

TÌM KIẾM TÀI LIỆU THAM KHẢO TRONG NGHIÊN CỨU

DS. Lâm Thừa Phong

BM Hoá Dược

Ngày 26/02/2023



MỤC TIÊU

KHÁI NIỆM

- Biết được một số thuật ngữ trong nghiên cứu khoa học
- Phân loại các loại tài liệu và mức độ chứng cứ

THỰC HÀNH

- Thành lập được kế hoạch tìm kiếm tài liệu tham khảo một cách hệ thống
- Biết cách sàng lọc kết quả tìm kiếm một cách hệ thống (PRISMA flowchart)
- Biết cách tiếp cận tài liệu tham khảo qua một số nguồn

NỘI DUNG CHÍNH

01. Một số thuật ngữ

Đại cương tiếp cận NCKH

Phân loại TLTK

Mức chứng cứ

03. Tiếp cận TLTK

Sci-Hub.se Libgen.is

Researchgate.net Wosonhj.com

02. Tìm kiếm TLTK

PubMed Ovid

MeSH term Scopus

04. Sàng lọc thông tin từ TLTK



WHY?

Bổ sung sự hiểu biết

Học tập và thi cử

Tìm kiếm ý tưởng nghiên cứu

Những kết quả đã có trong y văn

Giảm thiểu thực hiện lại kết quả đã có

01. MỘT SỐ THUẬT NGỮ



01. MỘT SỐ THUẬT NGỮ

- Publisher
- Journal
- Open Access
- DOI
- ORCID
- ISBN/ISSN
- WOS - Scopus
- IF
- Mức độ chứng cứ và các loại TLTK

TÀI LIỆU HỌC THUẬT

Academic

Peer reviewed

- Original papers
- Review papers
- Letter to editorial board

Non-academic

- Magazines
- Newspapers



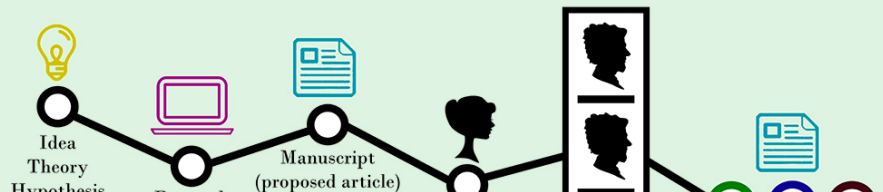
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The Peer Review Process



VNEXPRESS

Báo tiếng Việt nhiều người xem nhất

Video Thời sự Góc nhìn Thế giới Kinh doanh Giải trí Thể thao Pháp luật Giáo dục Sức khỏe Gia đình Du lịch

Trang nhất

English



Việt Nam 1-0 Nhật Bản (hiệp 2): Công Phượng vào sân 115

Thầy trò HLV Park Hang-seo khởi đầu thuận lợi trong trận đấu có ý nghĩa phân định vị trí...

Hàng nghìn học sinh ở Nghệ An chưa thể tựu trường vì lũ

Gia đình có con nhỏ nên chuẩn bị gì khi du lịch tự túc

Những kiểu túi lên ngôi mùa lạnh 2018

Cha mẹ cưới chồng cho con dâu

Thương nhân lo phá sản khi Venezuela tăng lương tối thiểu 60 lần

Nhà khoa học biến cá tấu

Góc nhìn

Người mù khởi nghiệp

"Khởi nghiệp" không phải là

Một số loại TLTK thường gặp

1. **Sách giáo khoa / Sách chuyên khảo**
2. **Paper/ Article/ Journal**
 - Original paper
 - Review/ Systematic review
3. **Patent**
4. **Thesis**
5. **Website (sách online, bài giảng, CSDL, paper, thesis...)**
 - Miền .edu
 - Tổ chức (toàn cầu (WHO), hiệp hội, chính phủ, nhóm/ viện nghiên cứu).
6. **Cơ sở dữ liệu**
7. **Phần mềm**

NHÀ XUẤT BẢN – PUBLISHER

- **Elsevier Science (Hà Lan)**
- **Springer/Nature Publishing (Đức – Anh)**
- Wiley-Blackwell (Mỹ)
- Sage (Mỹ)
- Taylor & Francis (Anh)
- Lippincott/Williams & Wilkins (Hà Lan và Mỹ)
- BioOne (Mỹ)
- Oxford University Press (Anh)



ELSEVIER

nature



Springer



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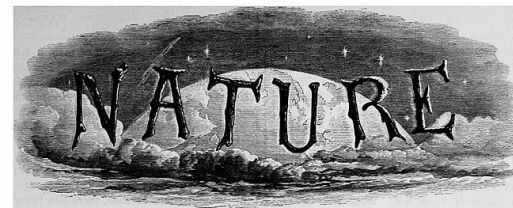
ACS Publications
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TẠP CHÍ – JOURNAL

- Mỗi tạp chí sẽ có aim và scope riêng
- Trục thuộc Publisher (nhà xuất bản)
- Đánh giá dựa vào Impact Factor và độ tin cậy trong từng ngành (sẽ được giải thích sau)
- Xuất bản thường kì (hàng tuần/tháng/năm)
- Volume (tập) và issue (kỳ) (tự xem)



A WEEKLY ILLUSTRATED JOURNAL OF SCIENCE

*"To the solid ground
Of Nature trusts the mind which builds for aye."—WORDSWORTH*

THURSDAY, NOVEMBER 4, 1869

NATURE: APHORISMS BY GOETHE

NATURE! We are surrounded and embraced by her: powerless to separate ourselves from her, and powerless to penetrate beyond her.

Without asking, or warning, she snatches us up into her circling dance, and whirls us on until we are tired, and drop from her arms.

She is ever shaping new forms: what is, has never yet been; what has been, comes not again. Everything is new, and yet nought but the old.

We live in her midst and know her not. She is incessantly speaking to us, but betrays not her secret. We constantly act upon her, and yet have no power over her.

The one thing she seems to aim at is Individuality; yet she cares nothing for individuals. She is always building up and destroying; but her workshop is inaccessible.

Her life is in her children; but where is the mother? She is the only artist; working-up the most uniform material into utter opposites; arriving, without a trace of effort, at perfection, at the most exact precision, though always veiled under a certain softness.

Each of her works has an essence of its own; each of her phenomena a special characterisation: and yet their diversity is in unity.

She performs a play; we know not whether she sees it herself, and yet she acts for us, the lookers-on.

Incessant life, development, and movement are in her, but she advances not. She changes for ever and ever, and rests not a moment. Quietude is inconceivable to her, and she has laid her curse upon rest. She is firm. Her steps are measured, her exceptions rare, her laws unchangeable.

She has always thought and always thinks; though not as a man, but as Nature. She broods over an

all-comprehending idea, which no searching can find out.

Mankind dwell in her and she in them. With all men she plays a game for love, and rejoices the more they win. With many, her moves are so hidden, that the game is over before they know it.

