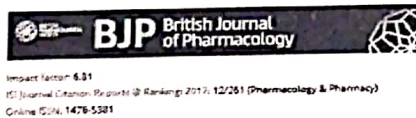


Classification of Medical Information

Secondary resources

$$\text{Impact Factor} = \frac{\text{number of citation}}{\text{number of articles}}$$



LATEST ISSUE >
Volume 175, Issue 20
October 2018

Impact factor = $\frac{\text{number of citation}}{\text{number of articles}}$

HOME BROWSE EDITOR'S CHOICE VIRTUAL ISSUES ABOUT JOINT VIRTUAL ISSUES

The polyphenol resveratrol promotes skeletal growth in mice through a sirtuin 1-bone morphogenic protein 2 longevity axis

Ming Zhao, Seon-Ye Ko, Ross Garrett, Gregory R Mundy, Gloria E Gutierrez, James R Edwards

British Journal of Pharmacology | First published: 20 August 2018

Abstract | Full text | PDF | References | Request permissions

Cysteine residues in mitochondrial intermembrane space proteins: more than just import

Markus Habich, Silja Lucia Salscheider, Jan Riemer

British Journal of Pharmacology | First published: 20 August 2018

Abstract | Full text | PDF | References | Request permissions

The bidirectional interaction between the sympathetic nervous system and immune

BJP Impact	
2 year Impact Factor	6.810
Number of cites	4,576
5 year Impact Factor	5.468
Number of cites	23,062
EigenFactor	0.03895
Ranked	12/261
Article Influence	1.382

Impact factor = $\frac{\text{number of citation}}{\text{number of articles}}$

= 2.4

Impact factor = $\frac{\text{number of citation}}{\text{number of articles}}$

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Impact factor = $\frac{\text{number of citation}}{\text{number of articles}}$

Impact factor = $\frac{\text{number of citation}}{\text{number of articles}}$

Abstract | Full text | PDF | References | Request permissions

Free Access

Issue highlights

British Journal of Clinical Pharmacology | Pages: 2173-2174 | First published: 14 September 2018

Abstract | Full text | PDF | Request permissions

No abstract is available for this article.

Free Access

Comment on "Massive" metformin overdose" by Chiew et al.

Garry G. Graham

British Journal of Clinical Pharmacology | First published: 12 September 2018

Abstract | Full text | PDF | References | Request permissions

BJCP Impact	
2 year Impact Factor	3.838
Number of cites	1,869
5 year Impact Factor	4.188
Number of cites	4,707
EigenFactor	0.01868
Ranked	47/261
Article Influence	1.206

Impact factor
[Pharmacology]
Clinical

Impact Factor

Impact Factor

لو بدي اظني هاي الارقام احسن
ليستهم

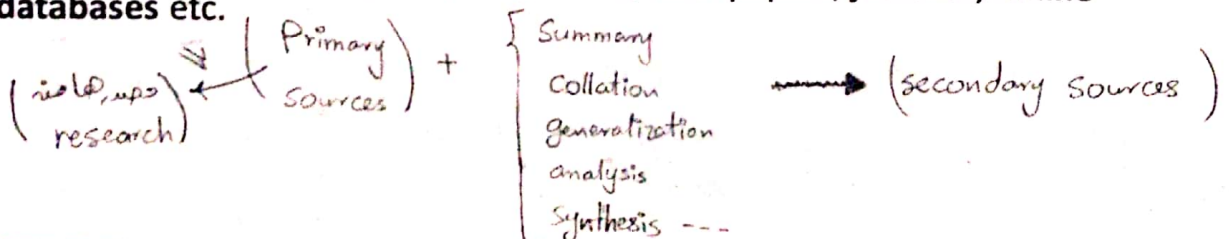
[aggregated factor]

Ranked 5/90

2. Secondary Literature

(Primary) * أي (resource) يقل عليه (Primary) ←
A secondary source is one that gives information about a primary source. In this source, the original information is selected, modified and arranged in a suitable format. * هاي المعلومات في شكلها على Primary Data

- Secondary sources involve: summary, collation, generalization, analysis, synthesis, interpretation, or evaluation of the original information (primary resource).
- Secondary research is contrasted with primary research in that primary research involves the generation of data, whereas secondary research uses primary research sources as a source of data for analysis.
- Some of the examples of secondary researches are government consensus, public agency annual reports, magazines, newspapers, journals, online databases etc.



