |
| **O** (**O**utcome) | Affects **post-operative ileus** |

# STEP 3: PLAN YOUR SEARCH STRATEGY

Plan a search strategy by:

1. Determining which database(s) to search
2. Identifying the major elements of your question
3. Translating natural language terms to subject descriptors, or synonyms

| PICO ELEMENTS | KEYWORDS | SEARCH TERMS | SEARCH STRATEGIES |
|---|---|---|---|
| **P** (**P**atient or **P**opulation) | Patients undergoing abdominal surgery | Abdominal Surgery | Abdominal surgery<br>OR<br>Surgery<br>OR<br>Postoperative<br>OR<br>Recovery |
| **I** (**I**ntervention) | Chewing gum | Chewing gum | Chewing Gum<br>OR<br>Gum |
| **C** (**C**omparison) | Not chewing gum | | |
| **O** (**O**utcome) | Affects post-operative ileus | Postopeative Ileus | Postoperative Ileus<br>OR<br>Paralytic Ileus<br>OR<br>Ileus |

# STEP 4: EXECUTE THE SEARCH

In databases:

Medline

Scopus

Science Direct

EBSCO

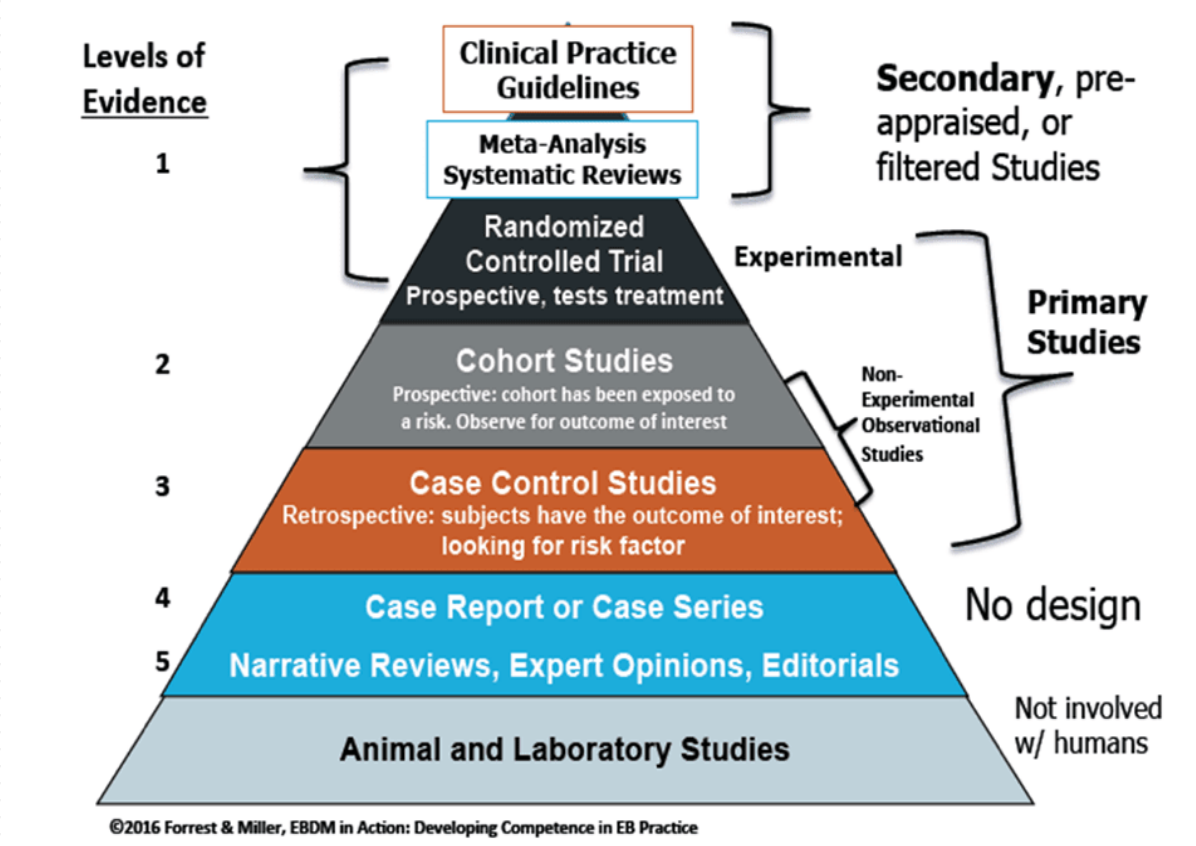
Google scholar

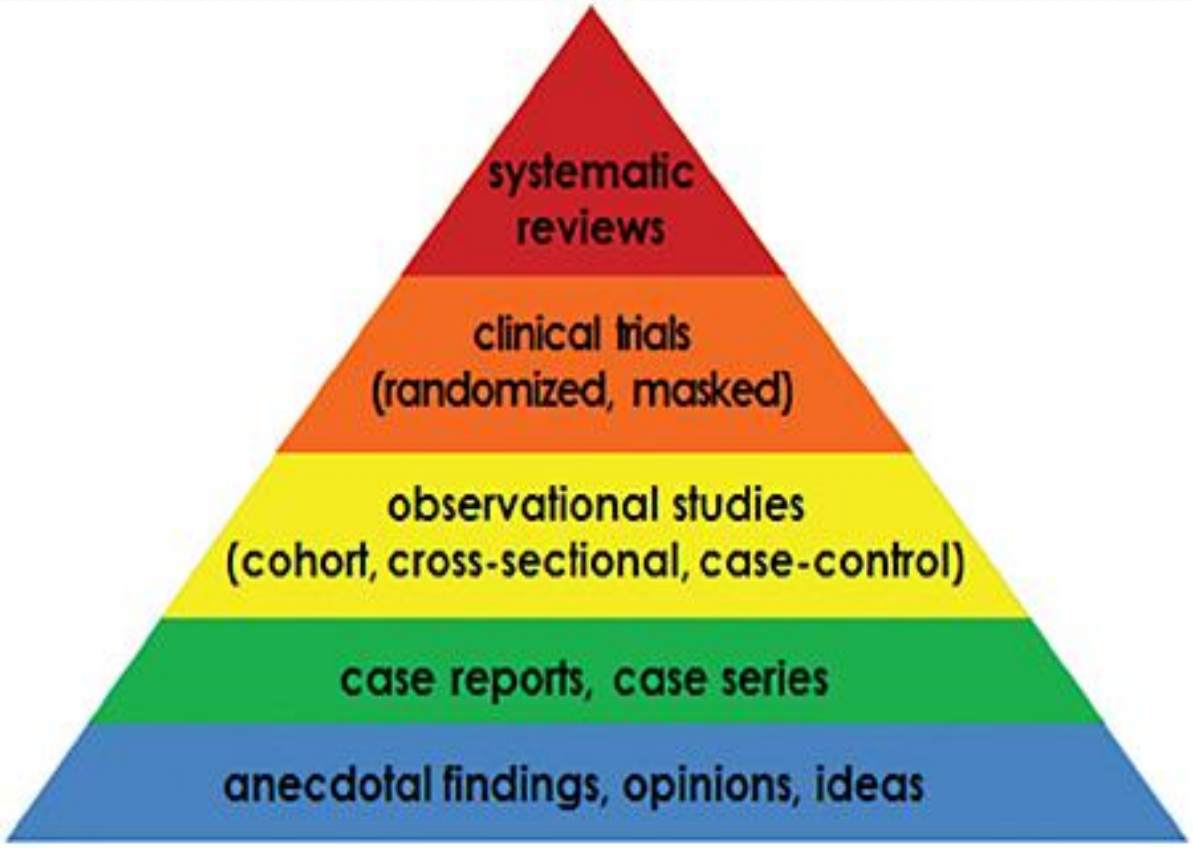
# STEP 5: REFINE YOUR RESULTS

You can now refine you results by adding limiters. Applying limiters to your search will allow you to focus your results to the most pertinent and relevant content ensuring that you aren't wasting time wading through content that may not be useful.

