



EBSCO Health



Medical Subject Heading in Discovery Searching

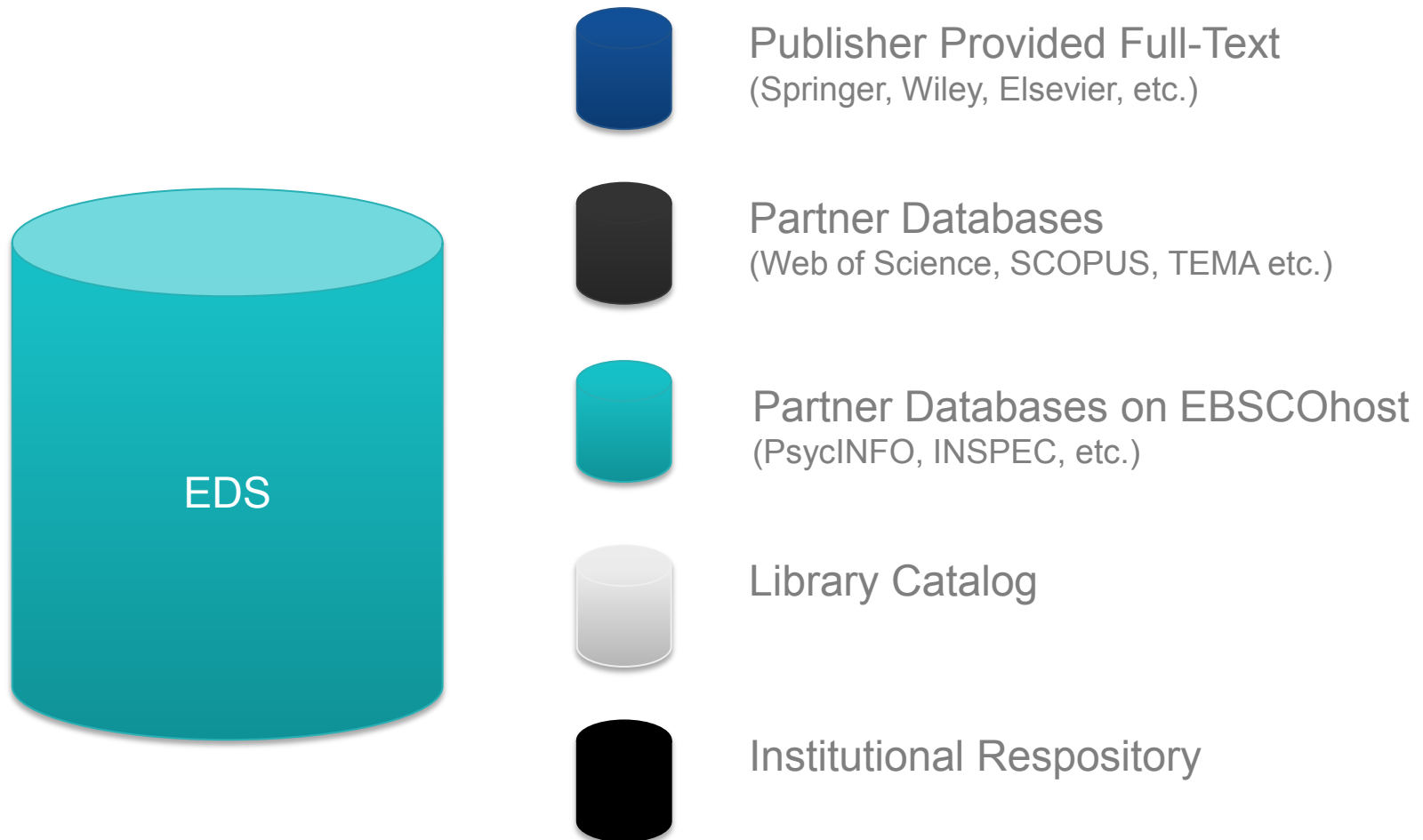
Veera Mujunen

EBSCO Health for Nordic Region

What is Discovery?

- Eg.
- One search-box approach to the library content
- Locally hosted index
- Knowledge base on your holdings

EBSCO Discovery Service Content



Discovery in the Medical libraries

- Strong position of native databases and medical subject headings

What is Discovery needed for?

