Pretraživanje literature

(sistematski pregled literature i metaanaliza)

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Sistematski pregled literature i metaanaliza

- **Sistematski pregled literature** je sistematska i strukturisana analiza rezultata i zaključaka objavljenih u naučnim publikacijama o određenoj temi / naučnom problemu.
- **Metaanaliza** je statistička analiza numeričkih podataka objavljenih u naučnim publikacijama o određenoj temi / naučnom problemu. Metaanaliza može biti sastavni deo sistematskog pregleda literature.

Uman, L. S. (2011). Systematic Reviews and Meta-Analyses. *Journal of the Canadian Academy of Child and Adolescent Psychiatry*, *20*(1), 57–59. PMID: 21286370

Uputstva

- Preferred Reporting Items for Systematic Reviews and Meta-Analyses (PRISMA) Checklist (http://www.prisma-statement.org/PRISMAStatement/Checklist.aspx)
- Cochrane Handbook for Systematic Reviews of Interventions (https://training.cochrane.org/handbook)
- Cochrane Handbook for Systematic Reviews of Diagnostic Test Accuracy (https://training.cochrane.org/resource/cochrane-handbook-systematic-reviews-diagnostic-test-accuracy)

PRISMA 2009 Checklist

Section/topic	#	Checklist item	Reported on page #
TITLE			
Title	1	Identify the report as a systematic review, meta-analysis, or both.	
ABSTRACT			
Structured summary	2	Provide a structured summary including, as applicable: background; objectives; data sources; study eligibility criteria, participants, and interventions; study appraisal and synthesis methods; results; limitations; conclusions and implications of key findings; systematic review registration number.	
INTRODUCTION			
Rationale	3	Describe the rationale for the review in the context of what is already known.	
Objectives	4	Provide an explicit statement of questions being addressed with reference to participants, interventions, comparisons, outcomes, and study design (PICOS).	
METHODS			
Protocol and registration	5	Indicate if a review protocol exists, if and where it can be accessed (e.g., Web address), and, if available, provide registration information including registration number.	
Eligibility criteria	6	Specify study characteristics (e.g., PICOS, length of follow-up) and report characteristics (e.g., years considered, language, publication status) used as criteria for eligibility, giving rationale.	
Information sources	7	Describe all information sources (e.g., databases with dates of coverage, contact with study authors to identify additional studies) in the search and date last searched.	
Search	8	Present full electronic search strategy for at least one database, including any limits used, such that it could be repeated.	
Study selection	9	State the process for selecting studies (i.e., screening, eligibility, included in systematic review, and, if applicable, included in the meta-analysis).	
Data collection process	10	Describe method of data extraction from reports (e.g., piloted forms, independently, in duplicate) and any processes for obtaining and confirming data from investigators.	
Data items	11	List and define all variables for which data were sought (e.g., PICOS, funding sources) and any assumptions and simplifications made.	
Risk of bias in individual studies	12	Describe methods used for assessing risk of bias of individual studies (including specification of whether this was done at the study or outcome level), and how this information is to be used in any data synthesis.	
Summary measures	13	State the principal summary measures (e.g., risk ratio, difference in means).	
Synthesis of results	14	Describe the methods of handling data and combining results of studies, if done, including measures of consistency (e.g., I^2) for each meta-analysis.	

PRISMA 2009 Checklist

Section/topic	#	Checklist item	Reported on page #
Risk of bias across studies	15	Specify any assessment of risk of bias that may affect the cumulative evidence (e.g., publication bias, selective reporting within studies).	
Additional analyses	16	Describe methods of additional analyses (e.g., sensitivity or subgroup analyses, meta-regression), if done, indicating which were pre-specified.	
RESULTS			
Study selection	17	Give numbers of studies screened, assessed for eligibility, and included in the review, with reasons for exclusions at each stage, ideally with a flow diagram.	
Study characteristics	18	For each study, present characteristics for which data were extracted (e.g., study size, PICOS, follow-up period) and provide the citations.	
Risk of bias within studies	19	Present data on risk of bias of each study and, if available, any outcome level assessment (see item 12).	
Results of individual studies	20	For all outcomes considered (benefits or harms), present, for each study: (a) simple summary data for each intervention group (b) effect estimates and confidence intervals, ideally with a forest plot.	
Synthesis of results	21	Present results of each meta-analysis done, including confidence intervals and measures of consistency.	
Risk of bias across studies	22	Present results of any assessment of risk of bias across studies (see Item 15).	
Additional analysis	23	Give results of additional analyses, if done (e.g., sensitivity or subgroup analyses, meta-regression [see Item 16]).	
DISCUSSION			
Summary of evidence	24	Summarize the main findings including the strength of evidence for each main outcome; consider their relevance to key groups (e.g., healthcare providers, users, and policy makers).	
Limitations	25	Discuss limitations at study and outcome level (e.g., risk of bias), and at review-level (e.g., incomplete retrieval of identified research, reporting bias).	
Conclusions	26	Provide a general interpretation of the results in the context of other evidence, and implications for future research.	
FUNDING			
Funding	27	Describe sources of funding for the systematic review and other support (e.g., supply of data); role of funders for the systematic review.	

From: Moher D, Liberati A, Tetzlaff J, Altman DG, The PRISMA Group (2009). Preferred Reporting Items for Systematic Reviews and Meta-Analyses: The PRISMA Statement. PLoS Med 6(7): e1000097. doi:10.1371/journal.pmed1000097

For more information, visit: www.prisma-statement.org.

Pretraživanje: izvori informacija

- Bibliografske baze podataka (PubMed, WoS, Scopus itd.)
- Tematske baze podataka (Embase, Cochrane Library)
- Klinička ispitivanja (Cochrane Central Register of Controlled Trials, baze podataka po oblastima i temama)
- Pojedinačni časopisi
- Pregledni radovi
- Siva literatura
- Ponekad i Google Scholar

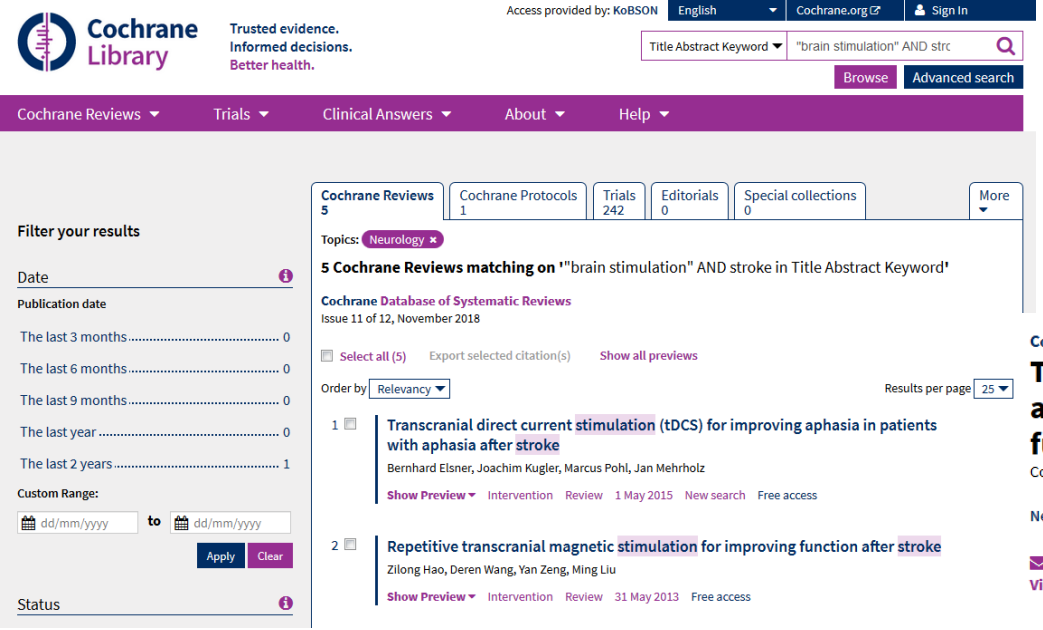
Pretraživanje literature: problemi

- Pristup određenim izvorima
- Definisanje upita za pretraživanje:
    - definisanje skupa svih relevantnih termina;
    - nedovoljno poznavanje tehnika pretraživanja;
    - nedovoljno poznavanje strukture metapodataka i principa rada pojedinih baza podataka;
    - neadekvatni moduli za pretraživanje u pojedinim elektronskim izvorima.

Definisanje skupa relevantnih termina

Preliminarna pretraživanja izvora:

- Pronađite postojeće pregledne radove i pažljivim čitanjem pokušajte da prepoznate i izdvojite koncepte, termine i sinonime.
- Koristite kontrolisane rečnike (https://meshb-prev.nlm.nih.gov/search).
- Koristite ključne reči izdvojene iz bibliografskih baza podataka (Scopus) ili sugerisane termine za pretraživanje (Google Scholar).



https://www.cochranelibrary.com/cdsr/reviews

Cochrane Database of Systematic Reviews

Transcranial direct current stimulation (tDCS) for improving activities of daily living, and physical and cognitive functioning, in people after stroke

Cochrane Systematic Review - **Intervention** | Version published: 21 March 2016 see what's new

New search | Conclusions changed | View article information

Bernhard Elsner | Joachim Kugler | Marcus Pohl | Jan Mehrholz
View authors' declarations of interest

Abstract *available in* English | 日本語

Search methods

We searched the Cochrane Stroke Group Trials Register (April 2012), the Cochrane Central Register of Controlled Trials (CENTRAL) (*The Cochrane Library* 2012, Issue 4), the Chinese Stroke Trials Register (April 2012), MEDLINE (1950 to May 2012), EMBASE (1980 to May 2012), Science Citation Index (1981 to April 2012), Conference Proceedings Citation Index-Science (1990 to April 2012), CINAHL (1982 to May 2012), AMED (1985 to May 2012), PEDro (April 2012), REHABDATA (April 2012) and CIRRIE Database of International Rehabilitation Research (April 2012). In addition, we searched five Chinese databases, ongoing trials registers and relevant reference lists.

Background

Stroke is one of the leading causes of disability worldwide. Functional impairment, resulting in poor performance in activities of daily living (ADLs) among stroke survivors is common. Current rehabilitation approaches have limited effectiveness in improving ADL performance, function, muscle strength and cognitive abilities (including spatial neglect) after stroke, but a possible adjunct to stroke rehabilitation might be non-invasive brain stimulation by transcranial direct current stimulation (tDCS) to modulate cortical excitability, and hence to improve ADL performance, arm and leg function, muscle strength and cognitive abilities (including spatial neglect), dropouts and adverse events in people after stroke.

Objectives

To assess the effects of tDCS on ADLs, arm and leg function, muscle strength and cognitive abilities (including spatial

Electronic searches

We searched the Cochrane Stroke Group Trials Register, which was last searched by the Managing Editor in April 20:
. In addition, and in collaboration with the Cochrane Stroke Group Trials Search Co-ordinator, we searched the following bibliographic databases:

- the Chinese Stroke Trials Register (April 2012);
- the Cochrane Central Register of ControlledTrials (CENTRAL) (*The Cochrane Library* 2012, Issue 4);
- MEDLINE (1950 to May 2012) (Appendix 1);
- EMBASE (1980 to May 2012) (Appendix 2);
- ISI Science Citation Index (1981 to April 2012);
- CINAHL (1982 to May 2012) (Appendix 3);
- AMED (the Allied and Complementary Medicine Database (1985 to May 2012) (Appendix 4);
- PEDro (Physiotherapy Evidence Database) (www.pedro.org.au/) (April 2012);
- REHABDATA (www.naric.com/research/rehab/default.cfm) (April 2012);
- CIRRIE Database of International Rehabilitation Research (http://cirrie.buffalo.edu/index.html) (April 2012);
- The China Biological Medicine Database (CBM) (1978 to April 2012);
- The Chinese National Knowledge Infrastructure (CNKI) (1979 to April 2012);
- Chinese Science and Technique Journals Database (VIP) (1989 to April 2012);
- Wanfang Data (www.wanfangdata.com/) (1984 to April 2012).