For example, you may wish to limit your results by Date and Type

# STEP 6: REVIEW THE LITERATURE
# STEP 7: DETERMINE THE LEVEL OF EVIDENCE



# SID

scientific information database

# Time of part

# 00:15

## جستجوی پیشرفته مقالات

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| عنوان: | | یا | | یا | | یا | |
| کلید واژه: | | یا | | یا | | یا | |
| چکیده: | | یا | | یا | | یا | |
| نشریه: | | یا | | یا | | یا | |
| گروه: | ---------- | یا | ---------- | یا | ---------- | یا | |
| نویسنده: | | یا | | یا | | یا | |
| سال: | از ----- تا ----- | | | | متن کامل: | همه | |

جستجو | پاک کن



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# جستجوی پیشرفته مطالب مجلات

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جستجو در: عنوان | چکیده | کلیدواژه | نویسنده

شامل همه این کلمات یا عبارات باشد

شامل یکی از این کلمات یا عبارات باشد

شامل عین این عبارت باشد

هیچ یک از این کلمات یا عبارات در آن نباشد

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- پیشنهاد می‌کنیم راهنمای جستجوی پیشرفته را مطالعه کنید!
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اگرکلمات را با نقطه «.» به هم بچسبانید باهم جستجو می‌شوند.

**نمونه:** صرفه.جویی غربال.گری یارانه.انرژی خصوصی.سازی درون.شهری بهره.وری.نیروی.کار

بدین ترتیب جستجو بر اساس عبارت مورد نظر شما «یارانه انرژی» انجام می‌شود و تک تک کلمات به تنهایی جستجو نمی‌گردند.

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- نام نویسندگان را می‌توانید همزمان با سایر کلمات جستجو کنید یا فقط گزینه «نویسنده» را علامت بزنید.

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بانک اطلاعات نشریات علوم پزشکی کشور
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نمایش **۴۵۴** نشریه



| ردیف | عنوان | صاحب امتیاز | ناشر | ISSN | نمایه | آخرین شماره | مشاهده |
|---|---|---|---|---|---|---|---|
| ۱ | آموزش بهداشت و ارتقاء سلامت ایران | انجمن علمی آموزش بهداشت و ارتقای سلامت ایران | موسسه دانش گستر فرنام | 2345-346X<br>2345-3265 | Scopus | ۱۳۹۹/۱۰ | |
| ۲ | آموزش پرستاری | انجمن علمی پرستاری ایران | انجمن علمی پرستاری ایران | 2322-3812<br>2322-4428 | Others | ۱۴۰۰/۱۰ | |
| ۳ | آموزش در علوم پزشکی | دانشگاه علوم پزشکی اصفهان | دانشگاه علوم پزشکی اصفهان | 1608-9359<br>1735-8892 | Others | ۱۳۹۹/۱۰ | |
| ۴ | آنستزیولوژی و مراقبت‌های ویژه ایران | انجمن آنستزیولوژی و مراقبتهای ویژه ایران | انجمن آنستزیولوژی و مراقبتهای ویژه ایران | 1027-2704 | Others | ۱۳۹۹/۱۰ | |
| ۵ | ابن سینا | اداره‌ی بهداشت، امداد و درمان نیروی هوایی ارتش | دانشگاه علوم پزشکی ارتش | 1735-9503 | Others | ۱۳۹۹/۱۰ | |
| ۶ | اخلاق پزشکی | دانشگاه علوم پزشکی شهید بهشتی | دانشگاه علوم پزشکی شهید بهشتی | 2008-4374<br>2423-7604 | Others | ۱۳۹۹/۱ | |
| ۷ | اخلاق زیستی | محمود عباسی | انجمن اخلاق زیستی | 2345-2803<br>2538-5720 | Others | ۱۳۹۹/۱۰ | |
| ۸ | اخلاق و تاریخ پزشکی | دانشگاه علوم پزشکی تهران | دانشگاه علوم پزشکی تهران | 2008-3041<br>2228-7426 | Others | ۱۳۹۹/۱۰ | |
| ۹ | ارتقای ایمنی و پیشگیری از مصدومیت‌ها | دانشگاه علوم پزشکی شهید بهشتی | دانشگاه علوم پزشکی شهید بهشتی | 2345-2455<br>2383-1901 | Others | ۱۳۹۹/۸ | |