Helps users, increases usage:

- Case:

Central Manchester University Hospitals



NHS Foundation Trust

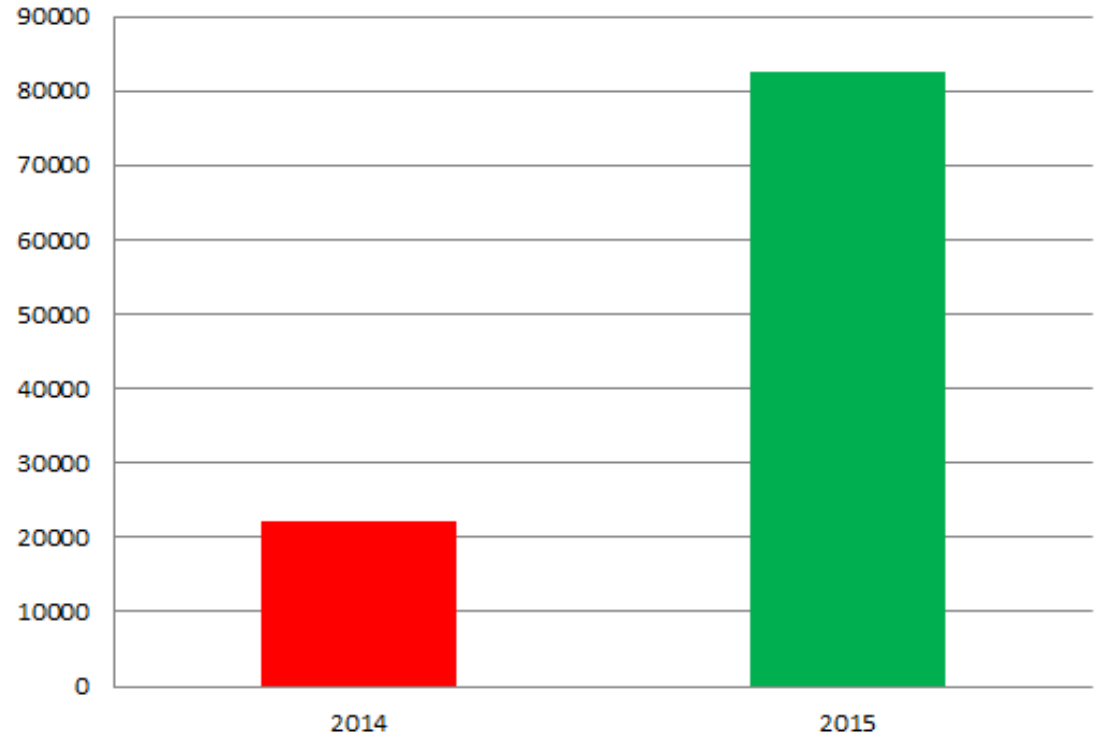
Increase in full text downloads

Central Manchester University Hospitals **NHS**
NHS Foundation Trust

2014= 22,278

2015= 82,664

CMFT Full Text Downloads 2014 - 2015



If you choose a Discovery service that matches your needs...

- The service makes use of the subject indexes
- Users find needed information timely
- The tool can guide users to use the native databases

How does EBSCO do this?

- 1. Using ***metadata*** that includes subject headings
- 2. A ***relevance ranking*** that makes use of these subject headings
- 3. ***Mapping*** subject terms

EBSCO Relevance Ranking

The system has the following priorities and has no bias toward content from any provider:

1. Match on **subject headings** from controlled vocabularies
2. Match on article titles
3. Match on author keywords
4. Match on keywords within abstracts
5. Match on keywords within full text

Exact Matches: Exact matches are favored over partial matches – considering also the field in which those words appear (abstract vs. full text vs. title, etc.)

Density: Matches across multiple metadata fields are favored for relevance scoring (more is better). The scoring influence of repeat terms within individual metadata fields is minimized.

