

Effective literature search

Farooq Rathore

"As long as one keeps searching, the answers
come."

Joan Baez, US folksinger and political activist

What is literature search

Developing an ability to search in a purposeful and systematic manner through the range of literature or information relevant to one's particular field

Why search the literature?

- ⦿ Knowledge about recent advances
- ⦿ To identify suitable research topic
- ⦿ Avoid duplication
- ⦿ Understanding of the work done in the past
- ⦿ Evidence for the research that is planned
- ⦿ Provide discussion for the topic

Literature search strategy

- ⦿ Define your information need / research question
- ⦿ Define concepts and terms
- ⦿ List variables involved
- ⦿ Decide which sources to use
- ⦿ Find out how they function
- ⦿ Run your search
- ⦿ Review and refine you search

Where to search? ----Global Data bases

- ◉ [Medline](#)
- ◉ [PubMed Central](#)
- ◉ [Google scholar](#)
- ◉ [DOAJ](#)
- ◉ [Springerlink](#)
- ◉ [Scencedirect](#)
- ◉ [Ovid Data base](#)
- ◉ [EBSCO host database](#)
- ◉ [Highwire](#)

PubMed ▼

Search

[Advanced](#)

[Help](#)



PubMed

PubMed comprises more than 23 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full-text content from PubMed Central and publisher web sites.



PubMed Commons

PubMed's new commenting system

[More](#)


Using PubMed

[PubMed Quick Start Guide](#)

[Full Text Articles](#)

[PubMed FAQs](#)

[PubMed Tutorials](#)

[New and Noteworthy](#) 

PubMed Tools

[PubMed Mobile](#)

[Single Citation Matcher](#)

[Batch Citation Matcher](#)

[Clinical Queries](#)

[Topic-Specific Queries](#)

More Resources

[MeSH Database](#)

[Journals in NCBI Databases](#)

[Clinical Trials](#)

[E-Utilities](#)

[LinkOut](#)

You are here: [NCBI](#) > [Literature](#) > [PubMed](#)

[Write to the Help Desk](#)

GETTING STARTED

[NCBI Education](#)

[NCBI Help Manual](#)

[NCBI Handbook](#)

RESOURCES

[Chemicals & Bioassays](#)

[Data & Software](#)

[DNA & RNA](#)

POPULAR

[PubMed](#)

[Bookshelf](#)

[PubMed Central](#)

FEATURED

[Genetic Testing Registry](#)

[PubMed Health](#)

[GenBank](#)

NCBI INFORMATION

[About NCBI](#)

[Research at NCBI](#)

[NCBI News](#)

Web Images More...

Google

spinal cord injury in Pakistan



Scholar

About 6,820 results (0.02 sec)

Articles

Case law

My library

Any time

Since 2014

Since 2013

Since 2010

Custom range...

Sort by relevance

Sort by date

☒ include patents

☒ include citations

☒ Create alert

[Spinal cord injury management and rehabilitation: highlights and shortcomings from the 2005 earthquake in Pakistan](#)

[PDF] from isprm.org

[FA Rathore](#), [F Farooq](#), [S Muzammil](#), [PW New](#)... - Archives of physical ..., 2008 - Elsevier
Rathore FA, Farooq F, Muzammil S, New PW, Ahmad N, Haig AJ. **Spinal cord injury** management and rehabilitation: highlights and shortcomings from the 2005 earthquake in **Pakistan**. Recent natural disasters have highlighted the lack of planning for rehabilitation ...
Cited by 20 Related articles All 10 versions Cite Saved

[Epidemiology of spinal cord injuries in the 2005 Pakistan earthquake](#)

[HTML] from nature.com

[MFA Rathore](#), [P Rashid](#), [AW Butt](#), [AA Malik](#), [ZA Gill](#)... - **Spinal Cord**, 2007 - nature.com
Of an estimated 650–750 **spinal cord injuries**, 187 were admitted to these centers, including 80 men and 107 women with a mean age of 28.3 12.4 years. **Injuries** occurred while standing in 57.8% of patients. Most (83.4%) who reached the **spinal cord** center were airlifted. A ...
Cited by 54 Related articles All 9 versions Cite Saved