(Primary)

 2. Secondary Literature (Indexing and Abstracting Services)

 (• Indexing and Abstracting Services)

 Primary → Secondary

- * الم صفعو الف $\Leftarrow$ 00 / year
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The goal of guidelines and systematic reviews is to identify relevant research and in addition to classifying the research by strength, also combine the research results statistically to provide a new, global research result.

Currently available evaluated bibliographic databases (like ACP Journal Club, Best Evidence, **Cochrane Library**, Evidence-Based Medicine) depend upon human experts to identify the best citations.

2. هندي نوع هندي 1, articles هندي

RCT 10/21/2019

(review articles) and

* بیهوش باغث یقرا و علی ربی رابعه لهم

زیب و لطیفہ حسن ...

<http://slideplayer.com>

کتابخانه فقهی مدرسه
(review articles)

بہ System; یہ صفات

- inclusion

- exclusion

articles
ای آئندھا و ای ما آئندھا

(statistical analysis) ← systematic review
 (meta analysis) ←
 (تأليف لقيام 2 نوعيه)

Secondary Literature

- **Advantages**
 - Cost-effect, ready made observations, less time spent on gathering information.
 - Statistically reliable, less requirement of expertise from internal team.
 - Trustable and ethical practices existing to support or organize other researches.
- **Disadvantages**
 - Information may be unsuitable for current research project.
 - The data may lack details that fulfill goal of the client at present.
 - Not customized, may require intensive study to judge validity of data.

scopus ← * صحة البحث
 indexing ← *
 (abstract و citation) لا
 embase ← *
 (Full Text) ←
 (لأنه عندهم توثيق جيد ستو بيقدم حبه ستوبده المستفيد)

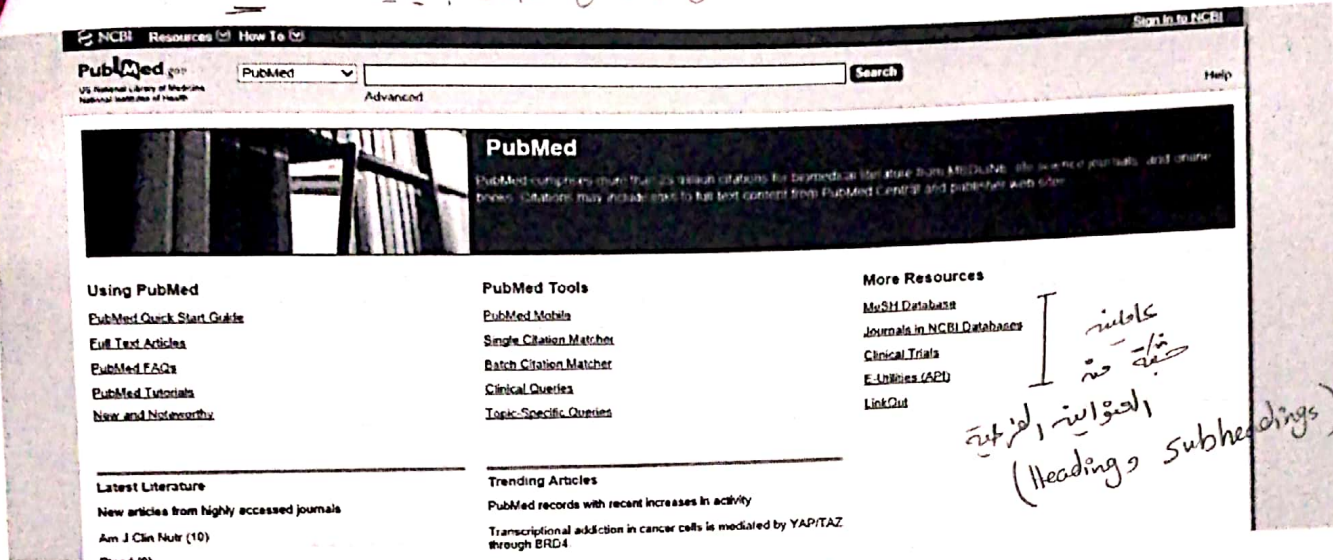
Key databases for more detailed searching Pharmacy

