

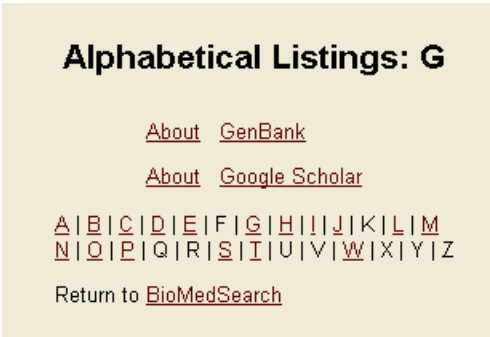


UNIVERSITY OF MINNESOTA  
**LIBRARIES**  
 Bio-Medical Library

# GOOGLE SCHOLAR

For the best results, search Google Scholar from either the Bio-Medical Library web page via **BioMedSearch** or the University Libraries web page via Indexes and Databases A-Z (click on “G”). The Google Scholar link there is passed through a proxy server, so that, where possible, you will be able to get into electronic journal content subscribed to by the U Libraries.

1. From the Bio-Medical Library homepage ([www.biomed.lib.umn.edu](http://www.biomed.lib.umn.edu)), click on **BioMedSearch**. Next click on **G** for Google in the alphabetic list. Then click on **Google Scholar**. If you are coming from outside the University, you will be asked for the U of M Internet ID and password.



Click on “Scholar Preferences”.

- Choose how many results you would like to appear on the page
- Whether or not you want your search results to open in a new window
- Check to make sure the University of Minnesota box is checked for Institutional Access (or search for it using the search box). This activates the U of M **FindIt** button.

- [FindIt@U of M Twin Cities](mailto:FindIt@UofMTwinCities)

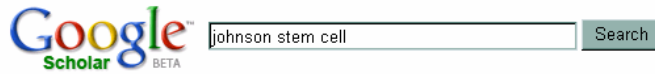
- Save your preferences.

Scholar Preferences	
<b>Number of Results</b>	Google's default (10 results) provides the fastest results. Display <input type="text" value="10"/> results per page.
<b>Results Window</b>	<input type="checkbox"/> Open search results in a new browser window.
<b>Institutional Access</b>	<input type="text"/> <input type="button" value="Find Institution"/> <small>e.g., Harvard</small> Show institutional access links for (choose up to three institutions): <input checked="" type="checkbox"/> University of Minnesota (FindIt@U of M Twin Cities) <small>Institutional access is usually restricted to students, faculty, and staff of the respective institutions. You may be required to login with your library password, use a campus computer, or configure your browser to use a library proxy. Please visit your library's website or ask a local librarian for assistance.</small>
<input type="button" value="Save your preferences when finished and return to search."/> <input type="button" value="Save Preferences"/>	

2. All of the search tips used for effectively searching Google can be used to search Google Scholar – Boolean logic (AND / OR / NOT), phrase searching, synonyms (~), word order and wild cards. Google Scholar also has its own set of “operators” to help with fine-tuning a search:

□ Author searching

- Simple author search – just type in the last name of the author with a word or subject term – *johnson stem cell*
- Known author search with full name / last name and initials. Put the author’s name in quotes – *“rj Johnson”*



Scholar

[Primary structure and functional expression of rat and human stem cell factor DNAs](#)  
 ... , NC Birkett, KA Smith, MJ **Johnson**, VP Parker, JC ... - Cited by 107 - Web Search  
 Primary structure and functional expression of rat and human **stem cell** factor DNAs. Martin FH, Suggs SV, Langley KE, Lu HS, Ting ...  
 Cell, 1990 - ncbi.nlm.nih.gov - ncbi.nlm.nih.gov

[Stem cell factor enhances the survival but not the self-renewal of murine hematopoietic long](#)  
 CL Li, GR **Johnson** - Cited by 44 - Web Search  
 ... page D. Metcalf Murine hematopoietic **stem** cells committed to macrophage/dendritic **cell** formation: Stimulation ... EJ Rasko, NA Nicola, GR **Johnson**, and D ...  
 Blood, 1994 - bloodjournal.org - ncbi.nlm.nih.gov

[Role of stem cell migration in initiation of mouse foetal liver haemopoiesis](#)  
 GR **Johnson**, MA Moore - Cited by 40 - Web Search  
 Role of **stem cell** migration in initiation of mouse foetal liver haemopoiesis.  
**Johnson** GR, Moore MA. MeSH Terms: Animals; Cell Differentiation; ...  
 Nature, 1975 - ncbi.nlm.nih.gov