That which is most unnatural is still Nature; the stupidest philistinism has a touch of her genius. Whoso cannot see her everywhere, sees her nowhere rightly.

She loves herself, and her innumerable eyes and affections are fixed upon herself. She has divided herself that she may be her own delight. She causes an endless succession of new capacities for enjoyment to spring up, that her insatiable sympathy may be assuaged.

She rejoices in illusion. Whoso destroys it in himself and others, him she punishes with the sternest tyranny. Whoso follows her in faith, him she takes as a child to her bosom.

Her children are numberless. To none is she altogether miserly; but she has her favourites, on whom she squanders much, and for whom she makes great sacrifices. Over greatness she spreads her shield.

She tosses her creatures out of nothingness, and tells them not whence they came, nor whither they go. It is their business to run, she knows the road. Her mechanism has few springs—but they never wear out, are always active and manifold.

The spectacle of Nature is always new, for she is always renewing the spectators. Life is her most exquisite invention; and death is her expert contrivance to get plenty of life.

She wraps man in darkness, and makes him for ever long for light. She creates him dependent upon the earth, dull and heavy; and yet is always shaking him until he attempts to soar above it.

OPEN ACCESS?

- Xuất bản khoa học là một nền kinh doanh!
- Khi đã xuất bản, bản quyền thuộc về nhà xuất bản
- **Tác giả trả phí (thay vì người dùng)**

Access through **New York University** [Purchase PDF](#)

 **European Journal of Medicinal Chemistry**
Volume 250, 15 March 2023, 115182

Review article
S1PR1 modulators in multiple sclerosis: Efficacy, safety, comparison, and chemical structure insights

Omid Jamshidi Kandjani ^{a, b, 1}, Shadi Yaqoubi ^{c, 1}, Samad Shams Vahdati ^d, Behnam Borhannejad ^{e, f}, Siavoush Dastmalchi ^{g, h}, Ali Akbar Alizadeh ^a  

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DOI

- Digital Object Identifier
- Một **dãy số định danh** đường dẫn **độc nhất** và **vĩnh cửu**
- Thành lập bởi International DOI Foundation (IDF)
- Độc lập và không bị ảnh hưởng bởi việc thay đổi tên miền web sau này



Journal of Infection
Volume 80, Issue 5, May 2020, Pages 554-562



COVID-19 spike-host cell receptor GRP78 binding site prediction

Ibrahim M. Ibrahim ^a, Doaa H. Abdelmalek ^a, Mohammed E. Elshahat ^a, Abdo A. Elfiky ^{a, b}  


Show more 



<https://doi.org/10.1016/j.jinf.2020.02.026>

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- Open Researcher and Contributor ID
- Mã định danh cho các nhà nghiên cứu


**https://orcid.org/
0000-0002-8149-9952**
[Preview public record](#)

Emails 
lamthuaphong@gmail.com 

Names
Name
Phong Lam Thua

Also known as
Phong Thua Lam

Biography


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and Researchers

  English


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LATEST NEWS
Tue, 14 Aug 2018
ORCID in Publishing

Tue, 07 Aug 2018
Building a Robust Research Infrastructure, One PID at a Time

Thu, 02 Aug 2018
Org ID: a recap and a hint of things to come

1

ISBN/ISSN

- Mã chuẩn cho sách và tạp chí



The screenshot shows the homepage of the ISSN International Centre. The header includes the ISSN logo and the text 'INTERNATIONAL STANDARD SERIAL NUMBER INTERNATIONAL CENTRE'. To the right, it says 'INTERNATIONAL IDENTIFIER FOR SERIALS AND OTHER CONTINUING RESOURCES, IN THE ELECTRONIC AND PRINT WORLD' and has a language dropdown set to 'English'. A navigation bar below the header contains links: 'The Centre and the Network', 'Understanding the ISSN', and 'Services'. The main content area is titled 'What is an ISSN?' and explains that an ISSN is an 8-digit code used to identify newspapers, journals, magazines, and periodicals. It lists questions like 'Which publications are concerned by an ISSN?' and 'What form does an ISSN take?'. Below this, it states 'Which publications are concerned by an ISSN?' and lists examples: newspapers, annual publications, journals, magazines, collections, websites, databases, and blogs. A sidebar on the right contains links: 'FIND A NATIONAL CENTRE', 'SUBSCRIBE TO THE REGISTER', 'CONSULT THE MANUAL', 'THE REGISTER IN FIGURES', and 'NEWS'. The footer mentions that in many countries, an ISSN is mandatory for publications subject to legal deposit.

WOS/Scopus

- WebOfScience (thuộc Clarivate) và Scopus (thuộc Elsevier) là các cơ sở dữ liệu **CÓ PHÍ** giúp truy vấn tài liệu tham khảo – tương tự PubMed
- Ngoài ra, hai nền tảng còn hỗ trợ phân loại và sắp xếp các tạp chí theo các chỉ số trích dẫn (Citation Score) hoặc Impact Factor (IF).
- Các tạp chí nằm trong chỉ mục WoS và Scopus thường sẽ được đánh giá là các tạp chí UY TÍN và có giá trị tham khảo cao.

Hình: Xếp hạng các tạp chí trong lĩnh vực Y học (Medicine) theo Scopus 2020

	Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2017-20 ↓	Documents 2017-20 ↓	% Cited ↓
<input type="checkbox"/> 1	Ca-A Cancer Journal for Clinicians	463.2	99% 1/340 Oncology	50,948	110	92
<input type="checkbox"/> 2	The Lancet	91.5	99% 1/793 General Medicine	147,190	1,609	78
<input type="checkbox"/> 3	New England Journal of Medicine	80.6	99% 2/793 General Medicine	191,265	2,374	83
<input type="checkbox"/> 4	Nature Reviews Cancer	78.3	99% 1/207 Cancer Research	18,800	240	82
<input type="checkbox"/> 5	Nature Reviews Genetics	62.4	99% 1/325 Genetics	12,296	197	92
<input type="checkbox"/> 6	Nature Reviews Immunology	53.9	99% 1/202 Immunology	17,512	325	79
<input type="checkbox"/> 7	MMWR Surveillance Summaries	53.6	99% 1/293 Health (social science)	4,184	78	72
<input type="checkbox"/> 8	The Lancet Oncology	53.0	99% 3/340 Oncology	40,591	766	89
<input type="checkbox"/> 9	World Psychiatry	52.2	99% 1/502 Psychiatry and Mental Health	4,383	84	96
<input type="checkbox"/> 10	MMWR Recommendations and Reports	51.6	99% 2/293 Health (social science)	981	19	100

Impact Factor (IF)

- Đánh giá mức độ trích dẫn trung bình/ năm của một tạp chí.
- IF được đánh giá theo từng năm và tính dựa trên công thức
- Ví dụ: Impact factor của Nature ~ 49.9 có thể hiểu rằng 1 bài báo của Nature được trích dẫn trung bình ~50 lần.
- Để giữ cho IF cao, các tạp chí trên sẽ có rejection rate cao và tiêu chí chọn lựa khắt khe.