- Google Scholar ← free
- MEDLINE (PubMed) : <https://www.ncbi.nlm.nih.gov/pubmed/> ←
 (core of information) لا Pubmed
 International Pharmaceutical Abstracts (IPA) : <http://www.ovid.com/site/catalog/databases/109.jsp> ←
 Pharmaceutical Journals (200) ←
 EMBASE: <https://www.elsevier.com/solutions/embase-biomedical-research#search> ←
 Scopus <https://www.scopus.com/search/form.uri?display=basic> ←
 Web of Science: http://apps.webofknowledge.com/WOS_GeneralSearch_input.do?product=WOS&search_mode=GeneralSearch&SID=F4ZarpazbGEe7CBjdkL&preferencesSaved= ←

(Free) Cochrane Library : <https://www.cochranelibrary.com/>

(systematic review) ←
 Top evidence RCT
 (clarivate analysis) ←
 (Thomson reuters) ←

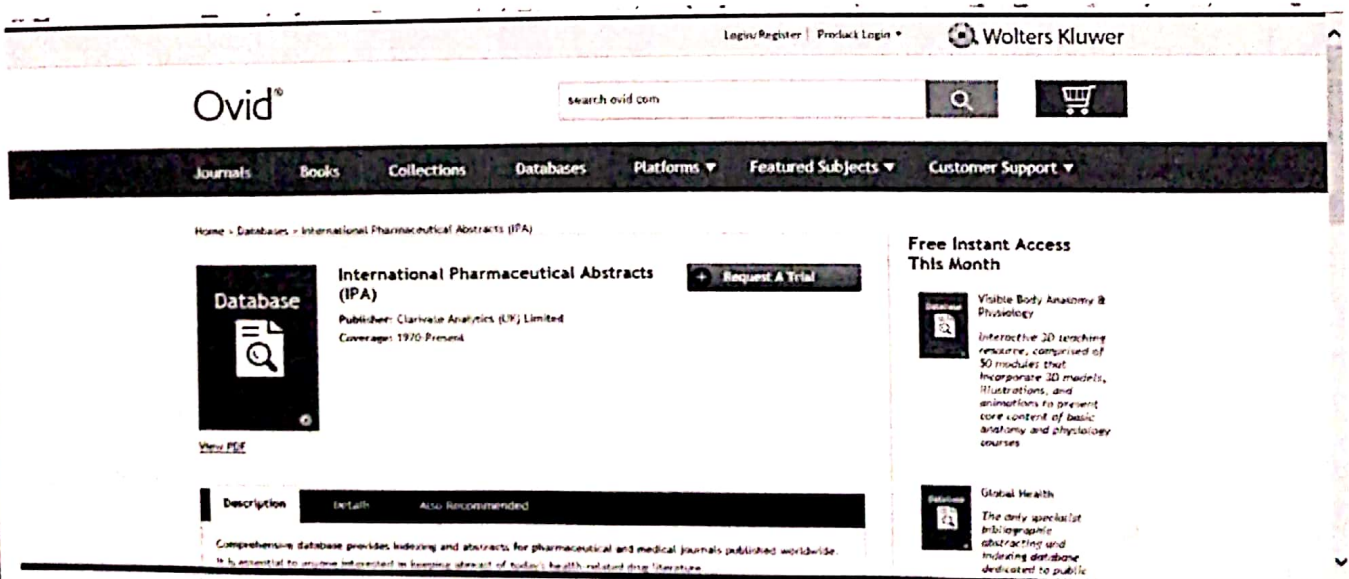
PubMed is a free search engine accessing primarily the MEDLINE database of references and abstracts on life sciences and biomedical topics. The United States National Library of Medicine at the National Institutes of Health maintains the database as part of the Entrez system of information retrieval.



⇒ في المذيع مكانه فيه يوفى (Mesh Terms)

impartial (professional)

International Pharmaceutical Abstracts (IPA) contains information from over 800 pharmaceutical, medical, and health-related journals published worldwide since 1970.



Embase is a biomedical and pharmacological bibliographic database of published literature designed to support information managers and pharmacovigilance in complying with the regulatory requirements of a licensed drug, useful for dietary supplements information and it is more global than Medline



SEARCH CART MENU

Embase

Improve your biomedical research with the world's most comprehensive biomedical literature database.

Get started

Already an Embase customer?

If you already have an Embase account, please click the link below to sign in.

> Embase sign in

Designing search formulas

In literature monitoring, the ideal search will find all ADRs without turning up too many irrelevant results. How do you design a search formula that maintains this balance?

> Read the white paper

PV best practices

This new application note for Embase's PV Wizard shows you how to build an optimized search query designed to find all adverse events for a medicinal substance.