# پایگاه استنادی جهان اسلام
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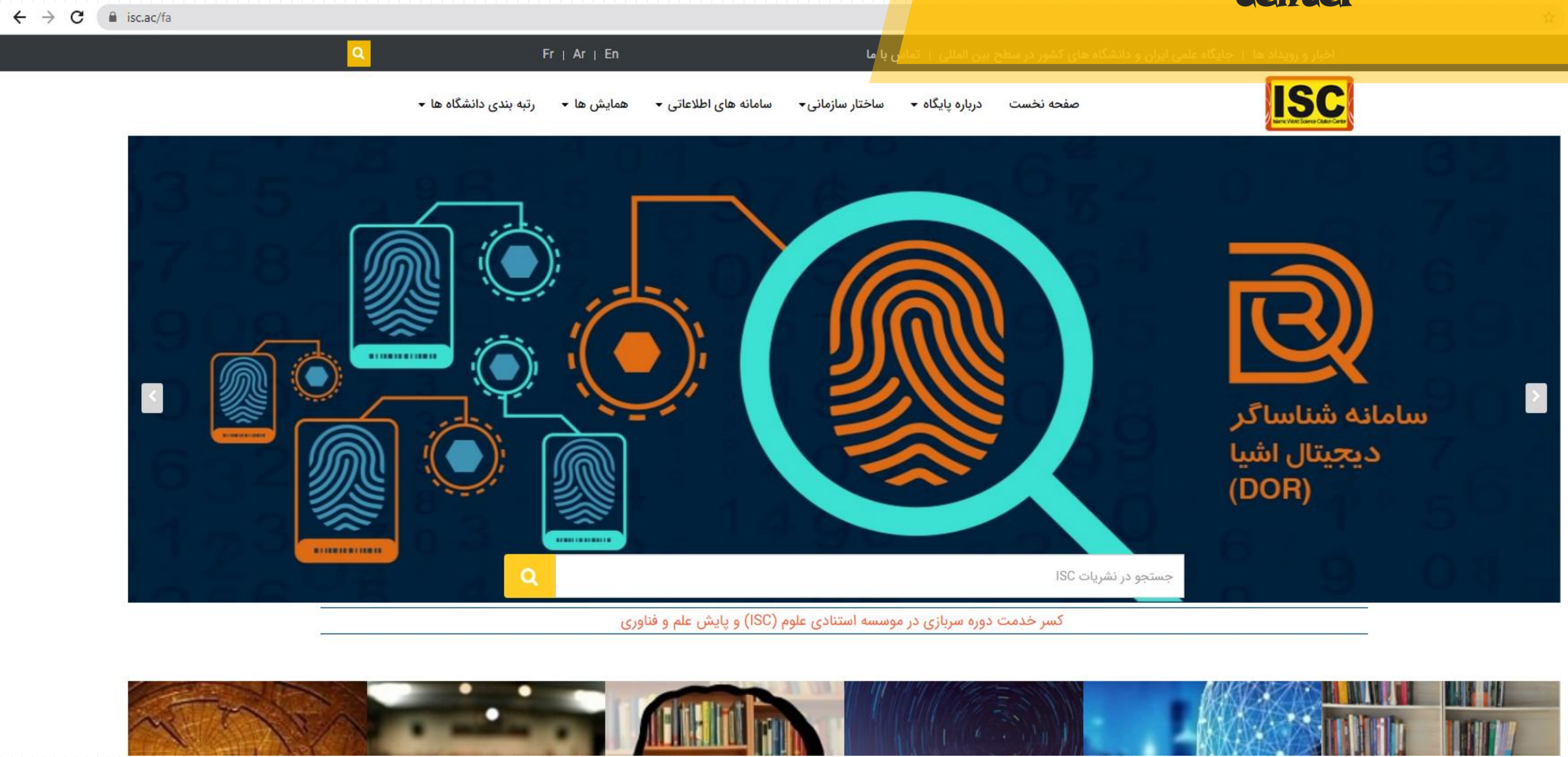