Value Ranking: Quality & Openness

RECENCY

Recently published content
is scored higher for relevance
than older content

Value Ranking: Quality & Openness

LENGTH

Articles of a more substantial length
have a heavier weighting
(e.g. a $\frac{1}{4}$ page article is considered
less valuable than a four page article)

Value Ranking: Quality & Openness

DOCUMENT TYPE

Certain document types are weighted higher than others for relevance scoring. For example, when the word “book” or “review” is not searched, there is a bias against book reviews, so these don’t dominate results

Enhanced Subject Precision

- Mapping terms from different databases

Examples

Search term ADHD



Searching: Discovery Service - Medical School Research Collection

Keyword

adhd

Search

[Basic Search](#) [Advanced Search](#) [Search History](#)

Refine Results

Current Search

Boolean/Phrase:

adhd

Expanders

☒ Apply equivalent subjects

☒ Also search within the full text of the articles

Source Types

☒ Academic Journals

Limit To

☐ Scholarly (Peer Reviewed) Journals

☐ Full Text

☐ Institutional Repository Only

Search Results: 1 - 10 of 235,909

Relevance

Page Options

Share

1. Neuropsychological functioning in college students with and without ADHD.



Academic Journal

Weyandt, Lisa L.; Oster, Danielle R.; Gudmundsdottir, Bergljot Gyda; DuPaul, George J.; Anastopoulos, Arthur D.; Neuropsychology, Vol 31(2), Feb, 2017 pp. 160-172. Publisher: American Psychological Association; [Journal Article]. Database: PsycARTICLES

Subjects: Attention Deficit Disorder with Hyperactivity; Cognitive Ability; Neuropsychology; Adulthood (18 yrs & older); Young Adulthood (18-29 yrs); Male; Female



HTML Full Text



PDF Full Text (178KB)

2. The relevance of cognitive distortions in the psychosocial treatment of adult ADHD.



Academic Journal

Ramsay, J. Russell; Professional Psychology: Research and Practice, Vol 48(1), Feb, 2017 pp. 62-69. Publisher: American Psychological Association; [Journal Article]. Database: PsycARTICLES

Subjects: Attention Deficit Disorder with Hyperactivity; Cognitive Behavior Therapy; Cognitive Processes; Perceptual Distortion; Adulthood (18 yrs & older)



HTML Full Text



PDF Full Text (113.2KB)

3. Sluggish cognitive tempo and attention-deficit/hyperactivity disorder (ADHD) inattention in the home and school contexts: Parent and teacher invariance and cross-setting validity.



Burns, G. Leonard; Becker, Stephen P.; Servera, Mateu; Bernad, Maria del Mar; García-Banda, Gloria; Psychological Assessment, Vol 29(2), Feb, 2017 pp. 209-220. Publisher: American Psychological Association; [Journal Article]. Database: PsycARTICLES

a.ebscohost.com/eds/results?cid=a47c825a-aada-446e-baf3-9a46637bf012@sessionmgr4008&vid=3&hid=4211&hquerv=adhd&hdata=lnR5cGU9MC7zaXRIPWVkc1caX7I#

Searching Vistaril or Atarax

Searching: Discovery Service - Medical School Research Collection

Keyword

Search

[Basic Search](#) [Advanced Search](#) [Search History](#)

Results

Search

/Phrase:

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articles

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Journals ☒

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Search Results: 1 - 10 of 2,171

Relevance

Page Options

Share

1. The use of hydroxyzine (Vistaril) in the treatment of anxiety neurosis.



Academic
Journal

Goldberg, Harold L.; Finnerty, Richard J.; Psychosomatics: Journal of Consultation and Liaison Psychiatry, Vol. 14(1), Jan, 1973 pp. 38-41. Publisher: American Psychiatric Assn; [Journal Article]. Database: PsycINFO

Subjects: Anxiety Disorders; Drug Therapy; Hydroxyzine; Outpatients

2. Hypersensitivity to Vistaril in a child with asthma.



Academic
Journal

(English) By: Massoud N, The Journal Of Pediatrics [J Pediatr], ISSN: 0022-3476, 1978 Aug; Vol. 93 (2), pp. 308; Publisher: Mosby; PMID: 671174, Database: MEDLINE with Full Text

Subjects: Asthma complications; Drug Hypersensitivity etiology; Dyspnea chemically induced; Hydroxyzine adverse effects; Adolescent: 13-18 years; All Child: 0-18 years; Male

3. Hydroxyzine (atarax; vistaril).



Academic
Journal

(English) , The Medical Letter On Drugs And Therapeutics [Med Lett Drugs Ther], ISSN: 0025-732X, 1970 Sep 04; Vol. 12 (18), pp. 74-5; Publisher: The Medical Letter; PMID: 4950074, Database: MEDLINE with Full Text

Subjects: Hydroxyzine therapeutic use; Child: 6-12 years; All Child: 0-18 years

Users see where the results come from

The screenshot displays the EBSCO Health interface with a 'Content Provider' modal window open. The modal window lists various content providers and their hit counts. The background interface shows a sidebar with filters for Publication, Subject, Language, Publisher, and Content Provider. The main content area displays search results for 'Academic Journal'.