We also searched the following international trials registers in April 2012:

- ClinicalTrials.gov (www.clinicaltrials.gov/);

We developed the MEDLINE search strategy with the help of the Cochrane Stroke Group Trials Search Co-ordinator and adapted it for the other databases.

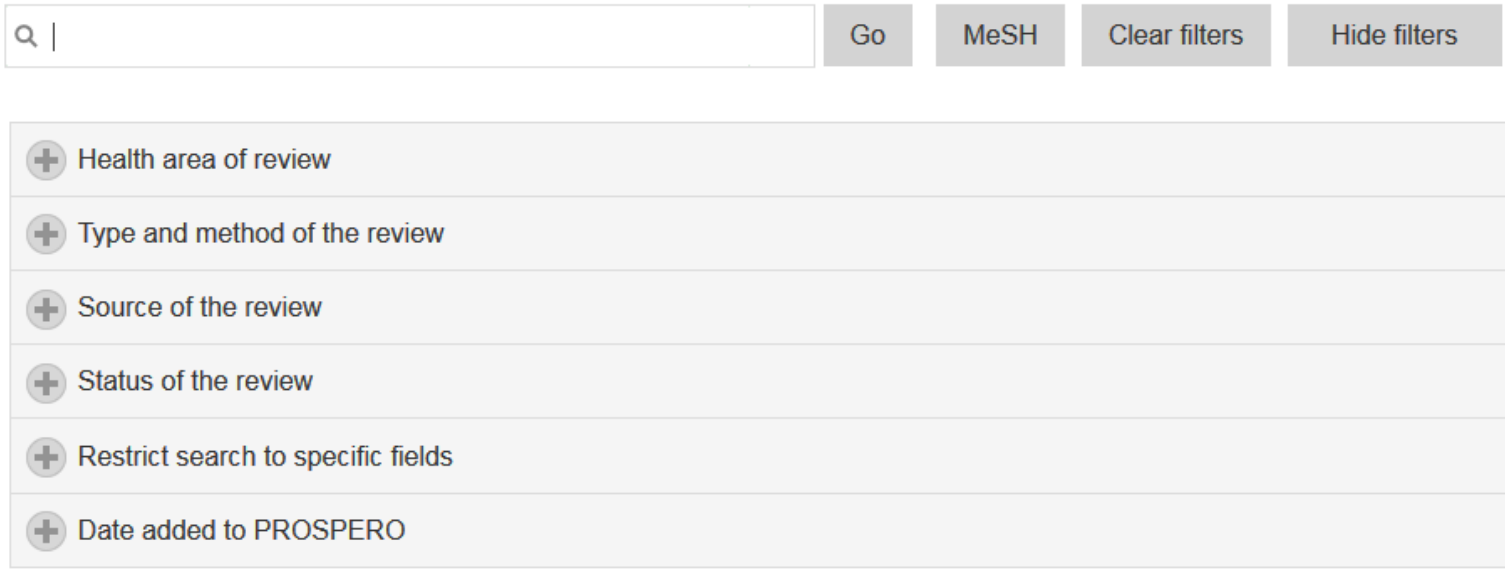
Appendix 1. MEDLINE (Ovid) search strategy

1. cerebrovascular disorders/ or exp basal ganglia cerebrovascular disease/ or exp brain ischemia/ or exp carotid artery diseases/ or exp intracranial arterial diseases/ or exp "intracranial embolism and thrombosis"/ or exp intracranial hemorrhages/ or stroke/ or exp brain infarction/ or vertebral artery dissection/
2. (stroke or poststroke or post-stroke or cerebrovasc$ or brain vasc$ or cerebral vasc$ or cva$ or apoplex$ or SAH).tw.
3. ((brain$ or cerebr$ or cerebell$ or intracran$ or intracerebral) adj5 (isch?emi$ or infarct$ or thrombo$ or emboli$ or occlus$)).tw.
4. ((brain$ or cerebr$ or cerebell$ or intracerebral or intracranial or subarachnoid) adj5 (haemorrhage$ or hemorrhage$ or haematoma$ or hematoma$ or bleed$)).tw.
5. hemiplegia/ or exp paresis/
6. (hemipleg$ or hemipar$ or paresis or paretic).tw.
7. exp Gait Disorders, Neurologic/
8. or/1-7
9. Transcranial Magnetic Stimulation/
10. Magnetic Field Therapy/
11. Magnetics/
12. Electromagnetic Fields/ or Electromagnetic Phenomena/
13. ((magnet$ or electromagnet$ or electro-magnet$) adj5 (stimulat$ or field$ or coil$)).tw.
14. (TMS or rTMS).tw.
15. or/9-14
16. Randomized Controlled Trials as Topic/
17. random allocation/
18. Controlled Clinical Trials as Topic/
19. control groups/
20. clinical trials as topic/ or clinical trials, phase i as topic/ or clinical trials, phase ii as topic/ or clinical trials, phase iii as topic/ or clinical trials, phase iv as topic/

PROSPERO

International prospective register of systematic reviews

https://www.crd.york.ac.uk/prospero/



Aline Pagnussat, Ana Paula Salazar, Patricia Graef Vaz, Cinara Stein, Ritchele Redivo Marchese, Arlette Doussoulin Sanhueza, Pedro Schestatsky. Effects of non-invasive brain stimulation on hemispatial neglect after stroke: a systematic review of randomized controlled trials. PROSPERO 2016 CRD42016053049 Available from: http://www.crd.york.ac.uk/PROSPERO/display_record.php?ID=CRD42016053049

The following electronic databases will be searched (from database inception to July 2015): MEDLINE (accessed by PubMed), the Physiotherapy Evidence Database (PEDro), EMBASE, the Cochrane Central Register of Controlled Trials (CENTRAL), Scopus and SciELO.

The search terms that will be used individually or in combination include: “stroke”, “brain ischemia”, “transcranial direct current stimulation”, “transcranial magnetic stimulation”, “non-invasive brain stimulation”, “brain stimulation”, “brain stimulation therapy”, “electrical stimulation of the brain” (MeSH and entry terms) and a string of words previously proposed, which have yielded a high sensitivity in the search results for randomized controlled trials.

In addition, to enhance the sensitivity of our search, we will not include words relating to the outcomes of interest.

Anthony O'Brien, Rodrigo Huerta, Gabriel Torrealba, Aurore Thibaut. Does non-invasive brain stimulation improve manual dexterity: a systematic review and meta-analysis. PROSPERO 2016 CRD42016043809 Available from: http://www.crd.york.ac.uk/PROSPERO/display_record.php?ID=CRD42016043809

The query we will use in PubMed is

(("manual"[All Fields] AND dexterity[All Fields]) OR (motor[All Fields] AND "movement"[All Fields]) OR (“hand”[All Fields] AND dexterity[All Fields] OR (motor[All Fields] AND skills[All Fields]))OR ((box[All Fields] AND block[All Fields] AND "test"[All Fields]) OR (nine-hole[All Fields] AND peg[All Fields] AND "test"[All Fields]) OR (purdue[All Fields] AND pegboard[All Fields] AND "test"[All Fields]) OR (functional[All Fields] AND dexterity[All Fields] AND "test"[All Fields]) OR (Jebsen[All Fields]) AND ("test"[All Fields])) AND (("transcranial direct current stimulation"[MeSH Terms] OR ("transcranial"[All Fields] AND "direct"[All Fields] AND "current"[All Fields] AND "stimulation"[All Fields]) OR ("transcranial direct current stimulation"[All Fields] OR "tdcs"[All Fields]) OR (TMS[All Fields] OR "transcranial"[All Fields] AND "magnetic"[All Fields] AND "stimulation") OR ("transcranial"[All Fields] AND "pulsed"[All Fields] AND "current"[All Fields] AND "stimulation" OR tPCS [All Fields]) OR ("transcranial"[All Fields] AND "alternating"[All Fields] AND "current"[All Fields] AND "stimulation" OR tACS) OR (¨random¨ [All Fields] AND ¨noise¨) OR Transcranial[All Fields] OR NIBS[All Fields] OR (Non[All Fields] AND invasive[All Fields] AND ("brain"[All Fields] AND "stimulation"[All Fields]) OR "brain stimulation"[All Fields])) AND ("randomized controlled trial"[pt] OR "controlled clinical trial"[pt] OR randomized[tiab] OR placebo[tiab] OR randomly[tiab] OR trial[tiab] OR groups[tiab]) AND "humans"[MeSH Terms]

For EMBASE it is:

(box AND block AND test) OR (nine AND hole AND peg AND test) OR (purdue AND pegboard AND test) OR (functional AND dexterity AND test) OR (Jebsen[All Fields]) AND ("test"[All Fields]) AND (transcranial AND direct AND current AND stimulation OR tdcs OR tms OR tpcs OR tacs OR (transcranial AND magnetic AND stimulation) OR (transcranial AND pulsed AND stimulation) OR (transcranial AND alternating AND current AND stimulation) OR (random AND noise) OR (transcranial AND magnetic AND stimulation) OR nibs OR (non AND invasive AND brain AND stimulation) OR (brain AND stimulation)) AND ('randomized controlled trial'/exp OR 'controlled clinical trial'/exp OR randomized:ab,ti OR placebo:ab,ti OR randomly:ab,ti OR trial:ab,ti OR groups:ab,ti)

Web of Science:

(manual dexterity or motor movement or motor skills) AND TOPIC: (box block test OR nine hole peg test OR functional pegboard test OR purdue pegboard test OR functional dexterity test OR Jebsen Test) AND TOPIC: (transcranial direct current stimulation OR tdcs OR transcranial magnetic stimulation OR tms OR NIBS or non invasive brain stimulation OR brain stimulation OR tpcs OR tacs OR transcranial pulsed current stimulation OR transcranial alternating current stimulation OR random noise)

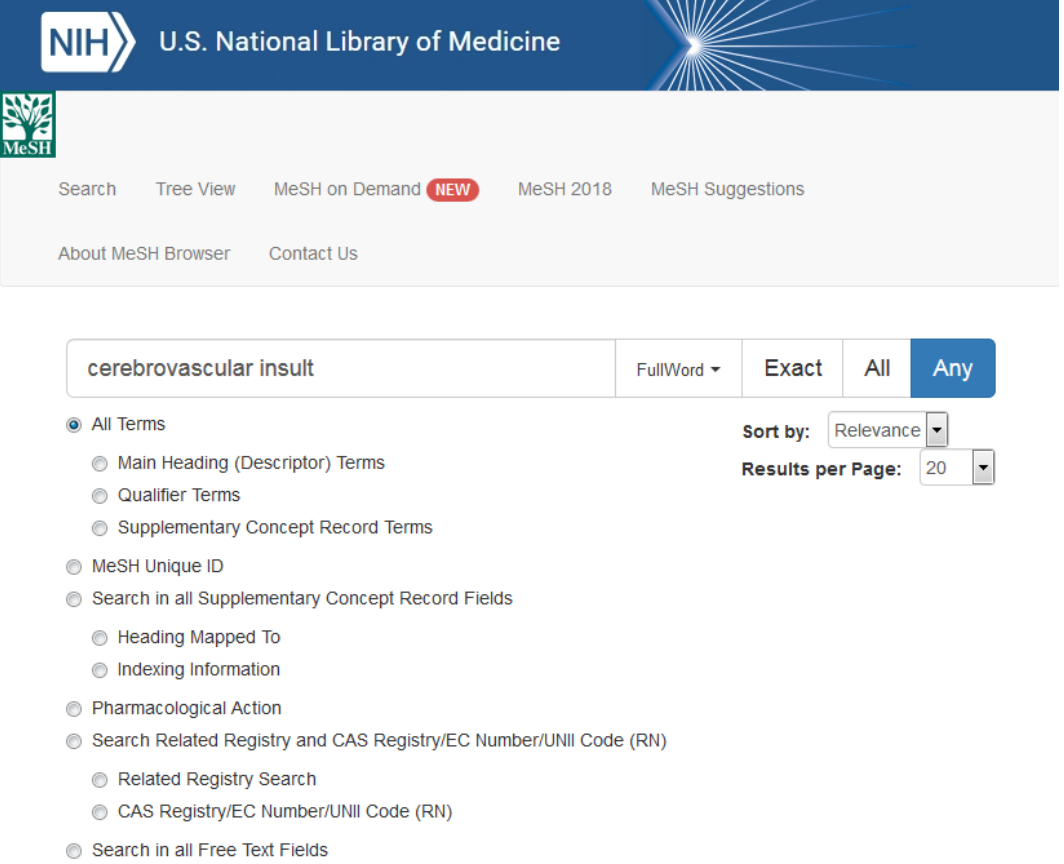
And ScieLo:

(manual dexterity) OR (motor movement) AND (box block test) OR (nine hole peg test) OR (purdue pegboard test) OR (functional dexterity test) OR (Jebsen test) AND (transcranial direct current stimulation) OR (tdcs) OR (transcranial magnetic stimulation) OR (tms) OR (non invasive brain stimulation) OR (NIBS) OR (brain stimulation) OR (tpcs) OR (tacs) OR (transcranial pulsed current stimulation) OR (transcranial alternating current stimulation) OR (random noise) AND (human) AND (Randomized clinical trial) OR (rct)

We will also use Spanish equivalent search terms in SciELO.