[Longitudinal study of bone mineral content in the lumbar spine, the forearm and the lower extremities after spinal cord injury](#)

[F BIERING-SØRENSEN](#), [HH Bohr](#)... - European journal of ..., 1990 - Wiley Online Library
... the present study has been to measure longitudinally the BMC in the lumbar **spine**, the lower ...
Patients Six men and two women with **spinal** fractures and **spinal cord injuries** were investigated from 9 ... 1 gives gender, age at **injury**, cause of **injury**, treatment of the **spinal** fracture, and ...
Cited by 238 Related articles All 3 versions Cite Save

[\[HTML\] Complications in patients with spinal cord injuries sustained in an earthquake in Northern Pakistan](#)

[HTML] from nih.gov



PMC

Journal List Limits Advanced

Search

Help



PMC

PMC is a free full-text archive of biomedical and life sciences journal literature at the U.S. National Institutes of Health's National Library of Medicine (NIH/NLM).

PubReader

A whole new way to read scientific literature at PubMed Central



Get Started

[PMC Overview](#)
[Users' Guide](#)
[Journal List](#)
[PMC FAQs](#)
[PMC Copyright Notice](#)

Other Resources

[PMC International](#)
[Open Access Subset](#)
[E-utilities](#)
[NLM LitArch](#)
[PMC Citation Search](#)

Participate

[Add a Journal to PMC](#)
[Participation Agreements](#)
[File Submission Specifications](#)
[File Validation Tools](#)

Keep Up to Date

[New in PMC](#) 
[PMC Announce Mail List](#)
[Utilities Announce Mail List](#)
[Tagging Guidelines Mail List](#)

3 MILLION Articles

are archived in PMC.

Content provided in part by:

1441

Full Participation
Journals

277

NIH Portfolio
Journals

2471

Selective Deposit
Journals

NIH Public Access

[NIH Public Access and PMC](#)
[NIH Manuscript Submission System](#)
[My Bibliography](#)
[PMCID/PMID/NIHMSID Converter](#)

www.sciencedirect.com

AppsImported From Goo...Save to MendeleyInboxTinyURL.com - shor...Google MapsGoogle+Home - YIFY TorrentsOpen Access ButtonTED: Ideas worth spr...some more thoug

JournalsBooksShopping cartHelp

Search all fields

Author name

Journal or book title

Volume

Issue

Page

Advanced search

ScienceDirect

is a leading full-text scientific database offering journal articles and book chapters from more than 2,500 journals and almost 20,000 books.

12,360,691
articles on ScienceDirect

Browse publications by subject

Physical Sciences and Engineering

Chemical Engineering

Chemistry

Computer Science

Earth and Planetary Sciences

Energy

Engineering

Materials Science

Mathematics

Physics and Astronomy

Life Sciences

Agricultural and Biological Sciences

Biochemistry, Genetics and Molecular Biology

Environmental Science

Immunology and Microbiology

Neuroscience

Health Sciences

Medicine and Dentistry

Nursing and Health Professions

Pharmacology, Toxicology and Pharmaceutical Science

Veterinary Science and Veterinary Medicine

Social Sciences and Humanities

Arts and Humanities

Business, Management and Accounting

Decision Sciences

Economics, Econometrics and Finance

Psychology

Social Sciences

Browse publications by title

A B C D E F G

H I J K L M N

O P Q R S T U

V W X Y Z 0-9

Browse all titles

Open Access

ScienceDirect's Top 25

Latest articles

Articles published in our Open Access journals are made permanently free for everyone to access immediately upon publication.

View the Open Access journal directory

View all publications with Open Access articles

Find out more about Elsevier's Open Access publishing at [www.elsevier.com/openaccess](#)

Microbial cellulases: Engineering, production and ap...
Renewable and Sustainable Energy Reviews

Quartz-tipped arrows older than 60 ka: Further use-tr...
Journal of End-to-End Testing

Inheritance of solar short- and long-lived radionuclid...
Earth and Planetary Science Letters

Coupled Fe and S isotope variations in pyrite nodule...
Earth and Planetary Science Letters

3-D CFD simulation of a vertical direct chill slab cast...