> Read the application note

Scopus is Elsevier's abstract and citation database launched in 2004. Scopus is the largest abstract and citation database of peer-reviewed literature: scientific journals, books and conference proceedings, in top-level subject fields: life sciences, social sciences, physical sciences and health sciences

Scopus

Search Sources Alerts Lists Help v SciVal x Register > Login v

Document search

Compare sources >

Documents Authors Affiliations Advanced

Search tips ⓘ

Search

E.g., "Cognitive architectures" AND robots

Article title, Abstract, Keywords



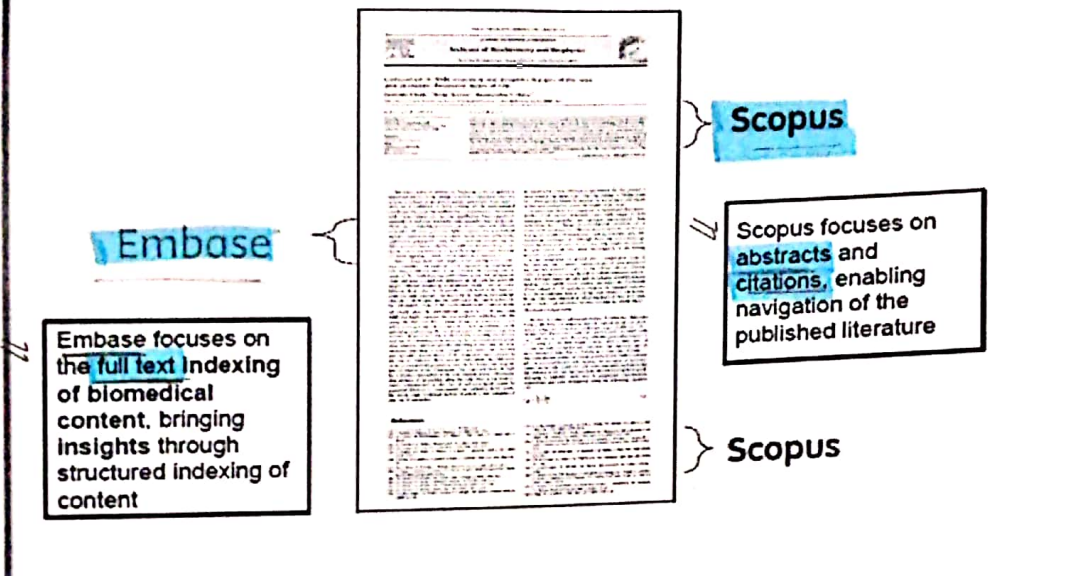
> Limit

Reset form

Search Q

Help & Support

Searches Focus on Different Content

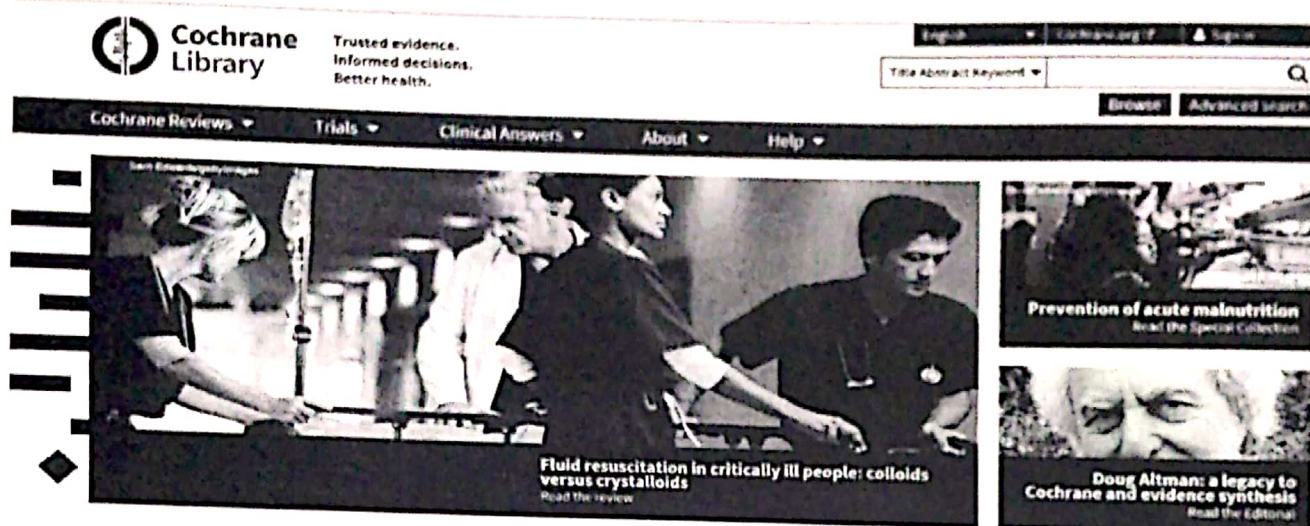


Web of Science is an online subscription-based scientific citation indexing service originally produced by the Institute for Scientific Information, now maintained by Clarivate Analytics, that provides a comprehensive citation search.