Content Provider

Name	Hit Count
<input checked="" type="checkbox"/> All Providers	
<input type="checkbox"/> MEDLINE with Full Text	37,672
<input type="checkbox"/> ScienceDirect	29,514
<input type="checkbox"/> PsycINFO	25,387
<input type="checkbox"/> CINAHL Plus with Full Text	15,804
<input type="checkbox"/> Nursing & Allied Health Collection: Comprehensive	5,756
<input type="checkbox"/> SocINDEX with Full Text	5,366
<input type="checkbox"/> SPORTDiscus with Full Text	2,834
<input type="checkbox"/> PsycARTICLES	2,802
<input type="checkbox"/> Cochrane Central Register of Controlled Trials	2,082

Update **Cancel**

Need for more sophisticated searching?

- Continue searching in a database and with the discovered search term

Databases Supported for Mapping

- *MEDLINE (full product line)*
- *CINAHL (full product line)*
- *PsycINFO*
- *PsycARTICLES*
- *Academic Search*
- *Business Source*
- *Dentistry & Oral Sciences Source*
- *AgeLine*
- *psycBOOKS*
- *Social Work Abstracts*
- *SocINDEX*
- *AGRICOLA*
- *HeinOnline*
- *Abstracts in Social Gerontology*
- *Food Science & Technology Abstracts*
- *Library Literature & Information Science*

Other features

Examples



Searching: University Library Collection

EBSCO Discovery Service
Demo

Keyword diabetes mellitus

Search

Basic Search Advanced Search Search History ▶

Search Results: 1 - 10 of 2,203,099

Relevance ▾ Page Options ▾ Share ▾

Refine Results

Current Search

Find all my search terms:

diabetes mellitus

Expanders

Also search within the full text of the articles

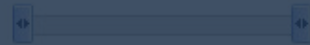
Limit To

- ☐ Full Text
- ☐ Scholarly (Peer Reviewed) Journals
- ☐ Available in Library Collection

1031

Publication Date

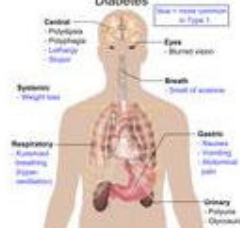
2015



Show More

Source Types

Main symptoms of Diabetes



Research Starter

Diabetes mellitus.

Diabetes mellitus is by far the most common of all endocrine (hormonal) disorders. The disorder's name is derived from the Greek word diabetes, meaning... [More](#)

Magill's Medical Guide (Online Edition), 2014

1. **Diabetes mellitus : methods and protocols** / edited by Sabire Özcan.



Book

72,000+ “Research Starters”
provided by Salem Press
PhDs & Magill’s
Medical Guide

2. **Diabetes mellitus** / [edited by] [Name], guest editors.



Demo Catalog – US - U of Georgia



Searching: University Library Collection

EBSCO Discovery Service
Demo

Keyword

JAMA



Search

[Basic Search](#) [Advanced Search](#) [Search History](#)

Refine Results

Current Search

Find all my search terms:

JAMA

Expanders

Also search within the full text of the articles

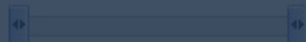
Limit To

- ☐ Full Text
- ☐ Scholarly (Peer Reviewed) Journals
- ☐ Available in Library Collection

1200

Publication Date

2015

[Show More](#)

Source Types

Search Results: 1 - 10 of 2,516,503

Relevance

Page Options

Share

JAMA: Journal of the American Medical Association

Search within Publication



1. JAMA [electronic resource] : the journal of the American Medical Association.



Periodical

Chicago : American Medical Association 01/01/1960 Language: English, Database: EDS Demo Catalog – US - U of Georgia

Subjects: Medicine -- Periodicals; Medicine -- electronic journals

[Request this item through interlibrary loan](#) [Retrieve Catalog Item](#)

Location

Call No.