www.sciencedirect.com/science/jrnlallbooks/sub/socialscienceshumanities/a

Computer



[Change photo](#)

Farooq A Rathore [Edit](#)

Department of Rehabilitation Medicine, Combined Military Hospital, CMH

Lahore Medical College [Edit](#)

[Rehabilitation Medicine - Spinal Cord Injury](#) - [Stroke Rehabilitation](#) - [Amputee](#)

[Rehabilitation - Disability management](#) [Edit](#)

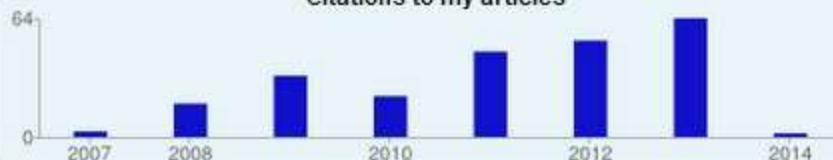
Verified email at amcolians.org [Edit](#)

My profile is public [Edit](#) [Link](#) [Homepage](#) [Edit](#)

Citation indices

	All	Since 2009
Citations	247	222
h-index	7	7
i10-index	7	7

Citations to my articles



Select: [All](#), [None](#) [Actions](#) ▼

Show: 20 ▼ 1-20 [Next >](#)

Title / Author	Cited by	Year
<input type="checkbox"/> Spinal cord injury management and rehabilitation: highlights and shortcomings from the 2005 earthquake in Pakistan FA Rathore, F Farooq, S Muzammil, PW New, N Ahmad, AJ Haig Archives of physical medicine and rehabilitation 89 (3), 579-585	56	2008
<input type="checkbox"/> Epidemiology of spinal cord injuries in the 2005 Pakistan earthquake MFA Rathore, P Rashid, AW Butt, AA Malik, ZA Gill, AJ Haig Spinal Cord 45 (10), 658-663	54	2007
<input type="checkbox"/> Traumatic Spinal Cord Injuries at a Tertiary Care Rehabilitation Institute In Pakistan MFA Rathore, S Hanif, SN Mansoor, F Farooq, N Ahmad Journal of Pakistan Medical Association 58 (2), 53-57	25	2008
<input type="checkbox"/> The prevalence of deep vein thrombosis in a cohort of patients with spinal cord injury following the Pakistan earthquake of October 2005 MFA Rathore, S Hanif, PW New, AW Butt, MH Aasi, SU Khan Spinal cord 46 (7), 523-526	22	2008
<input type="checkbox"/> Disability and health-related rehabilitation in international disaster relief JD Reinhardt, J Li, J Gosney, FA Rathore, AJ Haig, M Marx, JA DeLisa	14	2011

Google scholar

[Search Authors](#)

[My Citations](#) - [Help](#)

Follow this author

[Follow new articles](#)

[Following new citations](#)

[List my alerts](#)

Co-authors

Gholamreza Raissi

[View all co-authors](#)

☐ [Inviting co-author](#)

[Send invitation](#)

☒ journals ☒ articles[\[Advanced Search\]](#)

Welcome to the new DOAJ!

DOAJ has migrated to a new, open source platform! Take a look around; we welcome your [feedback](#).

9,744 Journals
5,673 searchable at Article level
147 Countries
1,573,847 Articles

FAQs

[Features](#)[Open Access Information](#)[Download metadata](#)[New Journals Feed](#)[Our sponsors](#)[Our members](#)[Our publisher members](#)

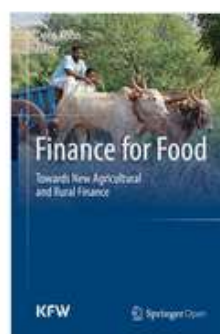


Home • Contact Us

Browse by discipline

- » Architecture & Design
- » Astronomy
- » Biomedical Sciences
- » Business & Management
- » Chemistry
- » Computer Science
- » Earth Sciences & Geography
- » Economics
- » Education & Language
- » Energy
- » Engineering
- » Environmental Sciences
- » Food Science & Nutrition
- » Law
- » Life Sciences
- » Materials

Providing researchers with access to millions of scientific documents from journals, books, series, protocols and reference works.



New books and journals are available every day.