Search strategy

http://www.crd.york.ac.uk/PROSPEROFILES/43809_STRATEGY_20160629.pdf



Cerebrovascular Trauma **Descriptor**

Basal Ganglia Cerebrovascular Disease **Descriptor**
Cerebrovascular Disease, Basal Ganglia

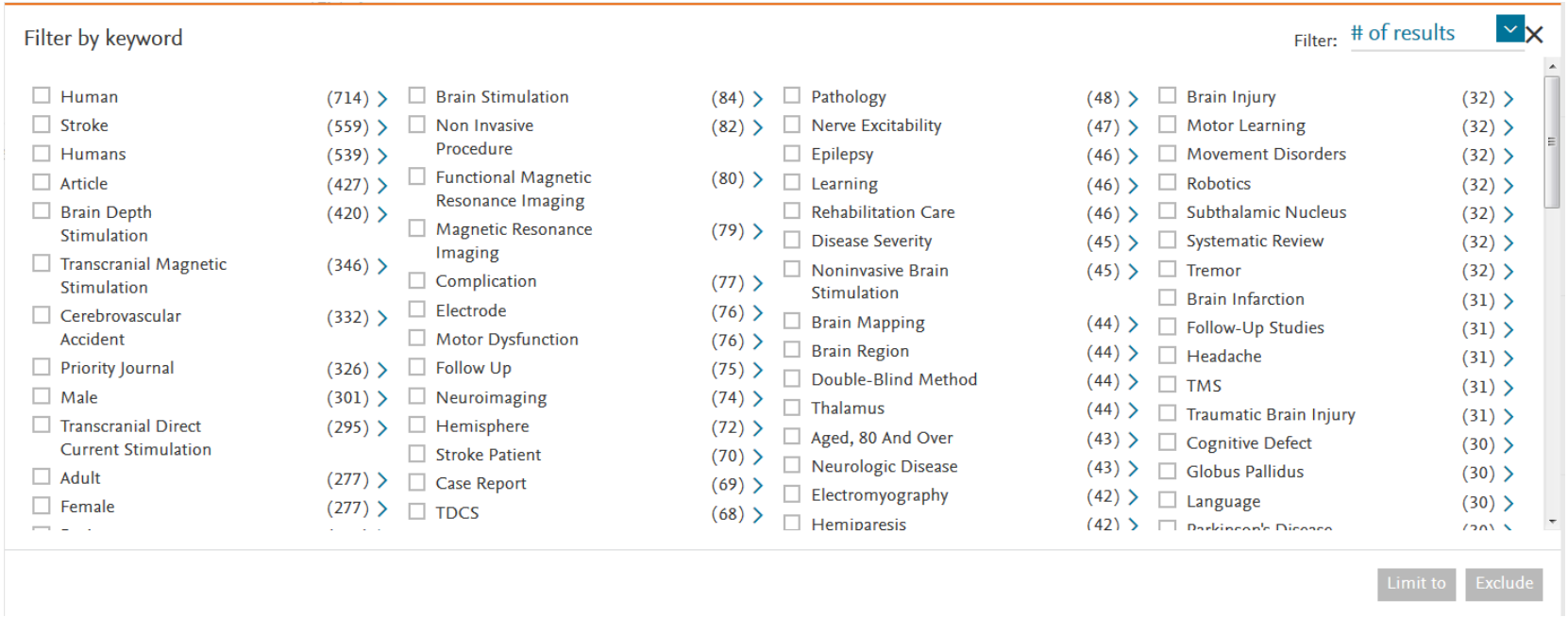
Vasospasm, Intracranial **Descriptor**
Cerebrovascular Spasm

Cerebrovascular Disorders **Descriptor**
Cerebrovascular Diseases
Cerebrovascular Insufficiency
Cerebrovascular Occlusion

Moyamoya Disease **Descriptor**
Cerebrovascular Moyamoya Disease

Stroke **Descriptor**
CVA (**Cerebrovascular** Accident)
Cerebrovascular Accident
Cerebrovascular Accident, Acute
Cerebrovascular Apoplexy
Cerebrovascular Stroke

MeSH (Medical Subject Headings)



Related searches

noninvasive brain stimulation

post-stroke **aphasia non-invasive** brain stimulation **techniques**

chronic stroke **patients bihemispheric** brain stimulation

brain stimulation **acute ischemic** stroke

brain stimulation **study**

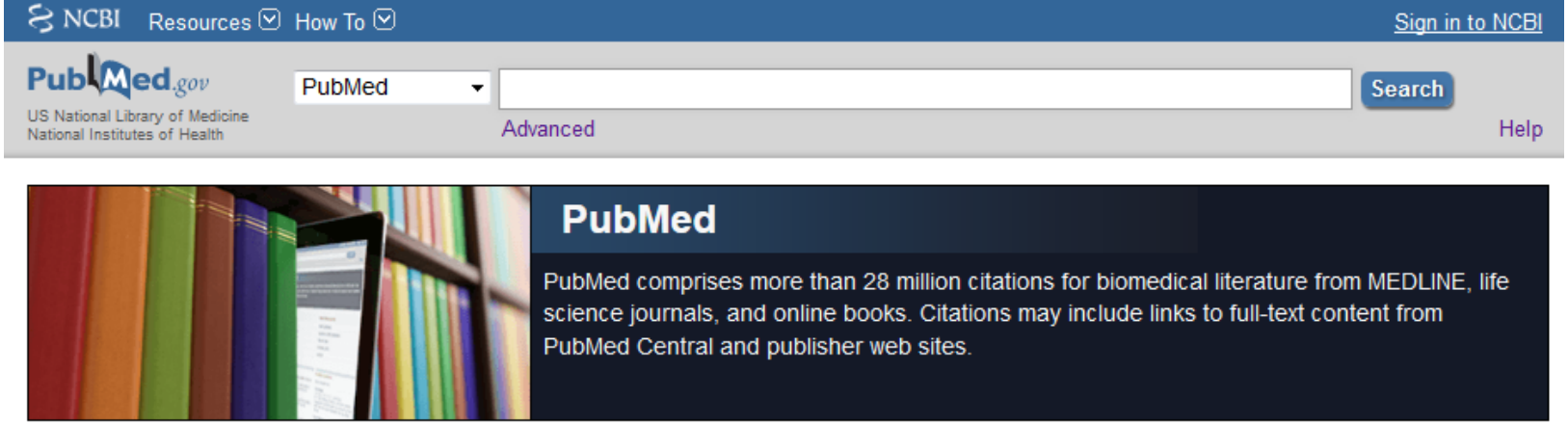
non-invasive brain stimulation **simultaneous occupational therapy**

brain stimulation **interhemispheric competition**

brain stimulation stroke **rehabilitation**

Baze podataka

- PubMed (MEDLINE)
- Embase (https://www.embase.com): komercijalna baza podataka koju distribuira Elsevier; literatura u oblasti biomedicinskih nauka, od 1947; nije pokrivena pretplatom KoBSON-a;
- Cochrane Library (https://www.cochranelibrary.com): komercijalne baze podataka; moguće je pretraživanje, ali samo deo sadržaja je javno dostupan; nije pokrivena pretplatom KoBSON-a;
- Web of Science (KoBSON)
- Scopus (KoBSON)
- Dimensions
- Google Scholar
- ...



https://www.ncbi.nlm.nih.gov/pubmed/

PubMed

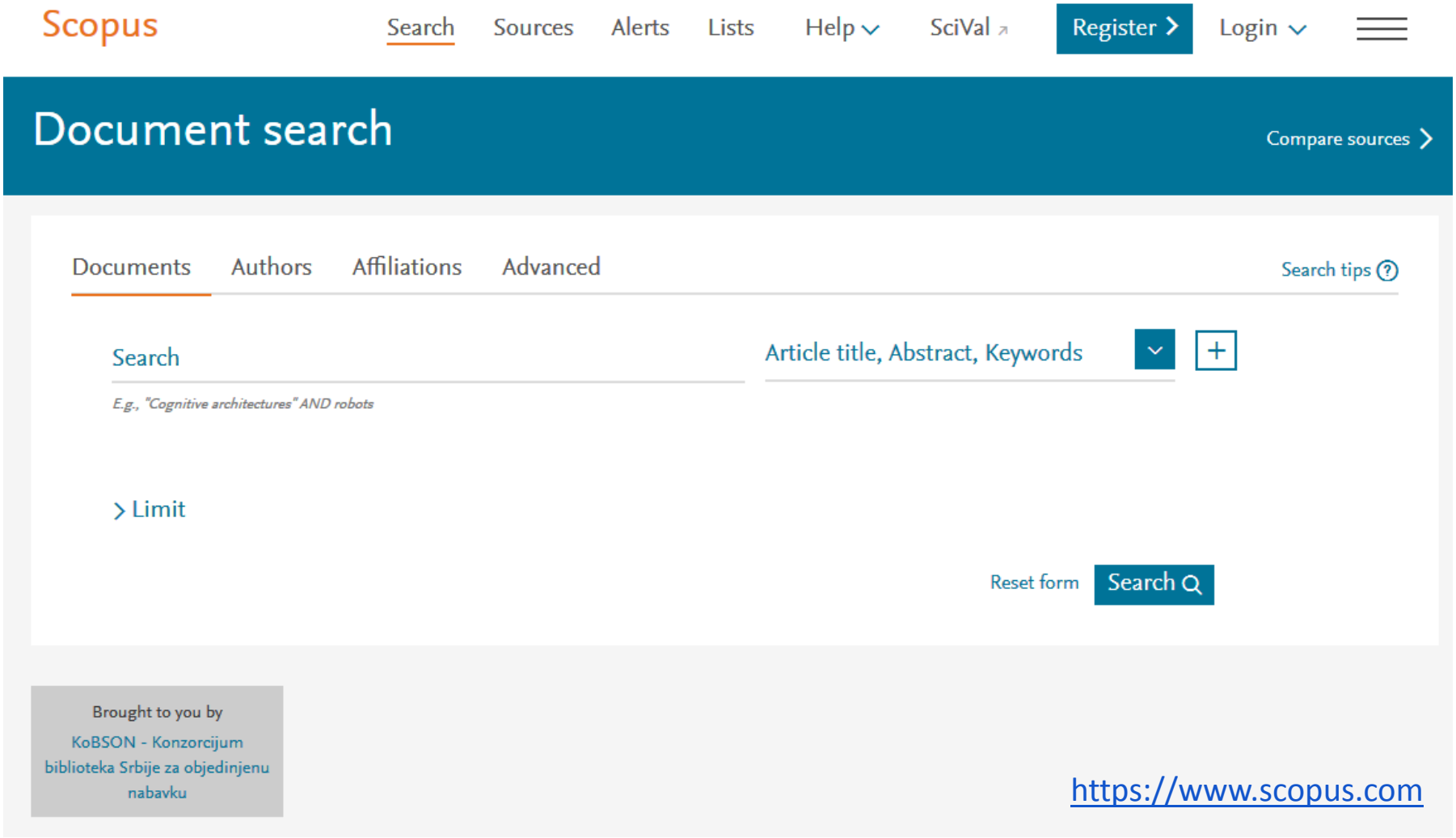
- Javno dostupan pretraživač nekoliko medicinskih bibliografskih baza podataka (pre svega MEDLINE);
- Održava ga National Center for Biotechnology Information (NCBI);
- Metapodaci do nivoa apstrakta sa linkovima do punog teksta;
- Preko 27 miliona zapisa, počev od 1966. (neki izvori i do 1809);