$$IF_y = \frac{\text{Số trích dẫn}_{y-1} + \text{Số trích dẫn}_{y-2}}{\text{Số bài xuất bản}_{y-1} + \text{Số bài xuất bản}_{y-2}}$$

Nature

Latest Journal's Impact IF - Trend · Prediction · Ranking · Key Factor Analysis

Homepage · Submit Manuscript · Wikipedia

2 Year IF

3 Year IF

4 Year IF

5 Year IF

Real-Time IF

IF Prediction

User Feedback Data Source
Google Journal Homepage Wiki
Journal's Impact IF
2021-2022

49.962

~ 16.8%

Like 0 Share

Journal's Impact IF Trend



ResearchGate (RG)

- “Mạng xã hội” dành cho nhà nghiên cứu.
- Đăng ký bằng e-mail giáo dục (.edu)
- Đặt câu hỏi cho các chuyên gia – tác giả
- “Xin” bài báo gốc của chính tác giả

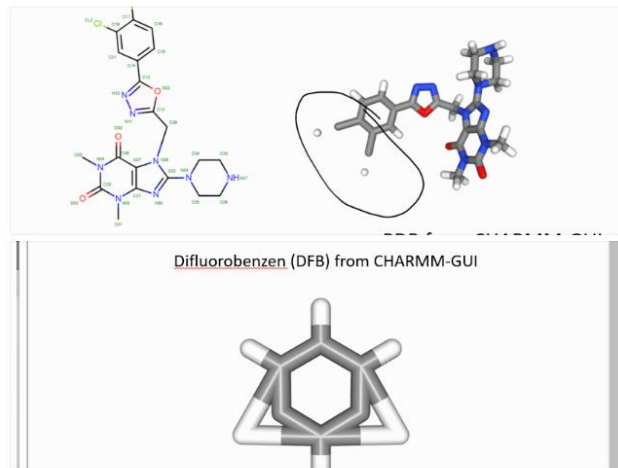
<https://www.researchgate.net>

ResearchGate



Thửa Phong Lâm
asked a question in Halogens

Mar 5



Topology for halogen-containing ligand using CHARMM-GUI or CGENFF for GROMACS?

Question 10 answers

Hi, I'm trying to create a topology and parameter for my molecular dynamics simulation using GROMACS 2021.4 and CHARMM36m from MacKerell lab. However, when I create the files from CHARMM-GUI which contains halogen (-Cl; -F; -Br) link to aromatic ring, I noticed that the ligand disrupted as the halogen part were apated from the remaining. As I know, the lone pair halogen-ri ... [Read more](#)

Ligand Halogens Halogen Bonding Aromaticity

Answer

213 Reads

Cấp độ thông tin

Thông tin cấp một:

- Bài báo gốc
- Dữ liệu gốc
- Báo cáo ca

Thông tin cấp 2:

- Bài tổng quan
- Bài tổng quan hệ thống
- Cơ sở dữ liệu online

Thông tin cấp 3:

- Sách giáo khoa
- Sách chuyên khảo
- UpToDate
- Dược thư
- Dược điển

PRIMARY LITERATURE



- Original research and/or new scientific discoveries

- Immediate results of research activities
- Often includes analysis of data collected in the field or laboratory

EXAMPLES:

- Original research published as articles in peer-reviewed journals.
- Dissertations
- Technical reports
- Conference proceedings

SECONDARY LITERATURE

- Summarizes and synthesizes primary literature
- Usually broader and less current than primary literature



EXAMPLES:

- Literature review articles
- Books

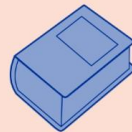
Since most information sources in the secondary literature contain extensive bibliographies, they can be useful for finding more information on a topic

TERTIARY LITERATURE

- Summaries or condensed versions of materials
- Usually with references to primary or secondary sources
- Good place to look up facts or get a general overview of a subject

EXAMPLES:

- Textbooks
- Dictionaries
- Encyclopedias
- Handbooks

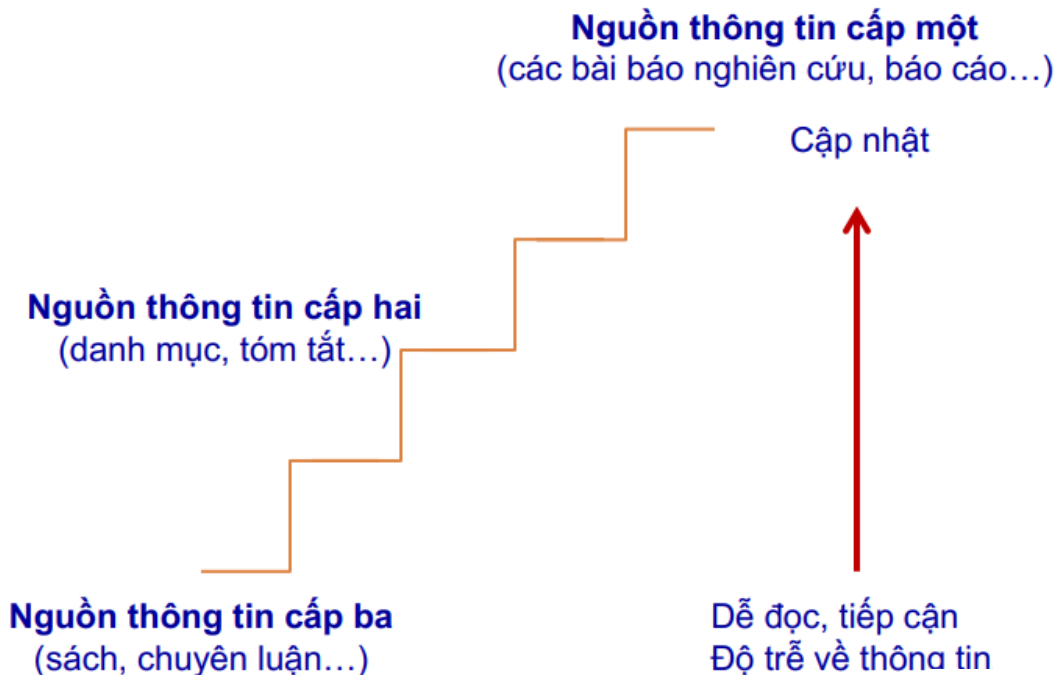


Cấp độ thông tin

Chọn lựa nguồn TLTK?