The screenshot shows the Web of Science search interface. At the top, there is a navigation bar with links to "Web of Science", "Journals", "Journal Citation Reports", "Essential Science Indicators", "EndNote", and "Publish". The "Web of Science" logo is prominently displayed. Below the logo, there is a search bar and a "Search" button. A message indicates that the service will undergo scheduled maintenance on September 23rd from 11:00-14:00 GMT. The main search area includes a "Select a database" dropdown menu set to "Web of Science Core Collection". Below this, there are tabs for "Basic Search", "Cited Reference Search", and "Advanced Search". A search input field contains the text "Example: oil spill* environmental". To the right of the input field is a "Topic" dropdown menu and a "Search" button. Below the search input field, there is a "Timespan" dropdown menu set to "All years (1990 - 2018)". At the bottom, there is a "More settings" link.

Cochrane is a non-profit, non-governmental organization formed to organize medical research findings so as to facilitate evidence-based choices about health interventions faced by health professionals, patients, and policy makers. Cochrane includes 53 review groups that are based at research institutions worldwide.

The **Cochrane Database of Systematic Reviews (CDSR)** is the leading journal and database for systematic reviews in health care. CDSR includes Cochrane Reviews (systematic reviews) and protocols for Cochrane Reviews as well as editorials and supplements.



Some more 2 information resources

BIOSIS PREVIEW (service of Web of Science)

This is most helpful when seeking more basic science information about activity of compounds on a cellular level.

CANCERLIT

This is most helpful when seeking information about oncology therapies and quality of life issues

CUURENT CONTENTS CONNECT (service of Web of Science)

This is most helpful when seeking information about recent drug research or developments

IOWA DRUG INFORMATION SYSTEM (IDIS)

provides in addition to biomedical publications a comparative effectiveness plus tool to compare specific medications, but limited number of journals are covered

للمتابعة
استعمل بريدك
إلكتروني
تقوم به
مدير النظام
الموقع

Some more 2 information resources

• LEXISNEXIS

Medication, legal and business news. Useful to locate information about recent medical news or research.

• REACTIONS WEEKLY

Case report of Adverse reactions and drug safety. Weekly indexing/abstracting services.

• PHARMACOECONOMICS & OUTCOMES NEWS WEEKLY

most useful for economic impact of disease and medical interventions

Tracing articles – Specify your research

• Words

- In title, abstract, authors' name and institution, Keywords

• MeSH terms; Medical Subject Headings (MeSH) are used by indexers to describe articles for MEDLINE records Restricted thesaurus of medical terms

• Can combine terms

• 'AND'

- Hypertension and bendroflumethazide

• 'OR'

- Hypertension or bendroflumethazide

• Can limit search to selected number of years, language, human studies ... etc limitation factors

Note

- The most accurate classification for any given source is not always obvious. Primary and secondary are relative terms, and some sources may be classified as primary or secondary, depending on how they are used.

A third level, the tertiary source, such as an encyclopaedia or dictionary, resembles a secondary source in that it contains analysis, but attempts to provide a broad introductory overview of a topic.

[* guidelines ← secondary resource]

3. Tertiary Resources

- Collection of data & concepts drawn from primary literature.
- Generally present a summary of well-established and documented drug and therapeutic information and include textbooks, formularies, drug compendia and electronic drug databases.

Advantages

- Convenient.** Information is well established
- They offer a quick, easy introduction to your topic.
- They may point to high-quality primary and secondary sources.