PubMed – uputstva za pretraživanje

- https://www.nlm.nih.gov/bsd/disted/pubmedtutorial/cover.html

Video-materijali:

- Conducting a literature search using PubMed
- Basic Searching in PubMed
- Searching PubMed Like an Expert: Selecting Keywords
- How to combine search lines in PubMed
- Searching PubMed Like An Expert: Using AND and OR; Finding Highly Related Articles
- Searching PubMed Like an Expert: Using MeSH Terms
- Save Searches and Set E-mail Alerts


Scopus
Search
Sources
Alerts
Lists
Help
SciVal
Register
Login
Document search
Compare sources
Documents
Authors
Affiliations
Advanced
Search tips
Search
Article title, Abstract, Keywords
E.g., "Cognitive architectures" AND robots
Limit
Reset form
Search
Brought to you by
KoBSON - Konzorcijum biblioteka Srbije za objedinjenu nabavku
https://www.scopus.com

Scopus

- Komercijalna indeksna baza podataka koju je razvio Elsevier; postoji od 2004. godine;
- Dostupna uz pretplatu (KoBSON);
- Metapodaci do nivoa apstrakta sa linkovima do punog teksta;
- Oko 70 milliona zapisa, oko 23000 časopisa i 15000 knjiga;
- 26% Health sciences, 17% Life sciences (u potpunosti pokriva MEDLINE).
- Korisnici koji imaju registrovan korisnički nalog (registracija je besplatna) mogu da sačuvaju kriterijume i rezultate pretraživanja.
- Zapisi se mog preuzeti u nekoliko formata.

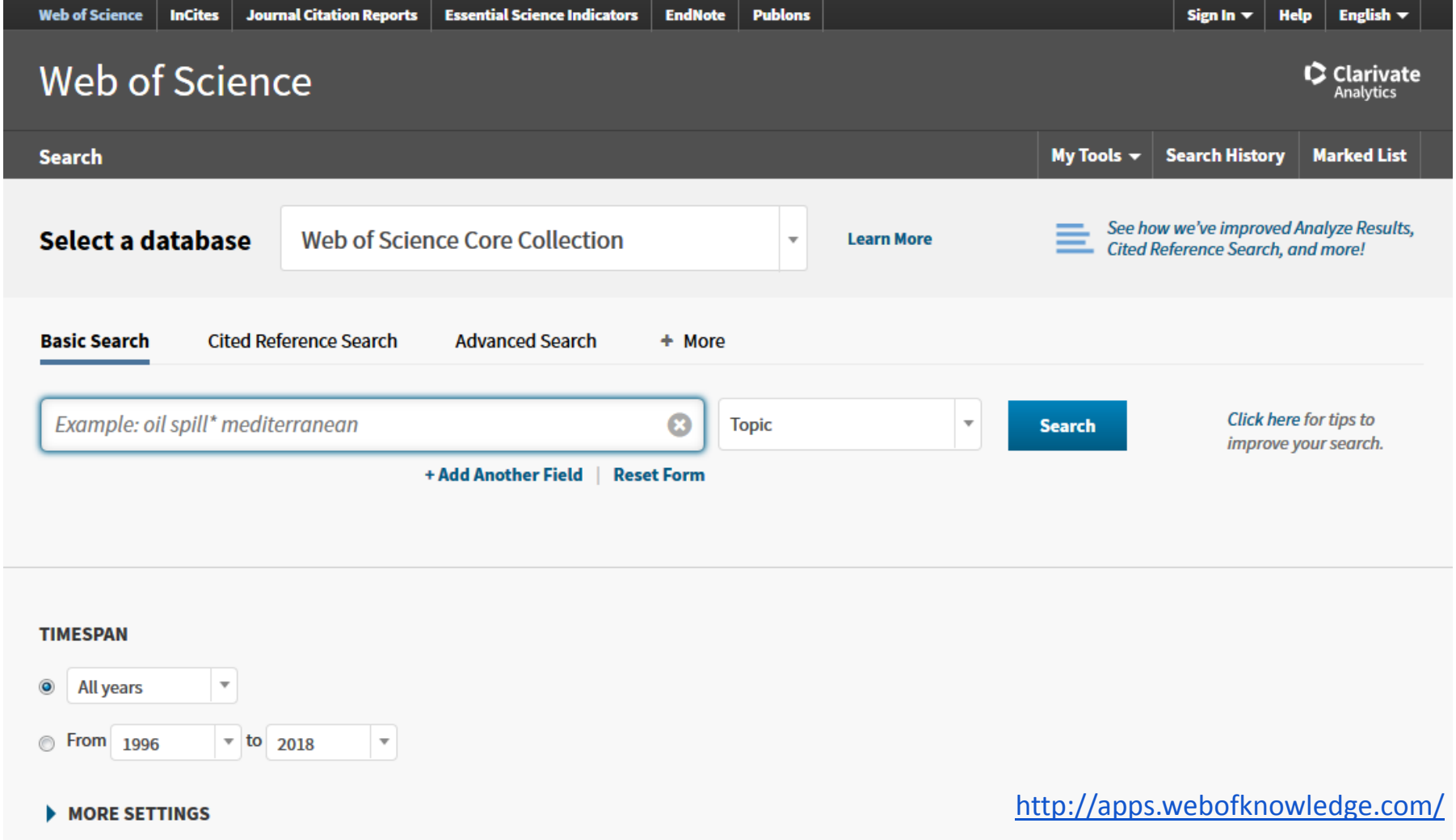
https://www.elsevier.com/solutions/scopus/content

Scopus – uputstva za pretraživanje

- https://blog.scopus.com/posts/6-simple-search-tips-lessons-learned-from-the-scopus-webinar
- Scopus: search tips to make your research more effective

Video-materijali:

- Searching with Scopus
- Scopus Advanced Search
- Scopus Database: Save Searches and Create Alerts



http://apps.webofknowledge.com/

Web of Science

- Servis koji obuhvata nekoliko indeksnih baza podataka, trenutno u vlasništvu kompanije Clarivate Analytics;
- Dostupan uz pretplatu (KoBSON).
- Metapodaci do nivoa apstrakta sa linkovima do punog teksta;
- Publikacije od 1900. (preko KoBSON-a, od 1996);
- Mogućnost čuvanja upita za pretraživanje;
- Zapisi se mogu sačuvati u EndNote Basic.
- Zapisi se mogu preuzeti u nekoliko formata.

Web of Science – uputstva za pretraživanje

- https://clarivate.libguides.com/woscc/searchtips

Video-materijali:

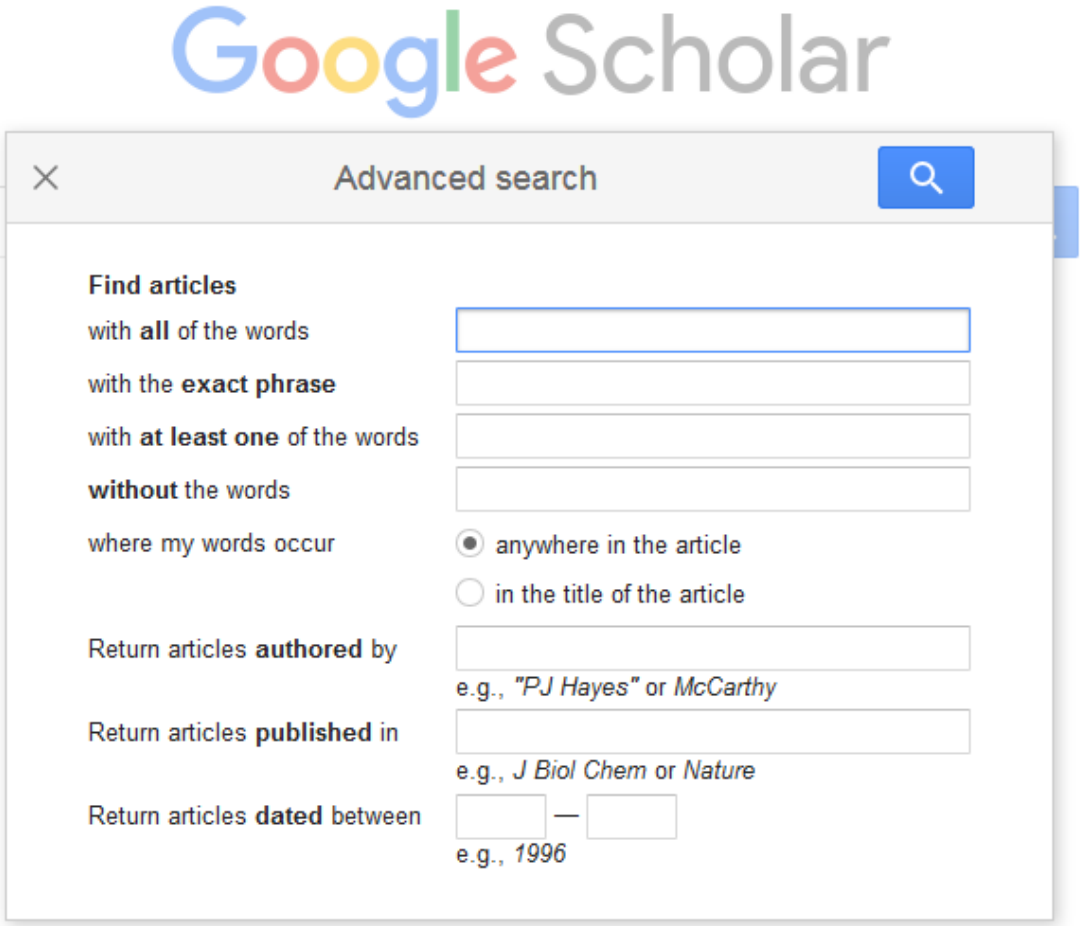
- Web of Science - Search Tips
- Web of Science - Advanced Search
- Web of Science - Saving Your Search and Setting Alerts
- https://www.youtube.com/results?search_query=web+of+science+searching

https://www.dimensions.ai

Dimensions

- Nova citatna baza podataka kompanije Digital Science; pojavila se u januaru 2018.;
- Bibliografska i citatna baza podataka + podaci o finansiranju + klinička ispitivanja + patenti;
- Citati u časopisnim člancima + Altmetric
- Pokriva PubMed, DOAJ, Erih Plus, ERA 2015
- Metapodaci do nivoa apstrakta sa linkovima ka punom tekstu;
- Samo je pretraživanje **publikacija** besplatno dostupno (https://app.dimensions.ai/discover/publication);
- Osnovno i napredno pretraživanje (naslov i apstrakt, sva polja ili pretraživanje na osnovu teksta ubačenog u polej za pretraživanje)
- Rezultate pretraživanja mogu da preuzmu samo pretplatnici, a korinsici koji pristupaju sa besplatnih naloga mogu da preuzimaju samo jedan po jedan zapis.

Help: https://dimensions.freshdesk.com/support/solutions/folders/23000029956


Google Scholar
Advanced search
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
in the title of the article
Return articles authored by
e.g., "PJ Hayes" or McCarthy
Return articles published in
e.g., J Biol Chem or Nature
Return articles dated between
—
e.g., 1996

Google Scholar

- Pretraživač;
- Nisu poznati kriterijumi po kojima se vrši selekcija izvora koji se indeksiraju.
- Linkovi do punog teksta;
- Indeksira veliki broj repozitorijuma, sajtova i blogova.

Uputstva:

- Google Scholar: A quick guide to effective searching
- Using Google's Advanced Search

Tehnike pretraživanja

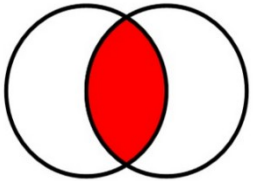
Greške

- Izbor izvora
- Koristi se samo osnovno pretraživanje
- Pretražuje se ograničen skup termina
- Termini se traže u neodgovarajućim poljima
- Ne koriste se Bulovi operatori (AND, OR, NOT / AND NOT; and “”)

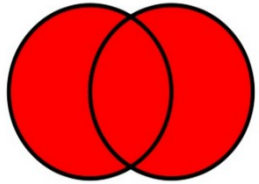
Šta se pretražuje?