Theo tính chất câu hỏi

- Cơ bản (background)
- Vấn đề nổi cộm (foreground)



Cấp độ thông tin

Cơ bản (Background):

Câu hỏi trong **phạm vi rộng**

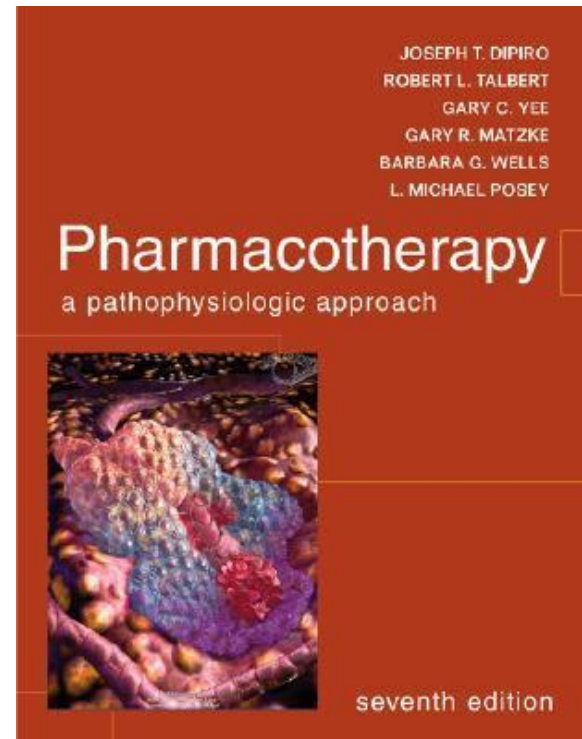
- Câu trả lời là **kiến thức tổng quát**
 - Đã có sự **đồng thuận cao** và **thời gian dài**
- **nguồn tài liệu cấp ba**

Vd:

A là thuốc có lưu hành ở Mỹ hay không?

Cơ chế tác động của thuốc là gì?

Chống chỉ định của thuốc A?



Cấp độ thông tin

Nổi cộm (Foreground):

- Câu hỏi trong **phạm vi hẹp**
- Câu trả lời đòi hỏi kiểm tra **mức độ chứng cứ mới** hoặc **các vấn đề còn mâu thuẫn**

→ **nguồn tài liệu cấp một và cấp hai**

Vd:

- Hiệu quả của Empagliflozin trong điều trị suy tim phân suất tống máu giảm?
- Hiệu quả và an toàn của các thuốc điều trị COVID-19 đường uống?



Efficacy and safety of three new oral antiviral treatment (molnupiravir, flvoxamine and Paxlovid) for COVID-19: a meta-analysis

Wen Wen^{a, b, *}, Chen Chen^{a, b, *}, Jiake Tang^{a, b, *}, Chunyi Wang^{a, b}, Mengyun Zhou^c, Yongran Cheng^d, Xiang Zhou^a, Qi Wu^a, Xingwei Zhang^a, Zhanhui Feng^e, Mingwei Wang^{f, a}, and Qin Mao^a

^a Hangzhou Institute of Cardiovascular Diseases, Affiliated Hospital of Hangzhou Normal University, Hangzhou, PR China ^b Hangzhou Normal University, Hangzhou, PR China ^c Department of Molecular and Cellular Physiology, Shinshu University School of Medicine, Matsumoto, Japan ^d School of Public Health, Hangzhou Medical College, Hangzhou, PR China ^e Department of Neurology, Affiliated Hospital of Guizhou Medical University, Guiyang, PR China

Phân loại một số loại TLTK Tài liệu cấp 1 Bài báo trên các tạp chí:

Sử dụng để:

- công bố các phát hiện
- tìm hiểu về các nghiên cứu chung lĩnh vực
- xác định phương pháp nghiên cứu

Đặc điểm

- được viết bởi chuyên gia, nhà nghiên cứu
- hướng đến người đọc chuyên môn
- bài viết luôn có trích dẫn
- **peer reviewed – bình duyệt độc lập**

Điểm mạnh, điểm yếu

- chất lượng cao, đáng tin cậy
- có thể chậm công bố do tiến trình bình duyệt
- thường có phí – phí công bố + phí truy cập

Article/Research Article/Case report
/Clinical study/Commentaries and letters to editors

Article

A new coronavirus associated with human respiratory disease in China

<https://doi.org/10.1038/s41586-020-2008-3>

Received: 7 January 2020

Accepted: 28 January 2020

Published online: 3 February 2020

Open access

 Check for updates

Fan Wu^{1,2}, Su Zhao^{2,3}, Bin Yu^{2,3}, Yan-Mei Chen^{1,2}, Wen Wang^{4,2}, Zhi-Gang Song^{1,2}, Yi Hu^{2,3}, Zhao-Wu Tao², Jun-Hua Tian², Yuan-Yuan Pei¹, Ming-Li Yuan², Yu-Ling Zhang¹, Fa-Hui Dai¹, Yi Liu¹, Qi-Min Wang¹, Jiao-Jiao Zheng¹, Lin Xu¹, Edward C. Holmes^{1,5} & Yong-Zhen Zhang^{1,4,6,12}

Emerging infectious diseases, such as severe acute respiratory syndrome (SARS) and Zika virus disease, present a major threat to public health^{1–3}. Despite intense research efforts, how, when and where new diseases appear are still a source of considerable uncertainty. A severe respiratory disease was recently reported in Wuhan, Hubei province, China. As of 25 January 2020, at least 1,975 cases had been reported since the first patient was hospitalized on 12 December 2019. Epidemiological investigations have suggested that the outbreak was associated with a seafood market in Wuhan. Here we study a single patient who was a worker at the market and who was admitted to the Central Hospital of Wuhan on 26 December 2019 while experiencing a severe respiratory syndrome that included fever, dizziness and a cough. Metagenomic RNA sequencing⁴ of a sample of bronchoalveolar lavage fluid from the patient identified a new RNA virus strain from the family *Coronaviridae*, which is designated here 'WH-Human-1' coronavirus (and has also been referred to as '2019-nCoV'). Phylogenetic analysis of the complete viral genome (29,903 nucleotides) revealed that the virus was most closely related (89.1% nucleotide similarity) to a group of SARS-like coronaviruses (genus *Betacoronavirus*, subgenus *Sarbecovirus*) that had previously been found in bats in China⁵. This outbreak highlights the ongoing ability of viral spill-over from animals to cause severe disease in humans.

<https://doi.org/10.1038/s41586-020-2008-3> 22

Phân loại một số loại TLTK

Tài liệu cấp 1/2

Reviews:

Phân biệt giữa

- Narrative review (Tổng quan có định hướng)
- Systematic review (Tổng quan hệ thống)
- Meta-analysis (Phân tích gộp)

Đặc điểm

- Bài tổng quan về một mảng nghiên cứu chuyên biệt
- Cung cấp cái nhìn tổng quát và tập hợp các bài nghiên cứu gốc từ TLTK cấp 1
- **Tiêu đề: 'Review', 'Reviews', 'Trend in...'**

Điểm mạnh, điểm yếu

- Dễ đọc – tìm kiếm thông tin nhanh
- Cần phải chọn lọc TLTK và kiểm chứng lại bài báo gốc

Review / Systematic review / Meta-analysis

REVIEWS

The IL-33/ST2 pathway: therapeutic target and novel biomarker

Rahul Kakkar* and Richard T. Lee†

Abstract | For many years, the interleukin-1 receptor family member ST2 was an orphan receptor that was studied in the context of inflammatory and autoimmune disease. However, in 2005, a new cytokine — interleukin-33 (IL-33) — was identified as a functional ligand for ST2. IL-33/ST2 signalling is involved in T-cell mediated immune responses, but more recently, an unanticipated role in cardiovascular disease has been demonstrated. IL-33/ST2 not only represents a promising cardiovascular biomarker but also a novel mechanism of intramyocardial fibroblast–cardiomyocyte communication that may prove to be a therapeutic target for the prevention of heart failure.