# Pubmed

Medline and PMC

# Time of part

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Pubmed توسط مرکز ملی اطلاعات بیوتکنولوژی NCBI در کتابخانه ملی پزشکی ایالت متحده NLM واقع در موسسه ملی بهداشت NIH توسعه و نگهداری می شود.
اصلی ترین پایگاه Pubmedمدلاین medline که مهمترین و معروفترین پایگاه داده اطلاعات کتابشناختی مقالات پزشکی، دندان پزشکی، پرستاری و علوم پایه است و به همین دلیل در برخی موارد دو واژه پاب مد و مدلاین به جای یکدیگر بکار می روند، علاوه بر مدلاین پایگاه های دیگری هم از طریق این موتور جستجو قابل دسترس هستند.

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ncbi.nlm.nih.gov/pubmed/

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- Clinical Queries
- Topic-Specific Queries

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- Journals in NCBI Databases
- Clinical Trials
- E-Utilities (API)
- LinkOut

## Latest Literature

New articles from highly accessed journals

- Am J Clin Nutr (1)
- Cell (2)
- Circulation (10)
- Cochrane Database Syst Rev (3)
- J Clin Endocrinol Metab (7)
- J Clin Oncol (1)
- JAMA (4)

## Trending Articles

PubMed records with recent increases in activity

- Integrated Proteogenomic Characterization of HBV-Related Hepatocellular Carcinoma.
  Cell. 2019.
- Isolation and Structure of an Antibody that Fully Neutralizes Isolate SIVmac239 Reveals Functional Similarity of SIV and HIV Glycan Shields.
  Immunity. 2019.
- Pathways for Oxygen Regulation and Homeostasis: The 2016 Albert Lasker Basic Medical Research Award.
  JAMA. 2016.

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pubmed.ncbi.nlm.nih.gov

**COVID-19 Information**

Public health information (CDC) | Research information (NIH) | SARS-CoV-2 data (NCBI) | Prevention and treatment information (HHS) | Español

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**COVID-19 Information**

Public health information (CDC) | Research information (NIH) | SARS-CoV-2 data (NCBI) | Prevention and treatment information (HHS) | Español

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myocardial infarction[MeSH Terms]

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- Associated data

ARTICLE TYPE

- Books and Documents
- Clinical Trial

182,703 results

1 Cite Share

Myocardial Infarction: Symptoms and Treatments.

Lu L, Liu M, Sun R, Zheng Y, Zhang P.

Cell Biochem Biophys. 2015 Jul;72(3):865-7. doi: 10.1007/s12013-015-0553-4.

PMID: 25638347 Review.

2 Cite Share

The acute myocardial infarction.

Pollard TJ.

Prim Care. 2000 Sep;27(3):631-49;vi. doi: 10.1016/s0095-4543(05)70167-6.

PMID: 10918673 Review.

3 Cite Share

[Myocardial infarction with non-obstructive coronary arteries (MINOCA): diagnosis, pathogenesis, therapy and prognosis].

Buono A, Pedrotti P, Soriano F, Veas N, Oliva F, Oreglia J, Ammirati E.

G Ital Cardiol (Rome). 2019 Sep;20(9):499-511. doi: 10.1714/3207.31839.

PMID: 31530951 Review. Italian.

4 Cite

Acute myocardial infarction in the diabetic patient: pathophysiology, clinical course and prognosis.

Jacoby RM, Nesto RW.