- U bibliografskim bazama podataka – metapodaci (ako baza podataka ne sadrži puni tekst, isti pretraživanjem nije obuhvaćen)
- U bazama podataka koje sadrže puni tekst obično je moguće pretraživati i puni tekst (ali to nije uvek neophodno)
- U digitalnim repozitorijumima se pretražuju i metapodaci i puni tekst.

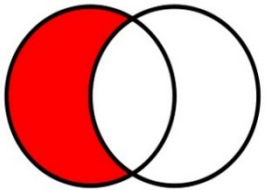
Bulovi operatori



AND Rezultati pretraživanja sadrže sve zadate termine.



OR Rezultati pretraživanja sadrže bar jedan zadati termin.



NOT ili AND NOT Rezultati pretraživanja su one publikacije koje sadrže prvi zadati termin, ali pod uslovom da ne sadrže drugi zadati termin.

Navodnici: “brain stimulation” – termin pod navodnicima: traže se zapisi koji sadrže čitavu frazu

Kraćenje: neurostimul* – traže se sve reči koje sadrže neurostimul: neurostimulation, neurostimulant, neurostimulants, neurostimulative itd.

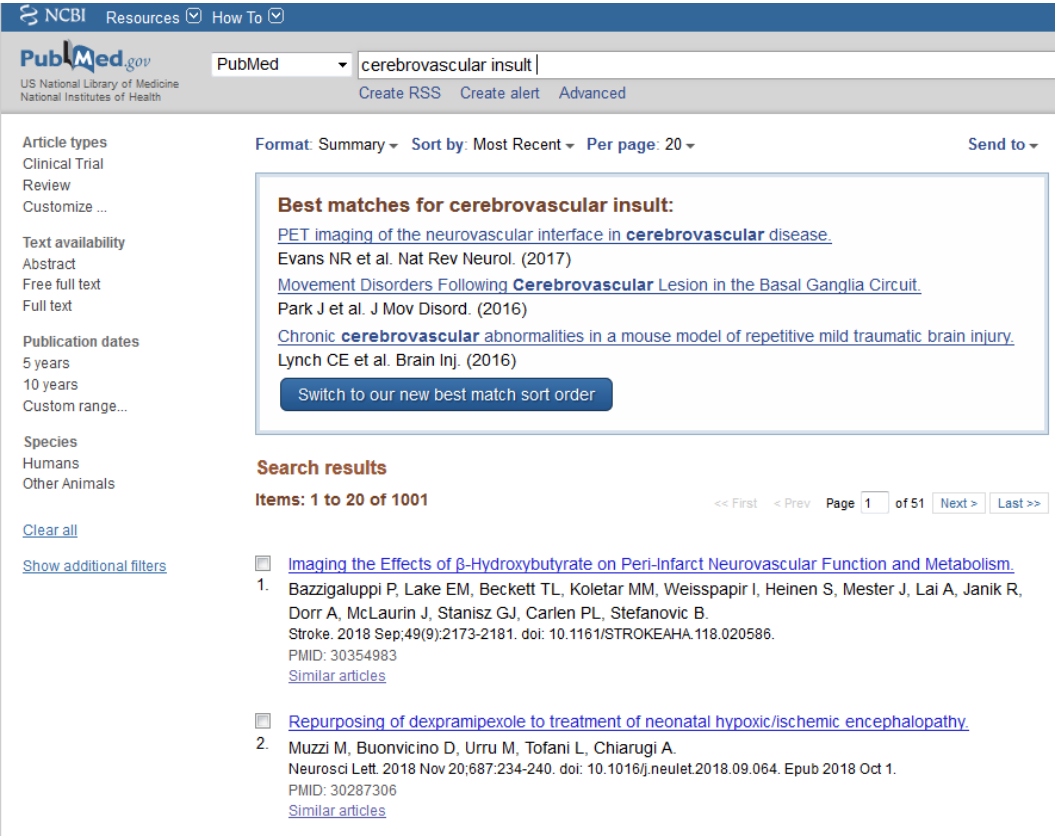
Tipovi pretraživanja

Basic/Simple search – osnovno pretraživanje: termini (jedan ili više) se unose u jedinstveno polje za pretraživanje

Advanced search – složeno pretraživanje: u većem broju polja za pretraživanje kombinuje se više kriterijuma (različiti termini u različitim poljima) uz pomoć Bulovih operatora

Expert search – u polje za pretraživanje se unosi složena sintaksa (oznake polja + termini + Bulovi operatori)

Osnovno pretraživanje

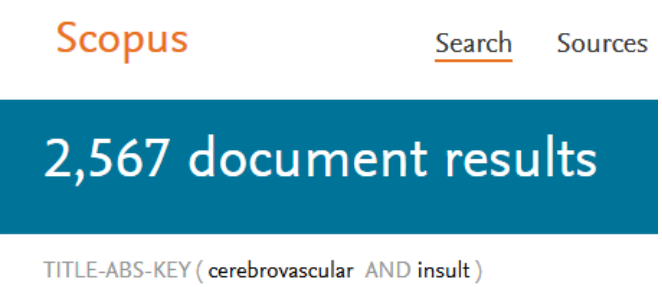


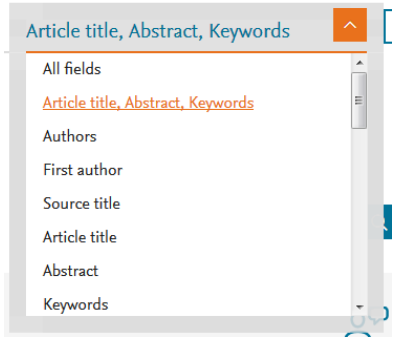
Termin: cerebrovascular insult

Traži se, u svim poljima:

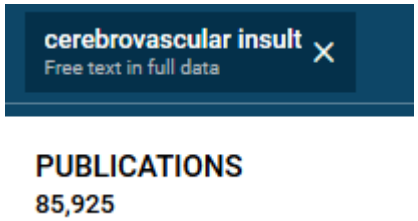
cerebrovascular[All Fields] AND insult[All Fields]

Podrazumevani Bulov operator je AND.



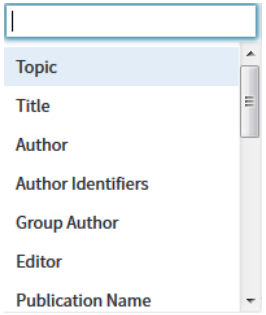


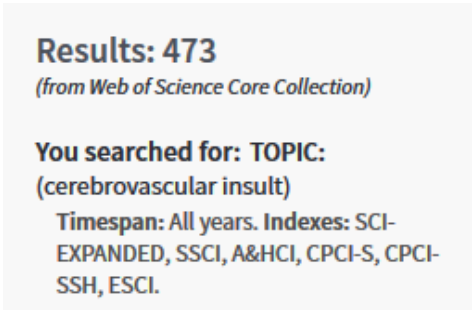
U Scopusu se čak i osnovnoj pretrazi mora definisati polje koje se pretražuje. Podrazumevani Bulov operator je AND.



Osnovnim pretraživanjem u Dimensions obuhvaćena su sva polja. Podrazumevani Bulov operator je AND.

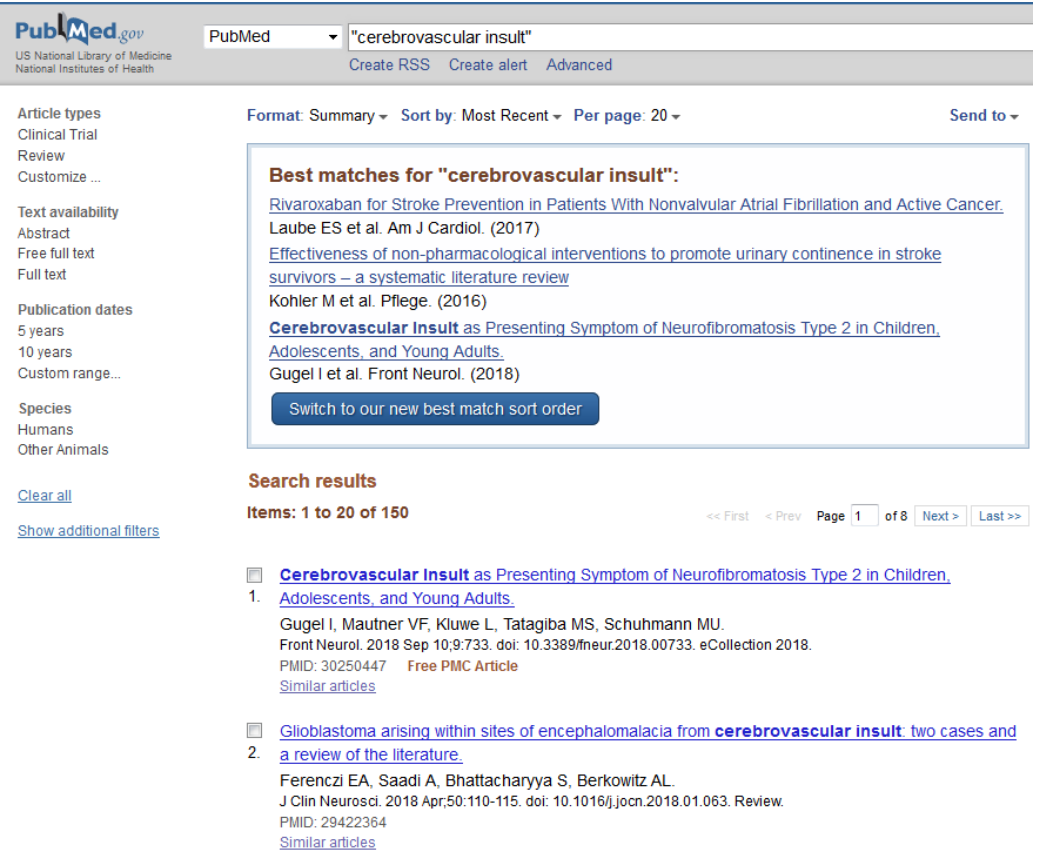
Web of Science



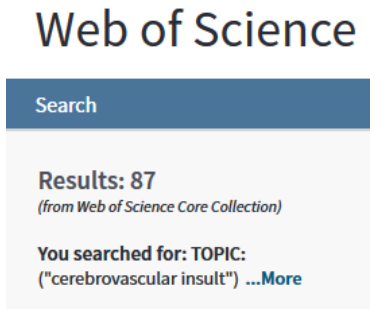


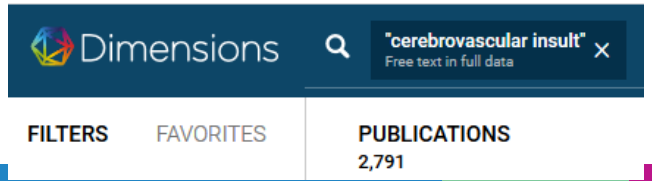
U Web of Science se čak i osnovnoj pretrazi mora definisati polje koje se pretražuje. Podrazumevani Bulov operator je AND.