Phân loại một số loại TLTK

Tài liệu cấp 2

Các cơ sở dữ liệu y văn:



Phân loại một số loại TLTK Tài liệu cấp 3 Sách:

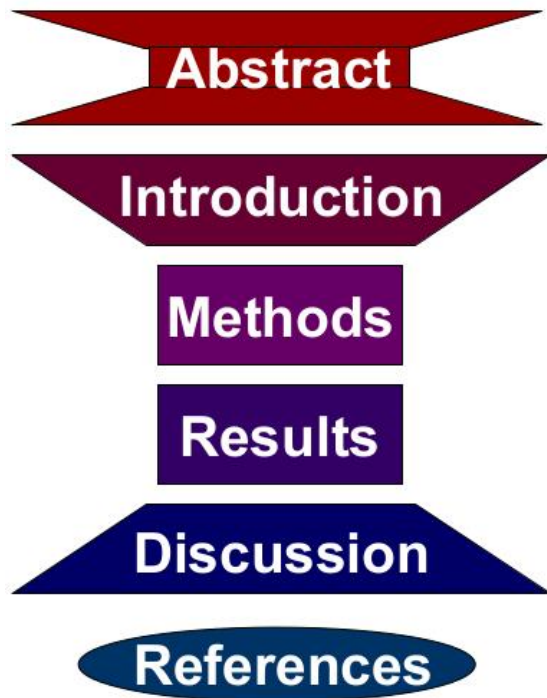


02.

CẤU TRÚC MỘT BÀI BÁO KHOA HỌC



Cấu trúc một bài báo khoa học



Tóm tắt

Đặt vấn đề

- Tại sao tôi làm đề tài này?
- Khoảng trống NC của tôi để thực hiện là gì

Phương pháp

- Làm cách nào để tôi thực hiện? Cách tái lập?

Kết quả

Bàn luận

- Đề tài tôi có gì ưu điểm so với trước đây?
- Khuyết điểm
- Đề xuất tương lai?

Tài liệu tham khảo

Cấu trúc một bài báo khoa học



International Journal of
Molecular Sciences

1

2



Article 3

Identification of Diosmin and Flavin Adenine Dinucleotide as Repurposing Treatments for Monkeypox Virus: A Computational Study 4

Thua-Phong Lam ^{1,†}, Viet-Hung Tran ^{2,*,†}, Tan Thanh Mai ¹, Nghia Vo-Trong Lai ¹, Bao-Tran Ngoc Dang ¹, Minh-Tri Le ^{1,3}, Thanh-Dao Tran ¹, Dieu-Thuong Thi Trinh ⁴ and Khac-Minh Thai ^{1,*} 5

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Abstract: The World Health Organization declared monkeypox a global public health emergency on 23 July 2022. This disease was caused by the monkeypox virus (MPXV), which was first identified in 1958 in Denmark. The MPXV is a member of the Poxviridae family, the Chordopoxvirinae subfamily, and the genus Orthopoxvirus, which share high similarities with the vaccinia virus (the virus used to produce the smallpox vaccine). For the initial stage of infection, the MPXV needs to attach to the human cell surface glycosaminoglycan (GAG) adhesion molecules using its E8 protein. However, up until now, neither a structure for the MPXV E8 protein nor a specific cure for the MPXV exists. This study aimed to search for small molecules that inhibit the MPXV E8 protein, using computational approaches. In this study, a high-quality three-dimensional structure of the MPXV E8 protein was retrieved by homology modeling using the AlphaFold deep learning server. Subsequent molecular docking and molecular dynamics simulations (MDs) for a cumulative duration of 2.1 microseconds revealed that ZINC003977803 (Diosmin) and ZINC008215434 (Flavin adenine dinucleotide-FAD) could be potential inhibitors against the E8 protein with the MM/GBSA binding free energies of -38.19 ± 9.69 and -35.59 ± 7.65 kcal·mol⁻¹, respectively.

Keywords: monkeypox virus; repurposing treatment; E8 protein; homology modeling; molecular docking; dynamics simulation; MM/GBSA



Citation: Lam, T.-P.; Tran, V.-H.; Mai, T.T.; Lai, N.V.-T.; Dang, B.-T.N.; Le, M.-T.; Tran, T.-D.; Trinh, D.-T.T.; Thai, K.-M. Identification of Diosmin and Flavin Adenine Dinucleotide as Repurposing Treatments for Monkeypox Virus: A Computational Study. *Int. J. Mol. Sci.* **2022**, *23*, 11570. <https://doi.org/10.3390/ijms231911570>

Academic Editors: Luca Pinzi and Giulio Rastelli

Received: 9 September 2022

1. Tên TẠP CHÍ (Journal)
2. Tên NHÀ XUẤT BẢN (Publisher)
3. Dạng bài (bài gốc/ bài tổng quan/review)
4. Tiêu đề
5. Tác giả
6. Tóm tắt

Tác giả chính – tác giả liên lạc?

RESEARCH ARTICLE

Innovative Approaches Using Lichen Enriched Media to Improve Isolation and Culturability of Lichen Associated Bacteria

Elena G. Biosca^{1*}, Raquel Flores^{1,2}, Ricardo D. Santander¹, José Luis Díez-Gil³, Eva Barreno²

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* elena.biosca@uv.es

1. **Tác giả chính (first author):** thường là người làm đề tài chính. Một công trình có thể có 1-2 first author.
2. **Tác giả liên hệ (corresponding author):** thường là giáo sư – thầy của tác giả chính thường có dấu * hoặc kí hiệu thư ✉ và đứng cuối
3. **Tác giả khác** (xếp theo thứ tự đóng góp cho công trình)

03.

TÌM KIẾM TLTK



Chọn công cụ

- Google search
- **Google Scholar**
- **Pubmed**
- Hinari
- WHO
- **Ovid**
- **Scopus**
- **Web Of Science**
- ResearchGate
- **ChatGPT!**
- Cửa hàng của NXB
- Thư viện các trường đại học



Câu hỏi 1:
**Bạn chưa biết gì về mảng cần
nghiên cứu?**

WIKIPEDIA LÀ MỘT ĐIỂM KHỞI ĐẦU TỐT!