J Am Coll Cardiol. 1992 Sep;20(3):736-44. doi: 10.1016/0735-1097(92)90033-j.

scopus
soqpus

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### Year

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| 3 | Exposure to perfluorooctane sulfonate reduced cell viability and insulin | Qin, W., Ren, X., Zhao, J. | 2022 | Journal of Environmental | 0 |

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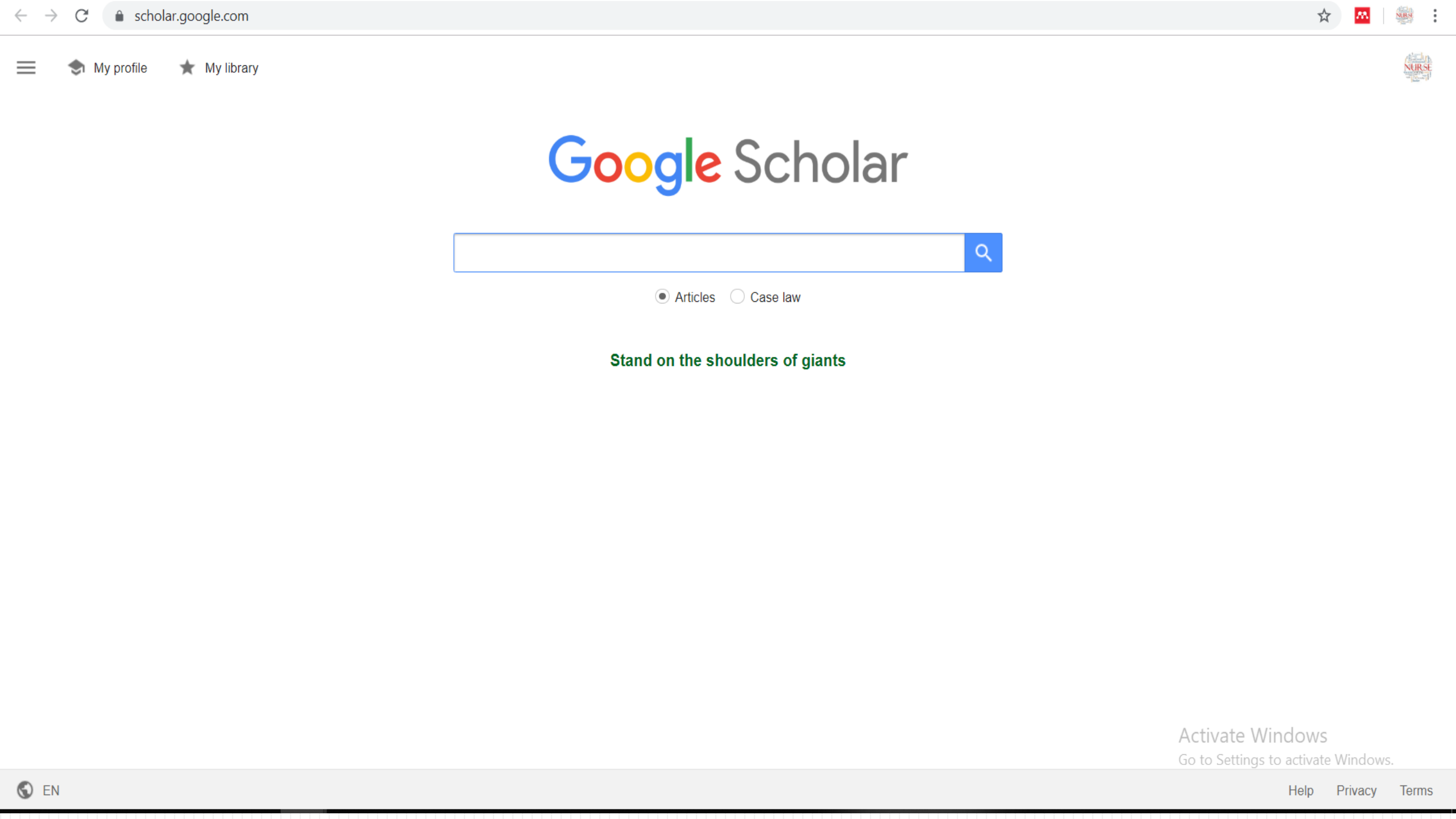
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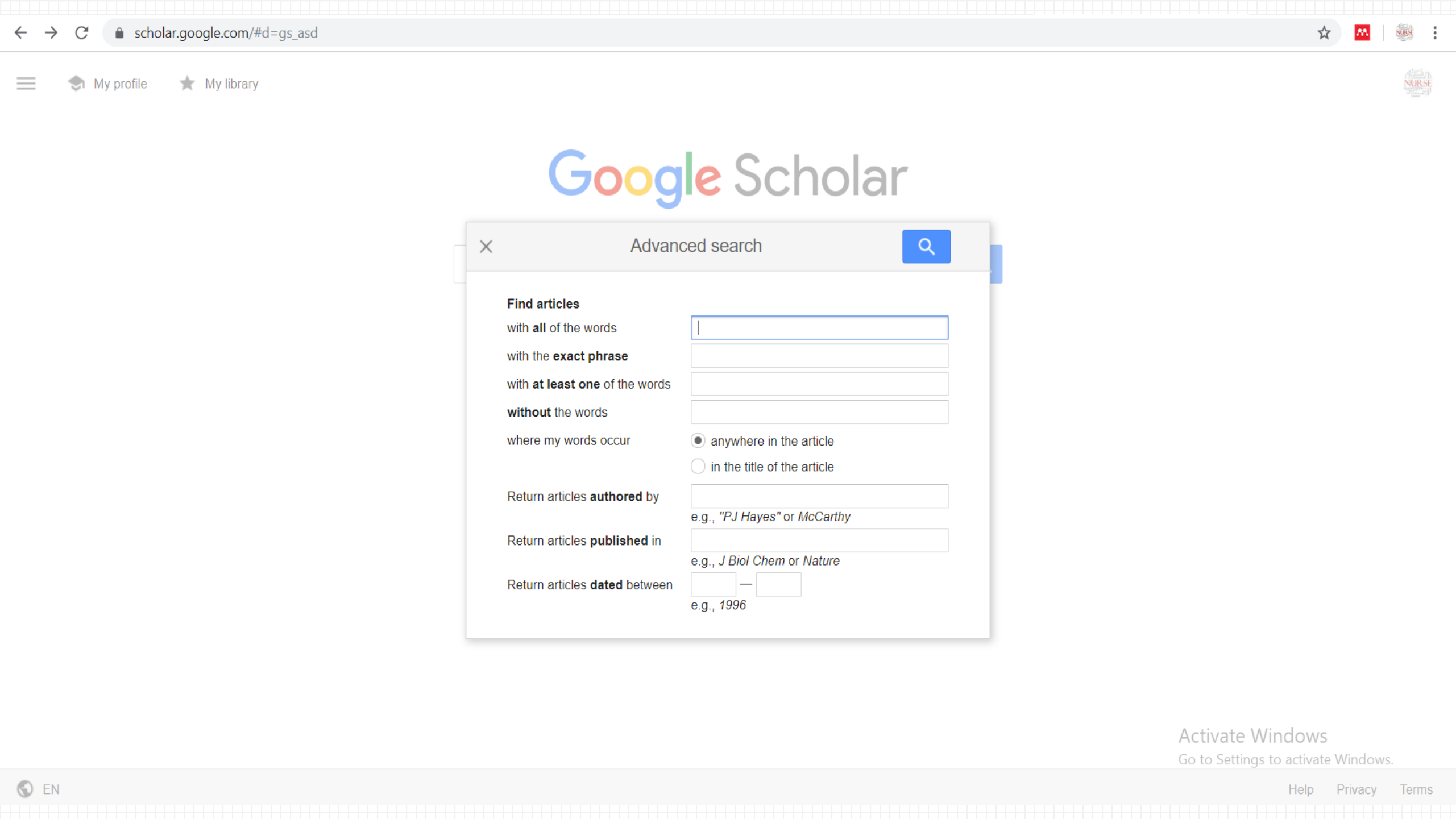
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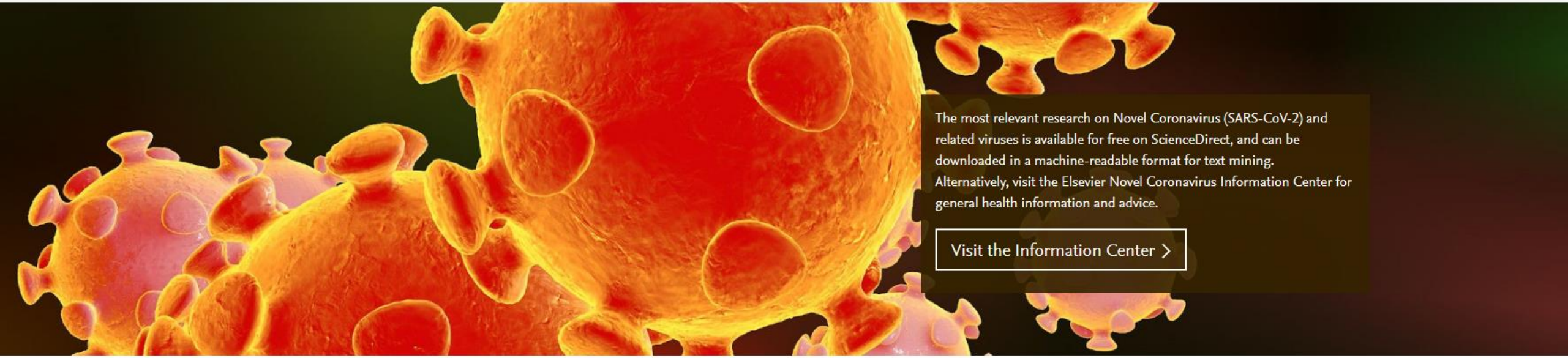