Recent Activity

OvidMD

Putting Research into Practice

A clinician's must-have tool for quick, trusted answers to their questions based on relevant, current full-text content.

JB1

OvidSP

OvidMD

Global Reach

Resources & Training

Nursing@Ovid

Promotions

News



Journal of the Month

Molecular Oncology

Oncology

Try this notable journal today!



Resource of the Month



OvidSP

Login to Transform Research into Results



Product Spotlight



Circulation

Publishing the most important



FOR RESEARCHERS

FOR LIBRARIANS

FOR PUBLISHERS

SEARCH PUBLICATIONS

SEARCH

[more search options](#)

HighWire hosts:

1748 Journals, Books, Reference Works & other Scholarly Publications » [View All](#)

BROWSE PUBLICATIONS

With HighWire Since...



Browse by: ▶ Title ▶ Publisher ▶ Topic

ePublishing Solutions for the Scholarly Community

HIGHWIRE INNOVATION

eBooks

Supporting a wide range of scholarly publications



HighWire Mobile

Offering a comprehensive mobile strategy



Manuscript Tracking Solutions

Flexible management of the peer review process

BenchPress
HighWire

HIGHWIRE TECHNOLOGY, COMMUNITY & SERVICE

Your Brand. Our Technology.

A winning combination for your peer-reviewed publications



TECHNOLOGY

COMMUNITY

SERVICE

LEARN MORE
ABOUT HIGHWIRE
SERVICES FOR PUBLISHERS



EBSCO

Title Lists Free Trials For Publishers Select a Language



TOTAL USAGE



AVERAGE COST PER USER



AVERAGE USE PER TITLE



YEAR-TO-YEAR CHANGE



PACKAGE USE COMPARISON



% OF TITLES WITH USAGE

Collect and evaluate usage data *effortlessly*.

Watch Video

EBSCOhost databases and discovery technologies are the most-used, premium online information resources for tens of thousands of institutions worldwide, representing millions of end-users



Additional EBSCO Products & Services:



EBSCO Discovery Service



eBooks



DynaMed



Wilson

EBSCO

About EBSCO

Contact Us




Careers

Support & Training

Newsroom

Where to search? --- Regional data bases

- ◎ [AJOL](#)
- ◎ [Pakmedinet](#)
- ◎ [Bangladesh JOL](#)
- ◎ [Medindia](#)
- ◎ [Bioline](#)



Featured Country: Kenya

Featured Journal: East African Medical Journal

PROMOTING ACCESS TO AFRICAN RESEARCH

AJOLJOURNALSADVANCED SEARCHAJOL NEWSFAQ'SREGISTER

Username: farooqrathorePassword: *****
☐ Remember me
[Login](#) or [Register](#)

[Find Journals on AJOL](#)
HOW TO USE AJOL...

- [for Researchers](#)
- [for Librarians](#)
- [for Authors](#)

OTHER RESOURCES...

- [for Researchers](#)
- [for Journals](#)
- [about Open Access](#)

FAQ's
[AJOL jobs](#)
[More about AJOL](#)
[AJOL'S Partners](#)
[Contact AJOL](#)
[Terms and Conditions of Use](#)

Home > African Journals Online (AJOL)

African Journals Online (AJOL)

African Journals OnLine (AJOL) is the world's largest and pre-eminent collection of peer-reviewed, African-published scholarly journals.

Historically, scholarly information has flowed from North to South and from West to East. It has also been difficult for African researchers to access the work of other African academics.

In partnership with hundreds of journals from all over the continent, AJOL works to change this, so that African-origin research output is available to Africans and to the rest of the world.

AJOL is a Non-Profit Organisation based in South Africa.


[More about AJOL and the challenges we work to address](#)

Use AJOL To:

- [Browse peer-reviewed journals from Africa](#)
- [Download full text articles from journal homepages](#)
- [Search for an article by title, author/s or keywords](#)

Hosted By AJOL:

Journals:	468
Issues:	8136
Abstracts:	92437



Computer >> << <<< >>> >>>>



Search

Google™
Custom Search

Follow Us On :



Medindia » Open Access Journals

Open Access Health Journals

List of **2252 health journals** with full access to their articles that can be viewed and accessed without any cost.