Lợi ích:

- Tiếng Việt (maybe có)
- Tài liệu tham khảo gốc (tự đánh giá và chọn lọc để đọc thêm)
- Chuyển ngữ sang ngôn ngữ Anh để tìm kiếm các “keyword” tiềm năng

Nhược điểm:

- Chưa được bình duyệt
- Khả năng bị sửa đổi bởi cộng đồng
- Phải có kinh nghiệm tự sàng lọc thông tin

Interleukin 33

From Wikipedia, the free encyclopedia

"IL-33" redirects here. For the road,

Interleukin 33 (IL-33) is a **protein** that

Interleukin 33 is a member of the IL-1 f

4). IL33 is a ligand for ST2 (IL1RL1), an innate lymphocytes.^[6]

IL-33 is expressed by a wide variety of endothelial cells, and epithelial cells.^[7]

Contents [hide]

- 1 Structure
- 2 Function
 - 2.1 Nuclear role
 - 2.2 Cytokine role
 - 2.3 Regulation
- 3 Clinical significance
- 4 References
- 5 External links

Structure [edit]

IL-33 is a member of the IL-1 superfamily of cytokines, a determination based in part on the molecules β -trefoil structure, a conserved structure type described in other IL-1 cytokines, including IL-1 α , IL-1 β , IL-1Ra and IL-18. In this structure, the 12 β -strands of the β -trefoil are arranged in three pseudorepeats of four β -strand units, of which the first and last β -strands are antiparallel staves in a six-stranded β -barrel, while the second and third β -strands of each repeat form a β -hairpin sitting atop the β -barrel. IL-33 is a ligand that binds to a high-affinity receptor family member ST2. The complex of these two molecules with IL-1RAcP indicates a ternary complex formation. The binding area appears to be a mix of polar and non-polar regions that create a specific binding between ligand and receptor. The interface between the molecules has been shown to be extensive. Structural data on the IL-33 molecule was determined by solution NMR and small angle X-ray scattering.^[8]

References [edit]

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- ↑ ^a ^b ^c GRCm38: Ensembl release 89: ENSMUSG00000024810 [[] Ensembl, May 2017 []]
- ↑ "Human PubMed Reference". *National Center for Biotechnology Information*. U.S. National Library of Medicine
- ↑ "Mouse PubMed Reference". *National Center for Biotechnology Information*. U.S. National Library of Medicine
- ↑ "Entrez Gene: Interleukin 33"
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CHATGPT TRONG NGHIÊN CỨU KHOA HỌC

TA Cho tôi biết về viêm khớp dạng thấp



Viêm khớp dạng thấp (RA) là một bệnh lý tự miễn dịch mà ảnh hưởng đến khớp, gây ra sự viêm và đau đớn. RA thường ảnh hưởng đến các khớp nhỏ trước khi lan rộng đến các khớp lớn hơn trong cơ thể. Nó có thể gây ra sưng và đau ở khớp, cảm giác mệt mỏi, sốt, và đôi khi là tổn thương cho các cơ quan khác trong cơ thể như phổi và tim.

Nguyên nhân của RA không rõ ràng, tuy nhiên có những yếu tố được xem là tăng nguy cơ mắc bệnh, bao gồm di truyền, môi trường và các yếu tố lối sống. RA thường bắt đầu ở những người trung niên, nhưng nó có thể xảy ra ở mọi lứa tuổi.

Việc chẩn đoán RA thường bao gồm xét nghiệm máu để phát hiện kháng thể RF và ACPA, cùng với chụp X-quang để kiểm tra các tổn thương khớp. Các phương pháp điều trị bao gồm thuốc chống viêm không steroid (NSAID), thuốc kháng viêm tiểu đơn vị (DMARD), thuốc ức chế miễn dịch, và các biologic agent.

Nếu không được điều trị kịp thời và hiệu quả, RA có thể gây ra tổn thương vĩnh viễn cho khớp và dẫn đến tàn phế. Tuy nhiên, với các phương pháp điều trị hiện đại, đa số người mắc RA có thể điều trị hiệu quả và duy trì chất lượng cuộc sống tốt hơn.

TA Show me information about rheumatoid arthritis



Rheumatoid arthritis (RA) is a chronic autoimmune disorder that primarily affects the joints, causing pain, stiffness, and swelling. It can also affect other parts of the body, such as the skin, eyes, lungs, and blood vessels.

The cause of RA is not well understood, but it is thought to involve a combination of genetic and environmental factors. Women are more likely to develop RA than men, and it usually occurs between the ages of 40 and 60.

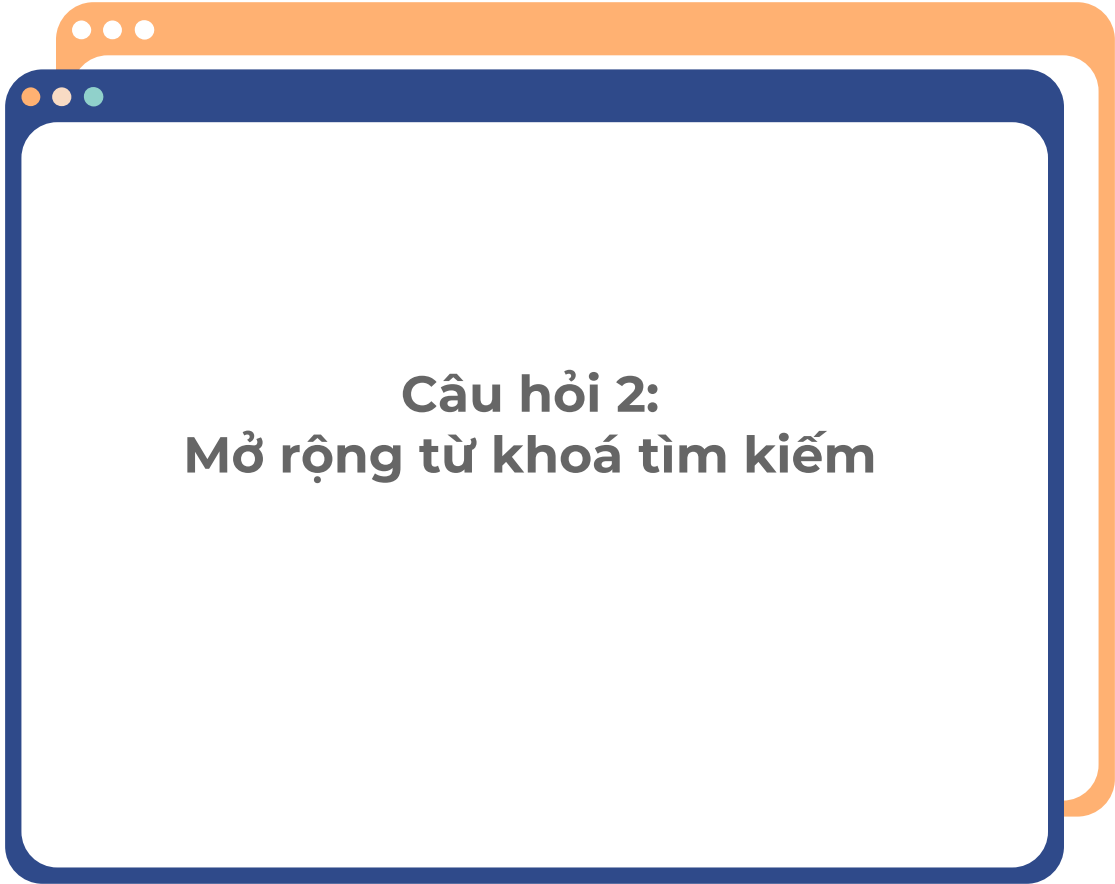
Symptoms of RA can vary from person to person, but common symptoms include:

- Pain and stiffness in the joints, especially in the morning or after periods of inactivity
- Swelling and tenderness in the joints
- Reduced range of motion in the joints
- Fatigue, fever, and weight loss
- Numbness and tingling in the hands and feet

Diagnosis of RA usually involves a combination of physical examination, medical history, blood tests, and imaging studies (such as X-rays or MRI).

Treatment typically involves a combination of medications (such as nonsteroidal anti-inflammatory drugs, disease-modifying antirheumatic drugs, and biologic agents), exercise, and lifestyle modifications (such as quitting smoking and maintaining a healthy weight).

RA is a chronic condition that can cause significant disability and decreased quality of life if left untreated. Early diagnosis and treatment are important to manage symptoms and prevent joint damage.

A stylized graphic of a web browser window. It features a dark blue border with rounded corners and three small colored circles (orange, light blue, and teal) in the top-left corner, mimicking window control buttons. Behind this window is a larger, semi-transparent orange rectangle. The text is centered within the white space of the browser window.

Câu hỏi 2:
Mở rộng từ khoá tìm kiếm

MeSH term

<https://www.ncbi.nlm.nih.gov/mesh/>

MeSH

MeSH (Medical Subject Headings) is the NLM controlled vocabulary thesaurus used for indexing articles for PubMed.

- **Medical Subject Headings of NLM (PubMed)**
- Hệ thống các “keyword” trong y văn đã được tạo ra và nhóm lại các từ liên quan

COVID-19

A viral disorder generally characterized by high FEVER, COUGH, DYSPNEA, CHILLS, PERSISTENT TREMOR, MUSCLE PAIN, HEADACHE, SORE THROAT, a new loss of taste and/or smell (see AGEUSIA and ANOSMIA) and other symptoms of a VIRAL PNEUMONIA. In severe cases, a myriad of coagulopathy associated symptoms often correlating with COVID-19 severity is seen (e.g., BLOOD COAGULATION, THROMBOSIS, ACUTE RESPIRATORY DISTRESS SYNDROME, SEIZURES, HEART ATTACK, STROKE, multiple CEREBRAL INFARCTIONS, KIDNEY FAILURE, catastrophic ANTIPHOSPHOLIPID ANTIBODY SYNDROME and/or DISSEMINATED INTRAVASCULAR COAGULATION). In younger patients, rare inflammatory syndromes are sometimes associated with COVID-19 (e.g., atypical KAWASAKI SYNDROME, TOXIC SHOCK SYNDROME, pediatric multisystem inflammatory disease, and CYTOKINE STORM SYNDROME). A coronavirus, SARS-CoV-2, in the genus BETACORONAVIRUS is the causative agent.

Year introduced: 2021(2020)

PubMed search builder options

[Subheadings:](#)

- ☐ analysis
- ☐ anatomy and histology
- ☐ blood
- ☐ cerebrospinal fluid
- ☐ chemically induced
- ☐ classification
- ☐ complications
- ☐ congenital
- ☐ diagnosis
- ☐ diagnostic imaging
- ☐ diet therapy
- ☐ drug therapy
- ☐ economics
- ☐ embryology

- ☐ enzymology
- ☐ epidemiology
- ☐ ethnology
- ☐ etiology
- ☐ genetics
- ☐ history
- ☐ immunology
- ☐ legislation and jurisprudence
- ☐ metabolism
- ☐ microbiology
- ☐ mortality
- ☐ nursing
- ☐ organization and administration
- ☐ parasitology

- ☐ pathology
- ☐ physiology
- ☐ physiopathology
- ☐ prevention and control
- ☐ psychology
- ☐ radiotherapy
- ☐ rehabilitation
- ☐ statistics and numerical data
- ☐ surgery
- ☐ therapy
- ☐ transmission
- ☐ urine
- ☐ veterinary
- ☐ virology

☐ Restrict to MeSH Major Topic.

☐ Do not include MeSH terms found below this term in the MeSH hierarchy.

Tree Number(s): C01.748.610.763.500, C01.925.705.500, C01.925.782.600.550.200.163, C08.381.677.807.500, C08.730.610.763.500

MeSH Unique ID: D000086382

Entry Terms:

MeSH Unique ID: D000086382

Entry Terms:

- COVID 19
- SARS-CoV-2 Infection
- Infection, SARS-CoV-2
- SARS CoV 2 Infection
- SARS-CoV-2 Infections
- 2019 Novel Coronavirus Disease
- 2019 Novel Coronavirus Infection
- 2019-nCoV Disease
- 2019 nCoV Disease
- 2019-nCoV Diseases
- Disease, 2019-nCoV
- COVID-19 Virus Infection
- COVID 19 Virus Infection
- COVID-19 Virus Infections
- Infection, COVID-19 Virus
- Virus Infection, COVID-19
- Coronavirus Disease 2019
- Disease 2019, Coronavirus
- Coronavirus Disease-19
- Coronavirus Disease 19
- Severe Acute Respiratory Syndrome Coronavirus 2 Infection
- SARS Coronavirus 2 Infection
- COVID-19 Virus Disease
- COVID 19 Virus Disease
- COVID-19 Virus Diseases
- Disease, COVID-19 Virus
- Virus Disease, COVID-19
- 2019-nCoV Infection
- 2019 nCoV Infection
- 2019-nCoV Infections
- Infection, 2019-nCoV
- COVID19
- COVID-19 Pandemic
- COVID 19 Pandemic
- Pandemic, COVID-19
- COVID-19 Pandemics

MeSH term

- **Medical Subject Headings of NLM (PubMed)**
- Hệ thống các “keyword” trong y văn đã được tạo ra và nhóm lại các từ liên quan

<https://www.ncbi.nlm.nih.gov/mesh/>

Interleukin-33

A member of the INTERLEUKIN-1 protein family involved in the maturation of TH2 CELLS and the activation of MAST CELLS; BASOPHILS; EOSINOPHILS and NK CELLS. It is also produced by ENDOTHELIAL CELLS; EPITHELIAL CELLS and FIBROBLASTS; where it can function as an alarmin to modulate immune and inflammatory responses to tissue damage.