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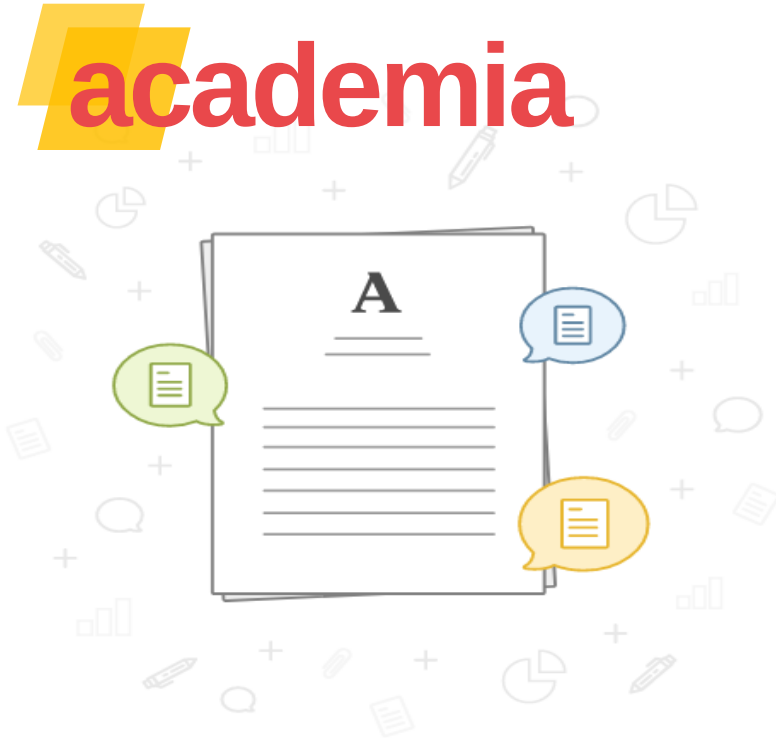

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