If you wish to add a new journal to this list please [click here](#)

+ Share This



Open Access Journals >>

- Health Sciences
 - Dentistry (99)
 - Medicine (932)
 - Nursing (27)
 - Public Health (117)
- Biology and Life Sciences
 - Biology (362)
 - Life Sciences (56)
- Social Sciences
 - Education (263)
 - Gender Studies (21)
 - Psychology (103)
 - Social Sciences (178)
 - Sociology (94)

Add Journal

Bangladesh Journals Online

Bangladesh Journals Online

New Journals:

[Islami Bank Medical College Journal](#) joined on 12/12/2013

New Issues:

[Microbes and Health](#) Vol.2(1) 24/02/2014

[Journal of Enam Medical College](#) Vol.4(1) 23/02/2014

[Bangladesh Journal of Botany](#) Vol.42(2) 19/02/2014

[Bangladesh Journal of Dental Research & Education](#) Vol.4(1) 18/02/2014

BanglaJOL [Newsletter No.8](#) now available.

There are now 124 journals on BanglaJOL with 907 Tables of Contents listing 12,006 articles. 11,072 of the articles are available in full text (PDF).

Browse all journals

[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#) [All](#)



[Anwer Khan Modern Medical College Journal](#)

The Official journal of the Anwer Khan Modern Medical College & Hospital. Full text articles available.

Cover AFJ



[Arts Faculty Journal](#)

Published by the Arts Faculty, University of Dhaka. Full text articles available.



Part of the [JOL Project](#)
Supported by [INASP](#)

Bangladesh Journals OnLine (BanglaJOL) is a service to provide access to Bangladesh published research, and increase worldwide knowledge of indigenous scholarship. [Read more.](#)

Log in

Username

Password

☐ Remember me

[Log In](#)

Search Journal Content

All

[Search](#)

Font Size



[Top Discussions](#) · [Research Guidelines](#) · [CPSP Dissertation](#) · [Research Synopsis](#) · [Member Services](#) · [Become our Member](#) · [Log In](#)

Search Medical Journals of Pakistan

Keyword:

Search

[Advance Search / HELP](#) · [Keywords Index](#) · [Journals Index](#) · [Authors Index](#)

Pakistan's First Online Database of Pakistani Medical Journals.

Statistics: Total Articles: 20850, Total Journals: 75, Total Issues: 1522

Search Drug Index of Pakistan

Drug Name:

in:

Generic & Trade Names ▼

Go

[Generic Names](#) · [Trade Names](#) · [Therapeutic Classification](#) · [Pharma Companies](#)

Pakistan's First Drug Index. To access on Mobile Phone (WAP), visit www.pakmedinet.com/wap

Statistics: Total Generic Names: 1070, Total Brand Names: 9192, Total Pharma Companies: 382

Jump to Journals Page:

List of Journals ▼

- » [View / Submit Research Synopsis](#)
- » [Newly Indexed Articles](#)
- » [Discussions on Published Articles](#)
- » [PMDc Journal Publication Info](#)

YOUR VIEWS

CLICK HERE !

**Need help on your
Research Proposals?**

Top Discussion Topics:

Select ----- ▼

[About Us](#) · [Feedback and Contact Us](#) · [Contributors](#) · [Terms & Conditions](#)

Current internet technology is not sufficiently reliable to deliver information for use in clinically critical situations. Users should not therefore rely on the availability of PakMediNet Drug Index to make individual treatment decisions.

Optimized for Internet Explorer 5 or above

© All rights reserved and Copy right protected. No Part of Website is allowed to be copied without prior permission. Hosted by [PakCyber \(R\)](#)