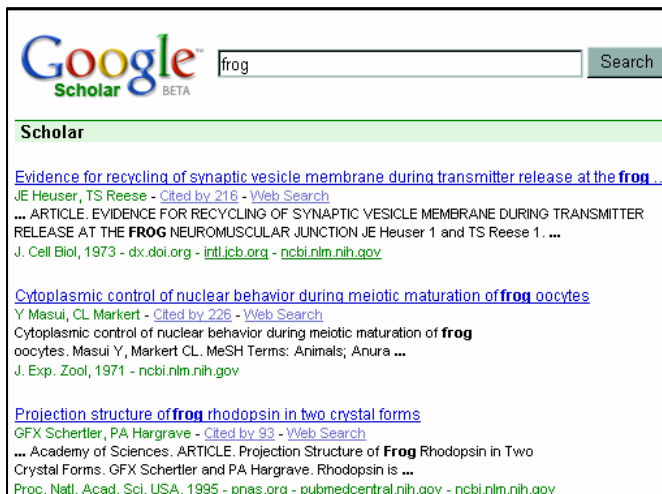
Scholar

[Renal injury from angiotensin II-mediated hypertension](#)  
 RJ **Johnson**, CE Alpers, A Yoshimura, D Lombardi, P ... - Cited by 138 - Web Search  
 Angiotensin II (Ang II)-mediated hypertension induces vascular smooth muscle cell hypertrophy and hyperplasia in systemic blood vessels, but the effects ...  
 Hypertension, 1992 - hyper.ahajournals.org - ncbi.nlm.nih.gov

[Membranoproliferative glomerulonephritis associated with hepatitis C virus infection](#)  
 RJ **Johnson**, DR Gretsch, H Yamabe, J Hart, CE Bacchi ... - Cited by 126 - Web Search  
 Results All eight patients had proteinuria, and seven had decreased renal function. Renal biopsy in all patients revealed membranoproliferative ...  
 N Engl J Med, 1993 - dx.doi.org - content.nejm.org - ncbi.nlm.nih.gov

[Mesangial cell apoptosis: The major mechanism for resolution of glomerular hypercellularity in ...](#)  
 ... Baker, A Mooney, J Hughes, D Lombardi, RJ **Johnson** ... - Cited by 125 - Web Search  
 Increases in mesangial cell number may herald glomerular scarring, but they are not irreversible. This study sought mechanisms by which surplus glomerular ...  
 J Clin Invest, 1994 - pubmedcentral.nih.gov - ncbi.nlm.nih.gov

➤ If the author’s name is considered a common noun, you will need to use the “author” operator. The “author” operator only affects the term that comes immediately after it, and there is no space between the word “author” and the search term – *author:frog*



Scholar

[Evidence for recycling of synaptic vesicle membrane during transmitter release at the frog ...](#)  
 JE Heuser, TS Reese - Cited by 216 - Web Search  
 ... ARTICLE. EVIDENCE FOR RECYCLING OF SYNAPTIC VESICLE MEMBRANE DURING TRANSMITTER RELEASE AT THE **FROG** NEUROMUSCULAR JUNCTION JE Heuser 1 and TS Reese 1. ...  
 J. Cell Biol, 1973 - dx.doi.org - intl.icb.org - ncbi.nlm.nih.gov

[Cytoplasmic control of nuclear behavior during meiotic maturation of frog oocytes](#)  
 Y Masui, CL Markert - Cited by 226 - Web Search  
 Cytoplasmic control of nuclear behavior during meiotic maturation of **frog** oocytes. Masui Y, Markert CL. MeSH Terms: Animals; Anura ...  
 J. Exp. Zool, 1971 - ncbi.nlm.nih.gov

[Projection structure of frog rhodopsin in two crystal forms](#)  
 GFX Schertler, PA Hargrave - Cited by 93 - Web Search  
 ... Academy of Sciences. ARTICLE. Projection Structure of **Frog** Rhodopsin in Two Crystal Forms. GFX Schertler and PA Hargrave. Rhodopsin is ...  
 Proc. Natl. Acad. Sci. USA, 1995 - pnas.org - pubmedcentral.nih.gov - ncbi.nlm.nih.gov