Osnovno preatraživanje - navodnici

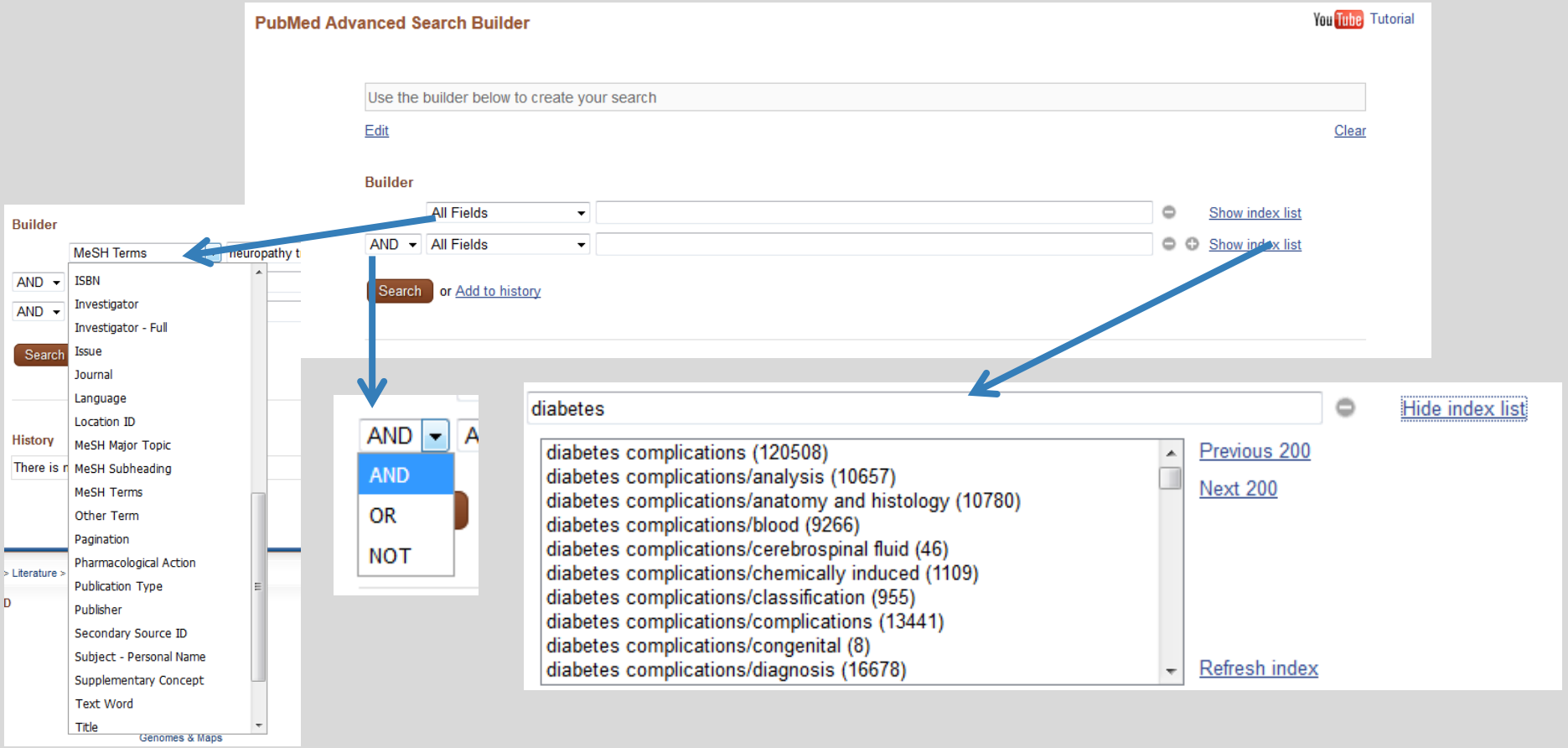


Traži se, u svim poljima:
"cerebrovascular insult"[All Fields]



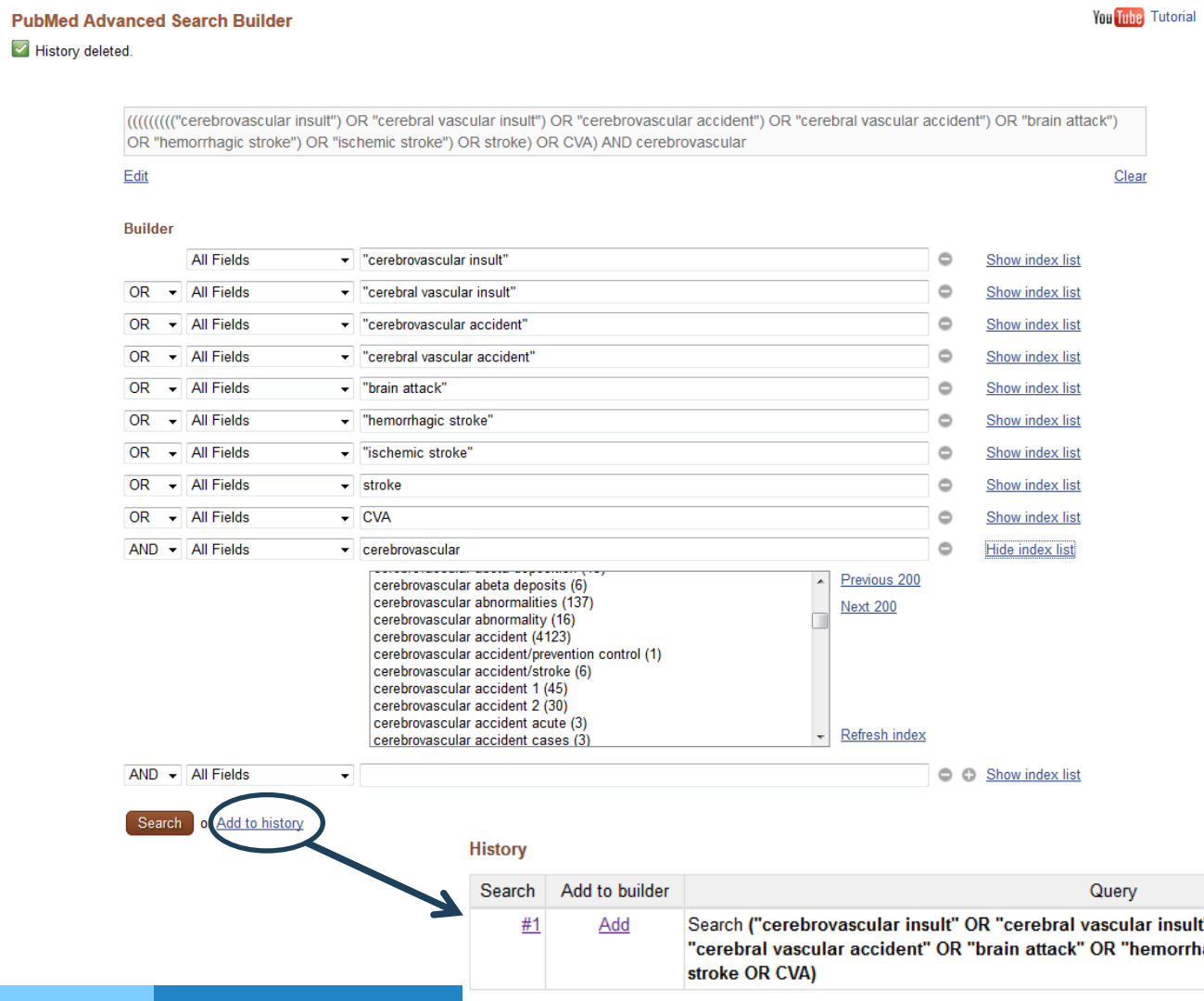


Složeno pretraživanje



Kada pretražujete literaturu za potrebe sistematskog pregleda ili metaanalize...

- Registrujte korisnički nalog
- Koristite složeno pretraživanje
- Definišite više odvojenih segmenata upita kako biste ih kasnije lakše korigovali i kombinovali
- Koristite istoriju pretraživanja



PubMed dodaje termine iz kontrolisanog rečnika:

"cerebrovascular insult"[All Fields] OR "cerebral vascular insult"[All Fields] OR "cerebrovascular accident"[All Fields] OR "cerebral vascular accident"[All Fields] OR "brain attack"[All Fields] OR "hemorrhagic stroke"[All Fields] OR "ischemic stroke"[All Fields] OR ("stroke"[MeSH Terms] OR "stroke"[All Fields]) OR ("stroke"[MeSH Terms] OR "stroke"[All Fields] OR "cva"[All Fields])

MeSH MeSH

Stroke

A group of pathological conditions characterized by sudden, non-convulsive loss of neurological function due to BRAIN ISCHEMIA or INTRA HEMORRHAGES. Stroke is classified by the type of tissue NECROSIS, such as the anatomic location, vasculature involved, etiology, age affected individual, and hemorrhagic vs. non-hemorrhagic nature. (From Adams et al., Principles of Neurology, 6th ed, pp777-810)
Year introduced: 2008 (2000)

PubMed search builder options
Subheadings:

Search	Add to builder	Query	Items found	Time
#7	Add	Search **stroke[MeSH Terms]**	117746	15:40:15
#6	Add	Search **((((((((((((((((((acute cerebrovascular accident[MeSH Terms]) OR acute cerebrovascular accidents[MeSH Terms]) OR cerebrovascular accident, acute[MeSH Terms]) OR cerebrovascular accidents, acute[MeSH Terms]) OR cerebrovascular accident[MeSH Terms]) OR cerebrovascular accidents[MeSH Terms]) OR cva cerebrovascular accident[MeSH Terms]) OR cvas cerebrovascular accident[MeSH Terms]) OR cerebrovascular apoplexy[MeSH Terms]) OR apoplexy, cerebrovascular[MeSH Terms]) OR vascular accident, brain[MeSH Terms]) OR vascular accidents, brain[MeSH Terms]) OR brain vascular accident[MeSH Terms]) OR brain vascular accidents[MeSH Terms]) OR cerebrovascular stroke[MeSH Terms]) OR cerebrovascular strokes[MeSH Terms]) OR acute stroke[MeSH Terms]) OR acute strokes[MeSH Terms]) OR cerebral strokes[MeSH Terms]**	117746	15:39:48

Kada koristite MeSH termine, dovoljno je da navedete glavni termin

Tree Number(s): C10.228.140.300.775, C14.907.253.855
MeSH Unique ID: D020521
Entry Terms:

- Strokes
- Cerebrovascular Accident
- Cerebrovascular Accidents
- CVA (Cerebrovascular Accident)
- CVAs (Cerebrovascular Accident)
- Cerebrovascular Apoplexy
- Apoplexy, Cerebrovascular
- Vascular Accident, Brain
- Brain Vascular Accident
- Brain Vascular Accidents
- Vascular Accidents, Brain
- Cerebrovascular Stroke
- Cerebrovascular Strokes
- Stroke, Cerebrovascular
- Strokes, Cerebrovascular
- Apoplexy
- Cerebral Stroke
- Cerebral Strokes
- Stroke, Cerebral
- Strokes, Cerebral
- Stroke, Acute
- Acute Stroke
- Acute Strokes
- Strokes, Acute
- Cerebrovascular Accident, Acute
- Acute Cerebrovascular Accident
- Acute Cerebrovascular Accidents
- Cerebrovascular Accidents, Acute

#28	Add	Search **cerebrovascular insult*[All Fields] OR cerebral vascular insult*[All Fields] OR cerebrovascular accident*[All Fields] OR cerebral vascular accident* [All Fields] OR brain attack* [All Fields] OR hemorrhagic stroke*[All Fields] OR ischemic stroke*[All Fields] OR stroke [All Fields] OR strokes [All Fields] OR cva [All Fields] OR CVAs[All Fields] OR stroke[MeSH Terms]**	310916
#29	Add	Search **"cerebrovascular insult"[All Fields] OR "cerebrovascular insults"[All Fields] OR "cerebral vascular insult"[All Fields] OR "cerebral vascular insults"[All Fields] OR "cerebrovascular accident"[All Fields] OR "cerebrovascular accidents"[All Fields] OR "cerebral vascular accident"[All Fields] OR "cerebral vascular accidents"[All Fields] OR "brain attack"[All Fields] OR "brain attacks"[All Fields] OR "hemorrhagic stroke"[All Fields] OR "hemorrhagic strokes"[All Fields] OR "ischemic stroke"[All Fields] OR "ischemic strokes"[All Fields] OR "stroke"[All Fields] OR "strokes"[All Fields] OR "cva"[All Fields] OR CVAs[All Fields] OR "stroke"[MeSH Terms]**	310913
#27	Add	Search **"cerebrovascular insult" OR "cerebral vascular insult" OR "cerebrovascular accident" OR "cerebral vascular accident" OR "brain attack" OR "hemorrhagic stroke" OR "ischemic stroke" OR stroke OR CVA OR stroke[MeSH Terms]**	303848