Literature search Techniques

Keywords

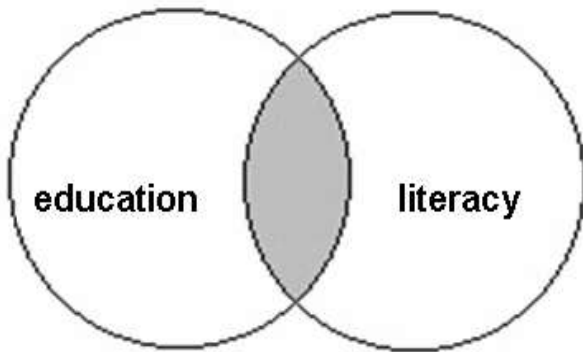
- ◎ **Synonyms** (demographics & epidemiology ; stroke & Stroke (CVA); head injury & traumatic brain injury; tetraplegia & Quadriplegia)
- ◎ **Acronyms** (AMI; BKA; TBI; SCI; TB)
- ◎ **Alternative spellings**
 - Hemorrhage – Haemorrhage
 - Ischemia --- Ischaemia
 - Pediatric --- Paediatric
 - Guillain-Barre Syndrome --- Guillian-Barre Syndrome

Literature search Techniques

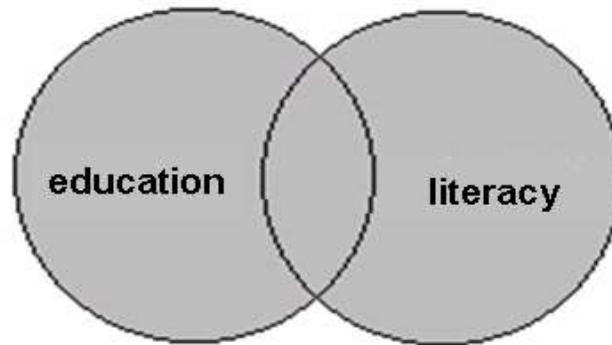
- ⦿ Boolean operators
- ⦿ Snowballing technique --checking the reference lists of journal articles
- ⦿ Phrase searching
- ⦿ Following a search ---Alerts

Boolean Operators

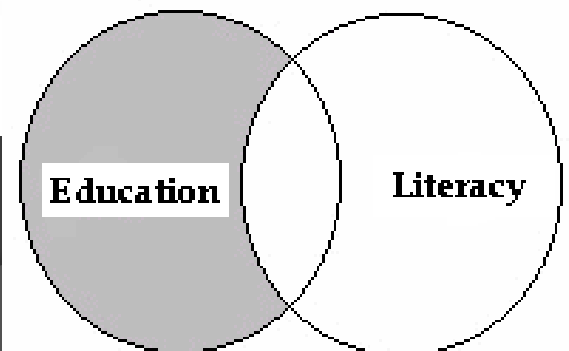
AND



OR



NOT



Literature search Techniques

- ⦿ Boolean operators
- ⦿ Snowballing technique --checking the reference lists of journal articles
- ⦿ Phrase searching
- ⦿ Following a search ---Alerts

How to access full text of
articles?

How to access full text of articles?

Medline Limits

Google scholar

HEC digital library access

Reprint request to author

Personal subscription/ Pay per view

How to access full text of articles?

College/University library

Society membership

Trial access Promotional offers

Friends/Colleagues abroad

Request to PASTIC



Home	About PASTIC	Services	Publications	Online Resources	Tenders	Workshops and Seminars	TIS	Contact
----------------------	------------------------------	--------------------------	------------------------------	----------------------------------	-------------------------	--	---------------------	-------------------------

Mission

To serve as an Information Provider for Research & Development enhancing access to and delivery of information by catering to the information needs of Researchers, Entrepreneurs, Industry, Educationists, Policy Makers and Planners through anticipatory and responsive Information Services.

Quality Policy

Implementation of quality in services and activities and continues commitment towards client satisfaction.

PASTIC Sub-Centres

[FAISALABAD](#)[KARACHI](#)[LAHORE](#)[PESHAWAR](#)[QUETTA](#)[MUZAFFARABAD](#)

Lahore Sub Center

Mr. Ali Raza Khan
Deputy Director (STI)
PCSIR Laboratories Complex,
Ferozepur Road, Lahore
Tel: 042-99230732
Fax: 042-99230732

E-mail: pasticlhr@gmail.com & pasticlh@hotmail.com

Some practical tips

- ⦿ Polish you computer and Internet browsing skills
- ⦿ Computer, DSL and Printer
- ⦿ Plan for your literature search and spare some time.
- ⦿ Prepare a list of Key words
- ⦿ Team work
- ⦿ PubMed tutorials

Questions? Comments? Additions?