Status

Internet Resource

Available

[UGA Libraries - Hours & Directions](#)

2. JAMA : the journal of the American Medical Association.



Periodical

Chicago : American Medical Association, 1960- 01/01/1960 v. : ill. ; 28 cm. Language: English, Database: EDS Demo Catalog – US - U of Georgia

Subjects: Medicine -- Periodicals

[Request this item through interlibrary loan](#) [Retrieve Catalog Item](#)

(9) Other Libraries Holding this Item

Searching: **University Library Collection**

Keyword Web of Science

Search


[Basic Search](#)
[Advanced Search](#)
[Search History ▶](#)
[EBSCO Discovery Service Demo](#)

Refine Results

Current Search

Find all my search terms:

[Web of Science](#)

Expanders

Also search within the full text of the articles

Limit To

- ☐ Full Text
- ☐ Scholarly (Peer Reviewed) Journals
- ☐ Available in Library Collection

1190 Publication Date 2015

[Show More](#)

Source Types

- ☒ All Results
- ☐ Academic Journals (2,267,028)

Relevance

Page Options

Share

Search Results: 1 - 10 of 6,826,148

THOMSON REUTERS
Web of Science

Looking for a specific database?

Web of Science

Web of Science is an online subscription-based scientific citation indexing service maintained by Thomson Reuters that provides a comprehensive citation search. It gives access to multiple databases that reference cross-disciplinary research, which allows for in-depth exploration of specialized sub-fields within an academic or scientific discipline.

1. ANÁLISIS DE LA PRODUCCIÓN CIENTÍFICA EN BALONMANO EN LAS REVISTAS DE LA WEB OF SCIENCE.



Academic Journal

/ Analysis of scientific production in handball in journals of web of science. Aguilar, Óscar Gutiérrez, E-balonmano.com: Journal of Sports Science / Revista de Ciencias del Deporte 2014, Vol. 10 Issue 2, p77 (English Abstract Available), Database: SPORTDiscus with Full Text

The aim of this research was to analyze the scientific contributions whose subject of study was handball and which were published in journals indexed in Web of Science. The search was conduc...

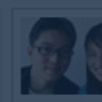
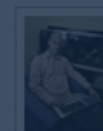


PDF Full Text (493KB)

2. Web Social Science : Concepts, Data and Tools for Social Scientists in the Digital Age



Related Images

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Searching: Springfield University Collection

Springfield University Library

Keyword Myocardial Infarction X

Search ?

Basic Search Advanced Search Search History

Refine Results

Current Search

Find all my search terms:
myocardial infarction X

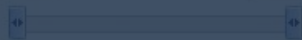
Limiters:

Full Text Online X

Limit To

- ☒ Full Text Online
- ☐ References Available
- ☐ Scholarly (Peer Reviewed Journals)

1708 Publication Date 2013



Show More

Source Types

- ☒ All Results (1,105,562)
- ☐ Academic Journals (101,211)
- ☐ Magazines (102,980)
- ☐ Books (30,315)
- ☐ News (25,658)
- ☐ eBooks (20,590)

Show More

Subjects

Search Results: 1-10 of 1,259,856

Relevance Page Options Share



Myocardial Infarction

Encyclopædia Britannica, 2013

Research Starter: Myocardial Infarction
commonly known as a heart attack**Related:** Acute Heart Disease, Acute Myocardial Infarction

1. Medical emergencies: atrial fibrillation

Academic
JournalBy: Somasundaram K; Ball J. *Anaesthesia*. 2013 Aug;vol. 68 (8), pp. 84-101; Publisher: Wiley-Blackwell. Database: MEDLINE Complete**Subjects:** Atrial Fibrillation therapy; **Myocardial Infarction**; Emergency Medical Services methods

PDF Full Text (1.2MB)

FIND IT

2. Clinical features of early myocardial rupture

Academic
JournalBy: Suzuki M; Enomoto D; Seike F; Fujita T. *Journal of Intensive Care Medicine*. 2012 Aug;vol. 23 (8), pp. 453-6; Publisher: Sage Publications**Subjects:** Japan; Electrocardiography; Myocardial Infarction

PDF Full Text (1.2MB)

FIND IT

3. Ventricular Geometry in Post myocardial Infarction Aneurysms: Implications for Surgical Ventricular Restoration



eBook

By: Parachuri, V. Rao; Springer. 2012. eBook. Database: eBook Collection (EBSCOhost)

Subjects: MEDICAL / Surgery / General; Heart--Left ventricle--Surgery; Heart--Left ventricle Pathophysiology Ventricular aneurysms; **Myocardial Infarction**

eBook Full Text

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