"cerebrovascular insult"[All Fields] OR "cerebrovascular insults"[All Fields] OR "cerebral vascular insult"[All Fields] OR "cerebral vascular insults"[All Fields] OR "cerebrovascular accident"[All Fields] OR "cerebrovascular accidents"[All Fields] OR "cerebral vascular accident"[All Fields] OR "cerebral vascular accidents"[All Fields] OR "brain attack"[All Fields] OR "brain attacks"[All Fields] OR "hemorrhagic stroke"[All Fields] OR "hemorrhagic strokes"[All Fields] OR "ischemic stroke"[All Fields] OR "ischemic strokes"[All Fields] OR "stroke"[All Fields] OR "strokes"[All Fields] OR "cva"[All Fields] OR CVAs[All Fields] OR "stroke"[MeSH Terms]

cerebrovascular insult*[All Fields] OR cerebral vascular insult*[All Fields] OR cerebrovascular accident*[All Fields] OR cerebral vascular accident* [All Fields] OR brain attack* [All Fields] OR hemorrhagic stroke*[All Fields] OR ischemic stroke*[All Fields] OR stroke [All Fields] OR strokes [All Fields] OR cva [All Fields] OR CVAs[All Fields] OR stroke[MeSH Terms]

stroke* ✗

stroke OR stroke' OR stroke'' OR stroke's OR stroke, OR stroke119 OR stroke123 OR stroke2 OR stroke2000 OR stroke2010 OR stroke34 OR stroke4carers OR stroke`s OR strokea OR strokeaetiology OR strokeaha OR strokeand OR strokebeijing OR strokecarecontents OR strokecenter OR strokecentre OR strokechecklist OR strokeclose OR strokect OR strokectacomputed OR strokectcomputed OR strokectomy OR stroked OR strokedepartment OR strokedepressive OR strokedge OR strokediagnostik OR strokedoc OR strokedrabbade OR strokeearly OR strokeed OR strokeelicited OR strokeenh OR strokeenheten OR strokefall OR strokefobrebyggande OR strokefoundation OR strokefree OR strokefrom OR strokehip OR strokein OR strokeinduced OR strokelets OR strokelike OR strokelink OR strokelocated OR strokemerci OR strokemethods OR strokemobile OR stroken OR strokenational OR strokenet OR strokengine OR strokengine's OR strokenomics OR strokenomics' OR strokepatienter OR strokepatients OR strokepharmacogenomics OR strokeplane OR strokeprevention OR strokeprofylax OR strokeprofylaxen OR strokeproject OR strokeprone OR stroker OR strokerehab OR strokerehabilitation OR strokerehabilitering OR strokerisk OR strokers OR strokerwin OR strokes OR strokes' OR strokes1 OR strokesafe OR strokesand OR strokesektionen OR strokesfuture OR strokesich OR strokeskydd OR strokesmin OR strokestop OR strokestra OR strokestudygz OR strokethree OR stroketool OR stroketrials OR strokeun OR strokeunit OR strokevan OR strokevard OR strokevarden OR strokevia OR strokevision OR strokevolume OR strokevolumedon OR strokevolumes OR strokewidth OR strokework OR strokezero

#83	Add	Search **cerebrovascular insult*[All Fields] OR cerebral vascular insult*[All Fields] OR cerebrovascular accident*[All Fields] OR cerebral vascular accident* [All Fields] OR brain attack* [All Fields] OR hemorrhagic stroke*[All Fields] OR haemorrhagic stroke*[All Fields]OR ischemic stroke*[All Fields] OR stroke [All Fields] OR strokes [All Fields] OR cva [All Fields] OR CVAs[All Fields] OR stroke[MeSH Terms]**	310916
#28	Add	Search **cerebrovascular insult*[All Fields] OR cerebral vascular insult*[All Fields] OR cerebrovascular accident*[All Fields] OR cerebral vascular accident* [All Fields] OR brain attack* [All Fields] OR hemorrhagic stroke*[All Fields] OR ischemic stroke*[All Fields] OR stroke [All Fields] OR strokes [All Fields] OR cva [All Fields] OR CVAs[All Fields] OR stroke[MeSH Terms]**	310916

cerebrovascular insult*[All Fields] OR cerebral vascular insult*[All Fields] OR cerebrovascular accident*[All Fields] OR cerebral vascular accident* [All Fields] OR brain attack* [All Fields] OR hemorrhagic stroke*[All Fields] OR ischemic stroke*[All Fields] OR stroke [All Fields] OR strokes [All Fields] OR cva [All Fields] OR CVAs[All Fields] OR stroke[MeSH Terms]

cerebrovascular insult*[All Fields] OR cerebral vascular insult*[All Fields] OR cerebrovascular accident*[All Fields] OR cerebral vascular accident* [All Fields] OR brain attack* [All Fields] OR hemorrhagic stroke*[All Fields] OR haemorrhagic stroke*[All Fields]OR ischemic stroke*[All Fields] OR stroke [All Fields] OR strokes [All Fields] OR cva [All Fields] OR CVAs[All Fields] OR stroke[MeSH Terms]

((transcranial magnetic stimulation[MeSH Terms] OR transcranial direct current stimulation[MeSH Terms] OR deep brain stimulation[MeSH Terms] OR noninvasive brain stimulat* OR NIBs OR tDCS OR rTMS OR neurostimulat* OR transcranial magnetic stimulat* OR transcranial direct current stimulat* OR deep brain stimulat*)) AND (cerebrovascular insult*[All Fields] OR cerebral vascular insult*[All Fields] OR cerebrovascular accident*[All Fields] OR cerebral vascular accident* [All Fields] OR brain attack* [All Fields] OR hemorrhagic stroke*[All Fields] OR ischemic stroke*[All Fields] OR stroke [All Fields] OR strokes [All Fields] OR cva [All Fields] OR CVAs[All Fields] OR stroke[MeSH Terms])

Edit Clear

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All Fields | transcranial magnetic stimulation[MeSH Terms] OR transcranial direct current stimulation[M | Show index list

AND | All Fields | cerebrovascular insult*[All Fields] OR cerebral vascular insult*[All Fields] OR cerebrovascul | Show index list

AND | All Fields | | Show index list

Search or Add to history

History Download history Clear history

Search	Add to builder	Query	Items found	Time
#36	Add	Search **transcranial magnetic stimulation[MeSH Terms] OR transcranial direct current stimulation[MeSH Terms] OR deep brain stimulation[MeSH Terms] OR noninvasive brain stimulat* OR NIBs OR tDCS OR rTMS OR neurostimulat* OR transcranial magnetic stimulat* OR transcranial direct current stimulat* OR deep brain stimulat***	31747	17:12:57
#28	Add	Search **cerebrovascular insult*[All Fields] OR cerebral vascular insult*[All Fields] OR r accident*[All Fields] OR cerebral vascular accident* [All Fields] OR brain attack* hemorrhagic stroke*[All Fields] OR ischemic stroke*[All Fields] OR stroke [All Fields] Fields] OR cva [All Fields] OR CVAs[All Fields] OR stroke[MeSH Terms]**	310916	16:41:37
#29	NOT in builder	**ovascular insult"[All Fields] OR "cerebrovascular insults"[All Fields] OR "cerebral [All Fields] OR "cerebral vascular insults"[All Fields] OR "cerebrovascular elds] OR "cerebrovascular accidents"[All Fields] OR "cerebral vascular accident"[All ebral vascular accidents"[All Fields] OR "brain attack"[All Fields] OR "brain lds] OR "hemorrhagic stroke"[All Fields] OR "hemorrhagic strokes"[All Fields] OR e"[All Fields] OR "ischemic strokes"[All Fields] OR "stroke"[All Fields] OR**	310913	16:41:04

AND in builder
OR in builder
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Delete from history
Show search results
Show search details
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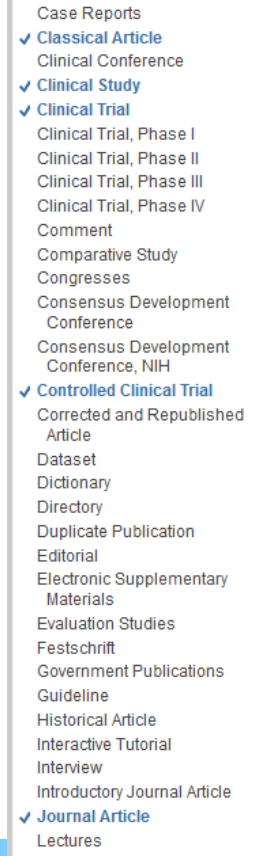
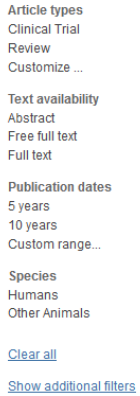
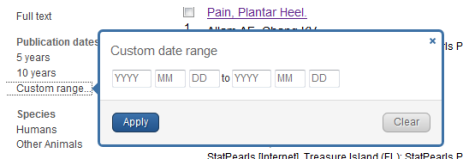
Kombinovanje upita

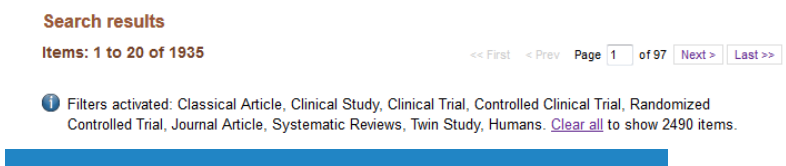
#39	Add	Search ((transcranial magnetic stimulation[MeSH Terms] OR transcranial direct current stimulation[MeSH Terms] OR deep brain stimulation[MeSH Terms] OR noninvasive brain stimulat* OR NIBs OR tDCS OR rTMS OR neurostimulat* OR transcranial magnetic stimulat* OR transcranial direct current stimulat* OR deep brain stimulat*) AND (cerebrovascular insult*[All Fields] OR cerebral vascular insult*[All Fields] OR cerebrovascular accident*[All Fields] OR cerebral vascular accident* [All Fields] OR brain attack* [All Fields] OR hemorrhagic stroke*[All Fields] OR ischemic stroke*[All Fields] OR stroke [All Fields] OR strokes [All Fields] OR cva [All Fields] OR CVAs[All Fields] OR stroke[MeSH Terms])	2490

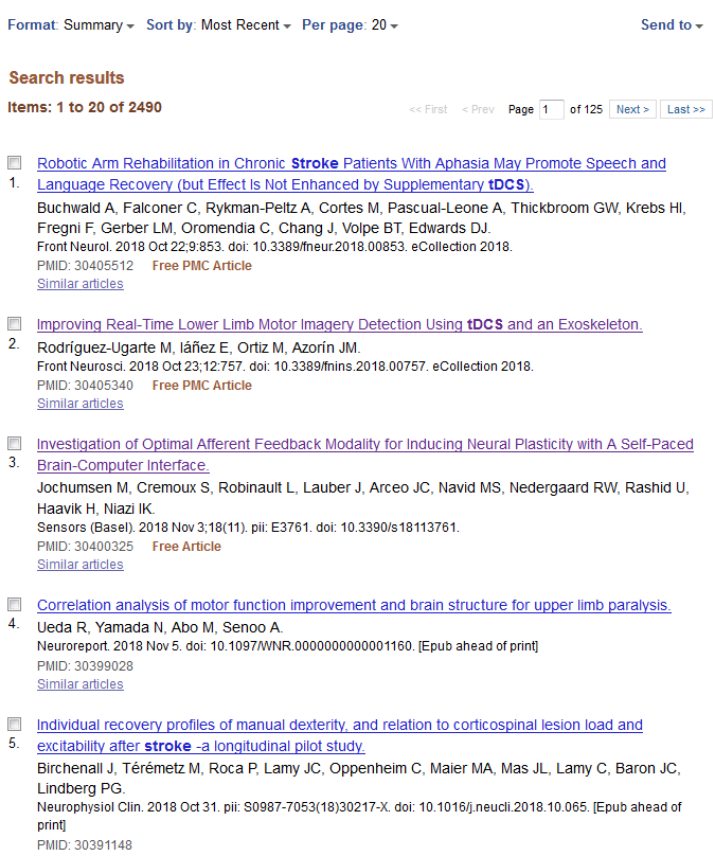
Izbor publikacija se može suziti korišćenjem filtera, ali ne postoji opcija „exclude“. Problem: tipovi publikacija se preklapaju. Ako želite da eliminišete određeni tip publikacija, to morate učiniti prilikom definisanja upita.