Scholar

[Relative Number of Cells Projecting From Contralateral and Ipsilateral Nucleus Isthmi to Loci in the ...](#)  
 L **Frog** - Cited by 4 - Web Search  
 Page 1. Relative Number of Cells Projecting From Contralateral and Ipsilateral Nucleus Isthmi to Loci in the Optic Tectum Is Dependent on Visuotopic Location: ...  
 THE JOURNAL OF COMPARATIVE NEUROLOGY, 1999 - doi.wiley.com - doi.wiley.com - ncbi.nlm.nih.gov

[CITATION] A Novel (Dunvegan, ON: Cormorant, 1994)  
 F Moon - Cited by 2 - Web Search

[CITATION] Cyclical Properties of Models: A Bayesian approach  
 C Hong, **FROG** Rates - Cited by 2 - Web Search  
 Ph. D. thesis, Department of Economics, University of ...

[CITATION] Available at http://www.hungryfrog.com/java/javamath.htm  
 HFJA Games - Cited by 1 - Web Search

[CITATION] Rana Pipiens, 2002  
 NL **Frog** - Cited by 1 - Web Search

[CITATION] Dial Press  
 WAY **Frog**, N York - Cited by 1 - Web Search

- If you want articles about a subject, but do not want to retrieve articles where the subject term could also be a person's name, then use the " - " (minus sign) to exclude that term in conjunction with the "author" operator – *pepper -author:pepper*



**Scholar**

[BOOK] Electronic Transport in Mesoscopic Systems  
S Datta, H Ahmed, M **Pepper**, A Broers - Cited by 651 - [Library Search](#) - [Web Search](#)  
Cambridge Studies in Semiconductor Physics and ..., 1995

[CITATION] Realization of a resistance standard based on fundamental constants  
K von Klitzing, G Dorda, M **Pepper** - Cited by 536 - [Web Search](#)  
Phys. Rev. Lett, 1980

[New method for high accuracy determination of the fine structure constant based on quantiz](#)  
K Klitzing, G Dorda, M **Pepper** - Cited by 222 - [Web Search](#)  
Measurements of the Hall voltage of a two-dimensional electron gas, realized with a silicon metal-oxide-semiconductor field-effect transistor, show that ...  
Phys. Rev. Lett, 1980 - [link.aps.org](#) - [adsabs.harvard.edu](#)

[Genistein, a dietary-derived inhibitor of in vitro angiogenesis](#)  
T Fotsis, M **Pepper**, H Adlercreutz, G Fleischmann, ... - Cited by 186 - [Web Search](#)  
Consumption of a plant-based diet can prevent the development and progression of chronic diseases that are associated with extensive neovascularization, ...  
Proc Natl Acad Sci USA, 1993 - [pubmedcentral.nih.gov](#) - [ncbi.nlm.nih.gov](#)



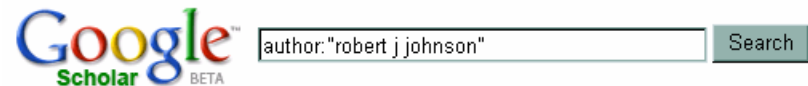
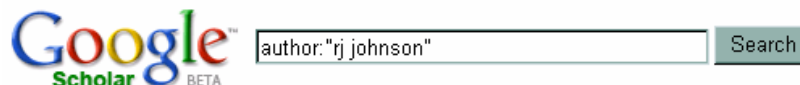
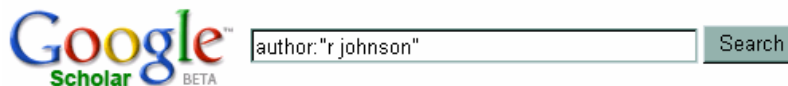
**Scholar**

[Conservation of gene repertoire but not gene order in pepper and tomato](#)  
SD Tanksley, R Bernatzky, NL Lapitan, JP Prince - Cited by 52 - [Web Search](#)  
Proc Natl Acad Sci US A. 1988 September; 85 (17): 6419-6423 Conservation of gene repertoire but not gene order in **pepper** and tomato. ...  
Proc. Natl. Acad. Sci. USA, 1988 - [pubmedcentral.nih.gov](#)

[Expression of the Bs2 pepper gene confers resistance to bacterial spot disease in tomato](#)  
TH Tai, D Dahlbeck, ET Clark, P Gajiwala, R Paslon ... - Cited by 50 - [Web Search](#)  
... Proc Natl Acad Sci US A. 1999 November 23; 96 (24): 14153-14158 Plant Biology Expression of the Bs2 **pepper** gene confers resistance to bacterial spot disease in ...  
Proc. Natl. Acad. Sci. USA, 1999 - [pubmedcentral.nih.gov](#) - [pnas.org](#) - [pnas.org](#) - [ncbi.nlm.nih.gov](#)