Year introduced: 2016 (2005)

PubMed search builder options

[Subheadings:](#)

- ☐ administration and dosage
- ☐ adverse effects
- ☐ agonists
- ☐ analysis
- ☐ antagonists and inhibitors
- ☐ biosynthesis

☐ Restrict to MeSH Major Topic.

☐ Do not include MeSH terms found below this term in the MeSH hierarchy.

Tree Number(s): D12.644.276.374.465.850, D
MeSH Unique ID: D000067596

Entry Terms:

- Interleukin 33
- IL33
- IL-33

MeSH [Create alert](#) [Limits](#) [Advanced](#)

Full ▾

Axilla

Area of the human body underneath the SHOULDER JOINT, also known as the armpit or underarm.

PubMed search builder options

[Subheadings:](#)

<input type="checkbox"/> abnormalities	<input type="checkbox"/> etiology	<input type="checkbox"/> pathology
<input type="checkbox"/> anatomy and histology	<input type="checkbox"/> growth and development	<input type="checkbox"/> physiology
<input type="checkbox"/> blood supply	<input type="checkbox"/> immunology	<input type="checkbox"/> physiopathology
<input type="checkbox"/> cytology	<input type="checkbox"/> injuries	<input type="checkbox"/> radiation effects
<input type="checkbox"/> diagnosis	<input type="checkbox"/> innervation	<input type="checkbox"/> surgery
<input type="checkbox"/> diagnostic imaging	<input type="checkbox"/> metabolism	<input type="checkbox"/> therapy
<input type="checkbox"/> drug effects	<input type="checkbox"/> microbiology	<input type="checkbox"/> ultrastructure
<input type="checkbox"/> embryology	<input type="checkbox"/> parasitology	<input type="checkbox"/> virology
<input type="checkbox"/> enzymology		

☐ Restrict to MeSH Major Topic.

☐ Do not include MeSH terms found below this term in the MeSH hierarchy.

Tree Number(s): A01.378.800.090
MeSH Unique ID: D001365

Entry Terms:

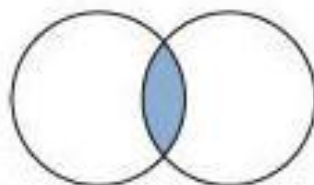
- Underarm
- Armpit

[All MeSH Categories](#)
[Anatomy Category](#)
[Body Regions](#)
[Extremities](#)
[Upper Extremity](#)
Axilla

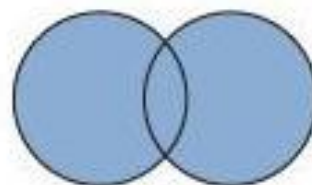


Câu hỏi 3:
Giới hạn hoặc cụ thể hoá
(specify) lĩnh vực tìm kiếm

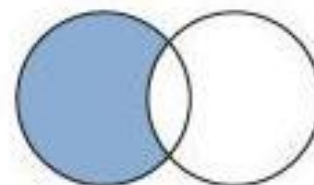
Toán tử



AND



OR



NOT

- **AND** (giảm số lượng KQ)
- **OR** (tăng số lượng KQ)
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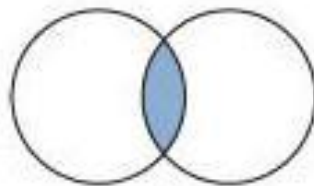
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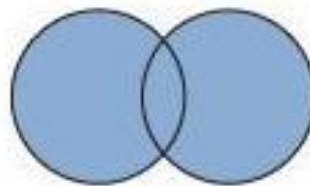
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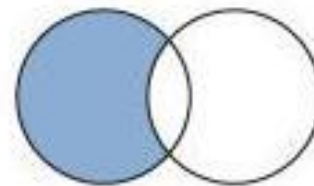
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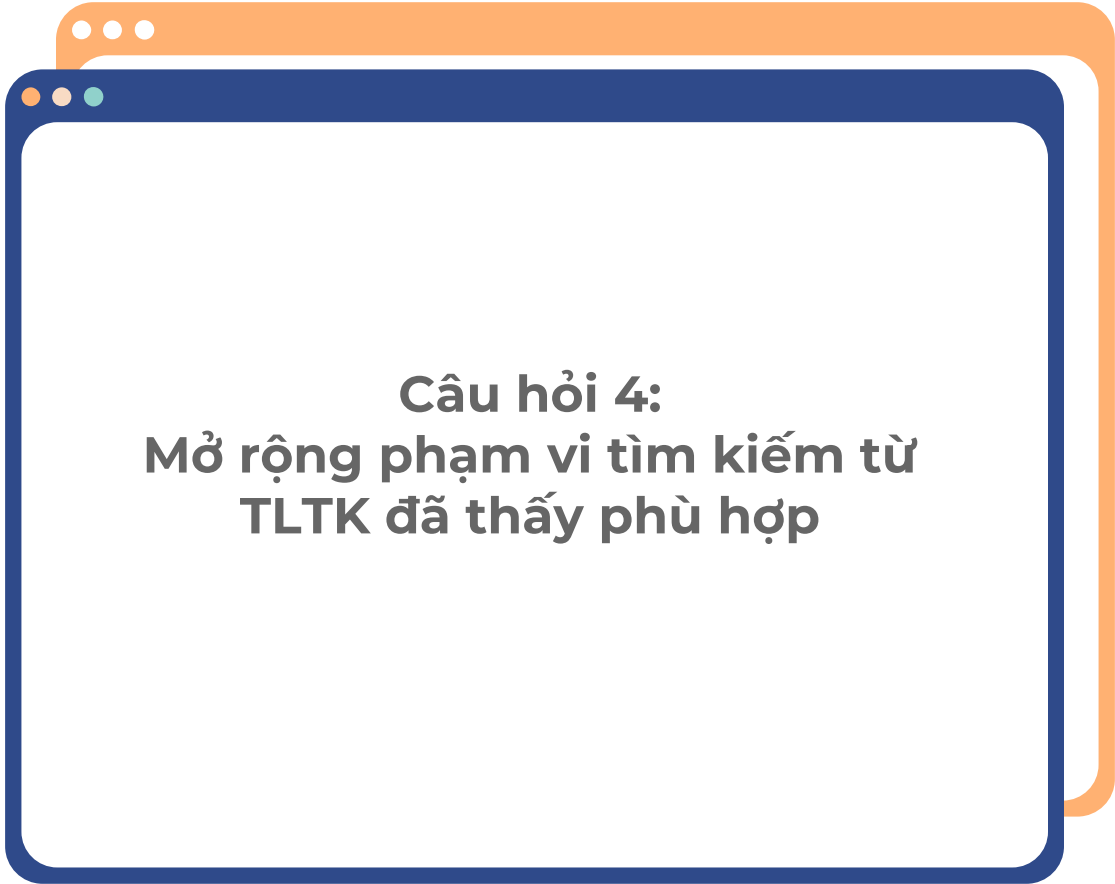
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