Disadvantages

- Because of their distance, they may oversimplify or otherwise distort a topic.
- By rehashing secondary sources, they may miss new insights into a topic.
- Gap between written, evidence and being within the tertiary resource
- Traditional Gap between hard copy and soft copy

(good summary to 1st data)

لودوريت بالقبعة *
de
مارك الإلكتروني (electronic cigarette)

ما يتفق - ستفقد
الأمم - يوفد
بال 3rd للبحث

مرفق ١٧ مستند من الأدوية بالاردن * مرفق

Formulary ← دواء
تكون منه

هاد يشمل كل الأدوية
بالبلد

3. Tertiary Resources

General product information

معلومات عن الدواء
نفسه

- Drug Information handbook
- Physicians' Desk Reference → (هاد الأطباء)
- Martindale: The Complete Drug Reference ← برطانيات
- BNF (British National Formulary)
- Micromedex
- Drugs.com
- Lexi Comp group

كتاب يشرح
بسه قبل هاد
للأدوية وفيه
معلومات
الأدوية

في الأدوية
أي دافعة على التأخير
بالبلد ليس لا تسهل
كل الأدوية الموجودة
بالبلد

(Jordan National Formulary)

* لوفنت

كتاب يشرح
مؤسسة الغذاء والدواء
بشمل الأدوية التي
recomanded
إنها تكون موجودة
بالمستشفيات
وفي القطاع الحكومي
أو شراء الجود

Pharmacology

- Rang & Dale's Pharmacology
- Basic & clinical Pharmacology (Bertram G. Katzung)
- Goodman & Gilman's: the Pharmacology basis of Therapeutics
- Brody's Human Pharmacology: Molecular to Clinical

معلومات
الدوائية

مرتبة ← Therapy
مرتبة ← مرتبة
الدواء
دشوب
المرضا

Tertiary Resources

- Therapy evaluation / Drug of choice
- Applied Therapeutics: The Clinical Use of Drugs
- Pharmacotherapy: A Pathophysiologic Approach (Joseph T. DiPiro)
- The Merck Manual Of Diagnosis And Therapy (Merck) →
- Harrison's Principles of Internal Medicine ←
- Adverse Effects
- Meyler's Side Effects of Drugs: The International Encyclopaedia of Adverse Drug Reactions .

To Consumers
To professional
To geriatrics

معلومات
الدوائية

أدوية
عن قبل الأطباء

شهر
سنة
بهاد رجال

3. Tertiary Resources

* Drug interactions

(* Drugs . Com)

marketing to FDA *

- Hansten and Horn's Drug Interactions Analysis and Management
- Drug Interactions facts – Fact & Comparison products

* Food Medication Interactions (FMI)

(Drug information handbook)

* Geriatric dosage recommendation

- Merck Manual of Geriatrics.
- Geriatrics Dosage Handbook

هذا الكتاب من نفسه
الشرية جدا ...

Paediatric dosage forms

- Paediatric dosage Handbook
- The Harriet Lane Handbook

هذا الكتاب
التي هي
أفرا من حقيقة *

* Category A → in Pharmacology

B

C

3. Tertiary Resources

(معرفة بتعمق بالدواء عوبه الحبل، الأدوية)

* Teratogenicity, Lactation

(شوار category ثمة)

- Drugs in Pregnancy and Lactation: A Reference Guide to Fetal and Neonatal Risk
- Catalog of Teratogenic Agents

Toxicology

Goldfrank's Toxicologic Emergencies

Casarett & Doull's Essentials Of Toxicology

Casarett & Doull's Toxicology The Basic Science Of Poisons

* Drugs in Jordan

في الدول لا
Poisons
وشر
antidotes

3. Tertiary Resources

- * Availability of Dosage forms
 - American Drug Index
 - Red Book (Red book Drug topics)
- * Compounding , Formulation ← الأشياء المتعلقة بالدواء (Instrumental, Industry pharmacy)
 - Merck Index
 - Remington: The Science and Practice of Pharmacy
 - Trissel's Stability Of Compounded Formulations
 - The United States Pharmacopeia (USP)
- * Incompatibility and stability
 - Handbook of Injectable drugs
 - Trissel's 2 Clinical Pharmaceutics Database
 - King Guide to Parenteral Admixtures
 - التقنية عند خلط الادوية *

3. Tertiary Resources

- * Pharmacokinetics
 - Basic Clinical Pharmacokinetics
 - Applied Biopharmaceutics and Pharmacokinetics
- * Dietary supplements
 - Natural Medicines Comprehensive Database
 - Natural Standard
 - PDR for Herbal Medicines ← غير عنده ناع الادوية
 - Trease and Evans' pharmacognosy
- * Identification of product
 - IDENT-A-Drug ← فيه صورة الدواء نفسه
 - Drugs.com

نطلع معلومات
اذا كان الدواء غامضاً