[Dedicated roles of plastid transketolases during the early onset of isoprenoid biogenesis in pepper](#) ...  
F Bouvier, A d'Harlingue, C Suires, RA Backhaus, B ... - Cited by 52 - [Web Search](#)  
... 1998 August; 117 (4): 1423-1431 Dedicated Roles of Plastid Transketolases during the Early Onset of Isoprenoid Biogenesis in **Pepper** Fruits 1. ...  
Plant Physiol, 1998 - [pubmedcentral.nih.gov](#) - [ncbi.nlm.nih.gov](#)

- You can also use the "author" operator with the author's name in quotes to further focus the search.



- As with Google, you can use the query operators in Google Scholar.

- "intitle:" – use this when you want to restrict the term you are searching for to appear only in the title of the article or document.
- "+" operator makes sure that common terms, letters or numbers are included in your search. (+a)
- "-" operator removes or excludes terms from your search
- Phrase searching ("hepatitis a")

Google Scholar BETA Search [Advanced Scholar Search](#) [Scholar Preferences](#) [Scholar Help](#)

**Scholar** Results 1 - 10

[CITATION] BHS-The „Broken Heart Syndrom " ethological aspects of lovesickness  
M Bechinie - Cited by 2 - [Web Search](#)  
Diplomarbeit an der Universitaet Wien, 1998

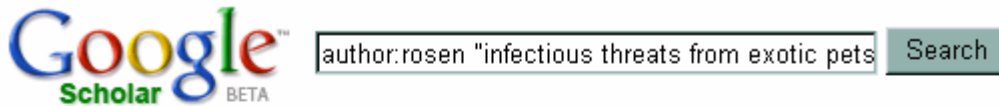
[Genetics, Engineering a broken heart](#)  
PJ Scambler - Cited by 1 - [Web Search](#)  
... a **broken heart**. Scambler PJ. Publication Types: Comment; News. MeSH Terms: Animals; Chromosome Deletion; Chromosomes, Human, Pair 22; DiGeorge **Syndrome**/embryology ...  
Nature, 1999 - [ncbi.nlm.nih.gov](#)

[Dying of a broken heart: ethics and law in a case of hypoplastic left heart syndrome.](#)  
CK Pager... - [Web Search](#)  
Dying of a **broken heart**: ethics and law in a case of hypoplastic left **heart syndrome**. Pager CK. Royal Prince Alfred Hospital, Sydney, Australia. ...  
Journal of Perinatology, 2000 - [ncbi.nlm.nih.gov](#)

[Nursing care study: the 'broken heart syndrome' and the elderly patient.](#)  
C Pike - [Web Search](#)  
Nursing care study: the '**broken heart syndrome**' and the elderly patient. Pike C. Publication Types: Case Reports. MeSH Terms: Aged; ...  
[ncbi.nlm.nih.gov](#)

You can combine any of these operators to look for very specific articles.

Ex: author:rosen "infectious threats from exotic pets"



**Scholar**

Results

**Tip:** Try removing quotes from your search to get more results.

[Infectious threats from exotic pets: dermatological implications.](#)

T Rosen, J Jablon - [FindIt @ Harvard](#) - [Web Search](#)

**Infectious threats from exotic pets:** dermatological implications. Rosen

T, Jablon J. Department of Dermatology, Baylor College of ...

[Dermatol Clin, 2003 - ncbi.nlm.nih.gov](#)

- The Advanced Scholar Search page allows you to restrict by publication, date and subject area.

**Find articles**

with **all** of the words

with the **exact phrase**

with **at least one** of the words

**without** the words

where my words occur

anywhere in the article

**Author** Return articles written by

e.g., "PJ Hayes" or McCarthy

**Publication** Return articles published in

e.g., J Biol Chem or Nature

**Date** Return articles published between

and

e.g., 1996

**Subject Areas**

Return articles in all subject areas.

Return only articles in the following subject areas:

- Biology, Life Sciences, and Environmental Science
- Business, Administration, Finance, and Economics
- Chemistry and Materials Science
- Engineering, Computer Science, and Mathematics
- Medicine, Pharmacology, and Veterinary Science
- Physics, Astronomy, and Planetary Science
- Social Sciences, Arts, and Humanities

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