((((transcranial magnetic stimulation[MeSH Terms] OR transcranial direct current stimulation[MeSH Terms] OR deep brain stimulation[MeSH Terms] OR noninvasive brain stimulat* OR NIBs OR tDCS OR rTMS OR neurostimulat* OR transcranial magnetic stimulat* OR transcranial direct current stimulat* OR deep brain stimulat*)) AND (cerebrovascular insult*[All Fields] OR cerebral vascular insult*[All Fields] OR cerebrovascular accident*[All Fields] OR cerebral vascular accident* [All Fields] OR brain attack* [All Fields] OR hemorrhagic stroke*[All Fields] OR ischemic stroke*[All Fields] OR stroke [All Fields] OR strokes [All Fields] OR cva [All Fields] OR CVAs[All Fields] OR stroke[MeSH Terms])))) NOT "meta analysis"[Publication Type]

Edit Clear

Builder

All Fields ((transcranial magnetic stimulation[MeSH Terms] OR transcranial direct current stimulation Show index list

NOT Publication Type "meta analysis"[Publication Type] Hide index list

lectures (6575)
legal cases (10916)
legislation (1670)
letter (1005361)
meta analysis (94191)
multicenter study (241494)
news (192296)
newspaper article (18293)
observational study (54423)
overall (29068)

Previous 200
Next 200
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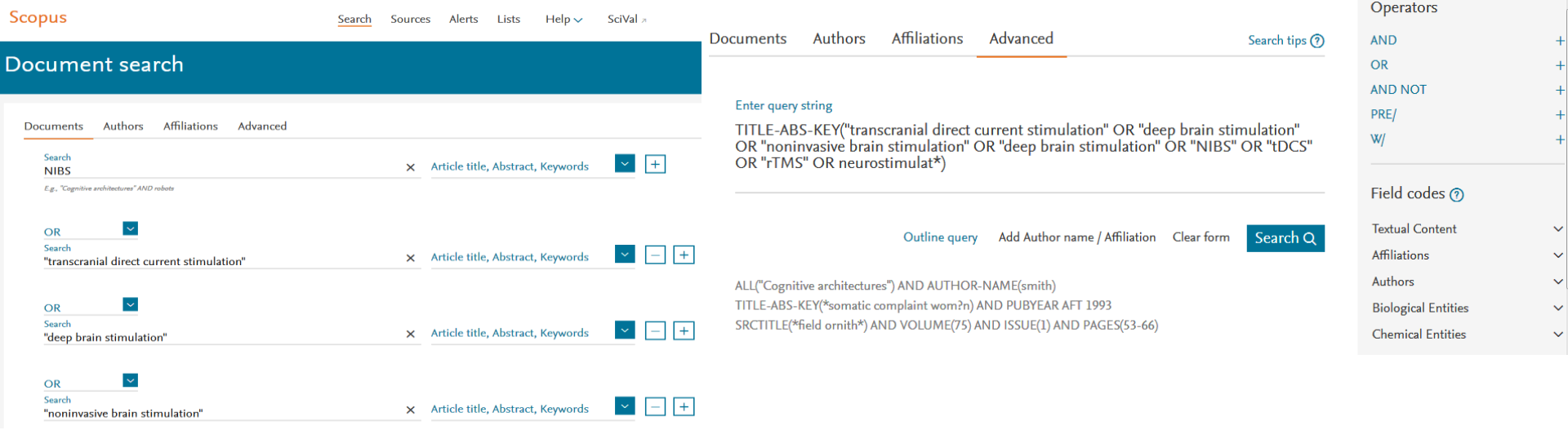
AND All Fields Show index list

Search or Add to history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Affiliations
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NIBS
E.g., "Cognitive architectures" AND robots
Article title, Abstract, Keywords
OR
Search
"transcranial direct current stimulation"
Article title, Abstract, Keywords
OR
Search
"deep brain stimulation"
Article title, Abstract, Keywords
OR
Search
"noninvasive brain stimulation"
Article title, Abstract, Keywords
Enter query string
TITLE-ABS-KEY("transcranial direct current stimulation" OR "deep brain stimulation" OR "noninvasive brain stimulation" OR "deep brain stimulation" OR "NIBS" OR "tDCS" OR "rTMS" OR neurostimulat*)
Outline query
Add Author name / Affiliation
Clear form
Search
ALL("Cognitive architectures") AND AUTHOR-NAME(smith)
TITLE-ABS-KEY(*somatic complaint wom?n) AND PUBYEAR AFT 1993
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Affiliations
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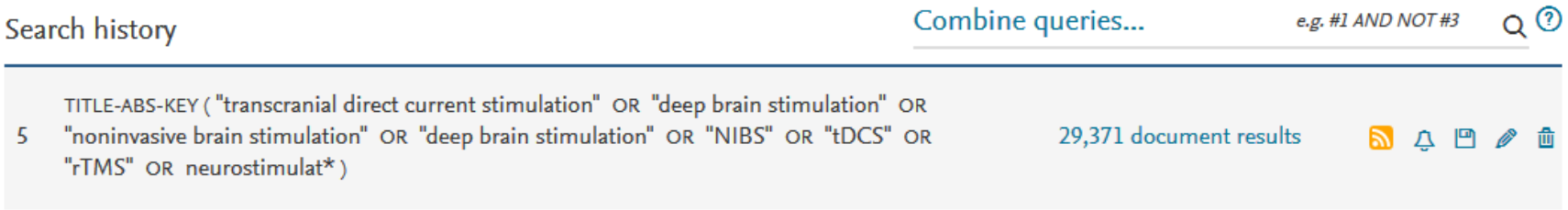
Biological Entities
Chemical Entities


Search history
Combine queries...
e.g. #1 AND NOT #3
5
TITLE-ABS-KEY ("transcranial direct current stimulation" OR "deep brain stimulation" OR "noninvasive brain stimulation" OR "deep brain stimulation" OR "NIBS" OR "tDCS" OR "rTMS" OR neurostimulat*)
29,371 document results

TITLE-ABS-KEY ("cerebrovascular insult" OR "cerebral vascular insult" OR "cerebrovascular accident" OR "cerebral vascular accident" OR "brain attack" OR "hemorrhagic stroke" OR "ischemic stroke" OR stroke OR "CVA")

422,335 document results

U multidisciplinarnoj bazi podataka, termin „stroke“ nije adekvatan termin za pretraživanje!

Scopus

U Scopusu se termini mogu kratiti i na početku i na kraju:

TITLE-ABS-KEY (*vascular AND insult* OR *vascular AND accident* OR "brain attack" OR "hemorrhagic stroke" OR "haemorrhagic stroke" OR "ischemic stroke" OR "CVA")

W/n – pronalazi termine između kojih se nalazi određen broj reči:

TITLE-ABS-KEY (transcranial W/2 stimulation OR "deep brain stimulation" OR "noninvasive brain stimulation" OR "deep brain stimulation" OR "NIBS" OR "tDCS" OR "rTMS" OR neurostimulat*)

TITLE-ABS-KEY (transcranial PRE/3 stimulation)

PRE/n - transcranial je treća reč ispred stimulation

U Scopusu nije potrebno navoditi termine i u množini!

TITLE-ABS-KEY ("cerebrovascular insult" OR "cerebrovascular insults" OR "cerebral vascular insult" OR "cerebral vascular insults" OR "cerebrovascular accident" OR "cerevrovascular accidents" OR "cerebral vascular accident" OR "cerebral vascular accidents" OR "brain attack" OR "brain attacks" OR "hemorrhagic stroke" OR "hemorrhagic strokes" OR "ischemic stroke" OR "ischemic strokes" OR "CVA")

156,015 document results

TITLE-ABS-KEY ("cerebrovascular insult" OR "cerebral vascular insult" OR "cerebrovascular accident" OR "cerebral vascular accident" OR "brain attack" OR "hemorrhagic stroke" OR "haemorrhagic stroke" OR "ischemic stroke" OR "CVA")

156,015 document results

Combine queries... e.g. #1 AND NOT #3

#5 AND #12

17 (TITLE-ABS-KEY ("cerebrovascular insult" OR "cerebral vascular insult" OR "cerebrovascular accident" OR "cerebral vascular accident" OR "brain attack" OR "hemorrhagic stroke" OR "haemorrhagic stroke" OR "ischemic stroke" OR "CVA")) AND (TITLE-ABS-KEY ("transcranial direct current stimulation" OR "transcranial magnetic stimulation" OR "deep brain stimulation" OR "noninvasive brain stimulation" OR "deep brain stimulation" OR "NIBS" OR "tDCS" OR "rTMS" OR neurostimulat*))

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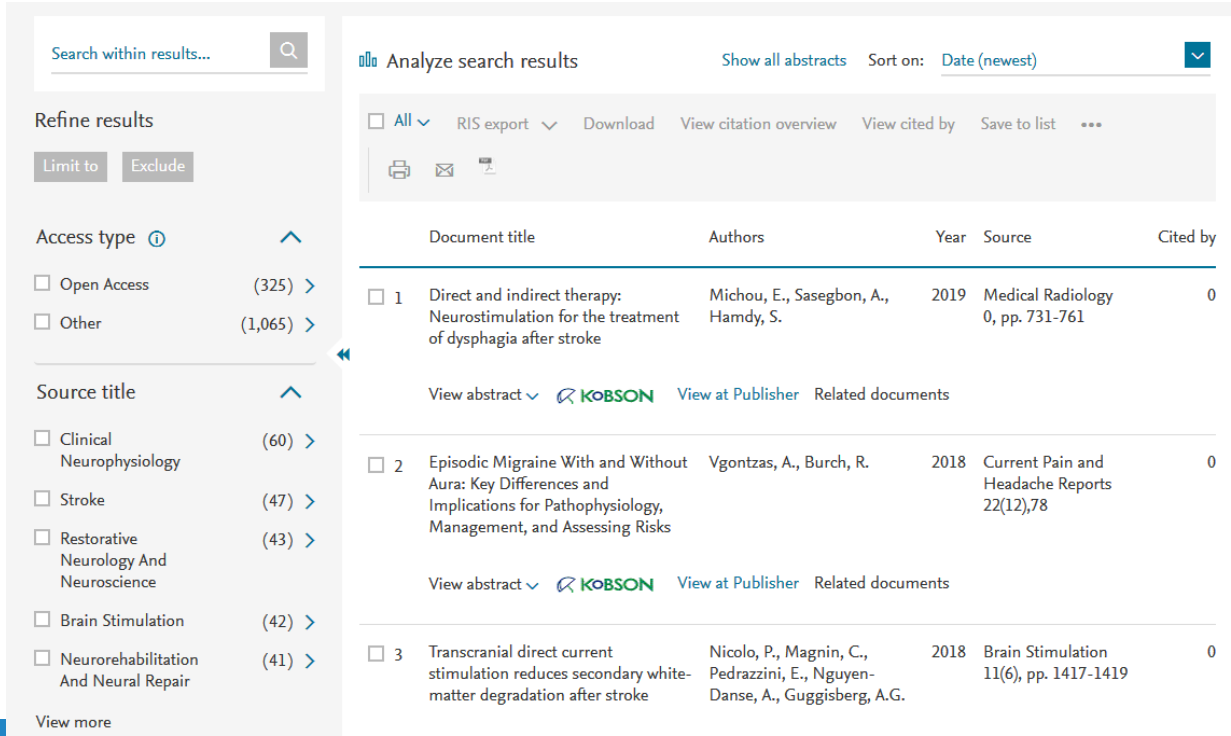

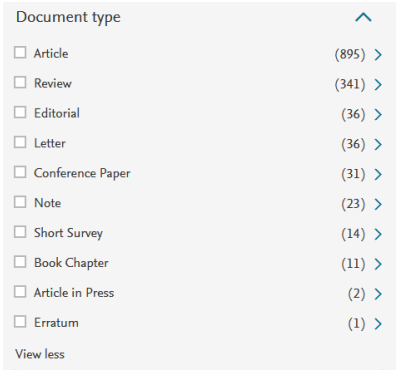

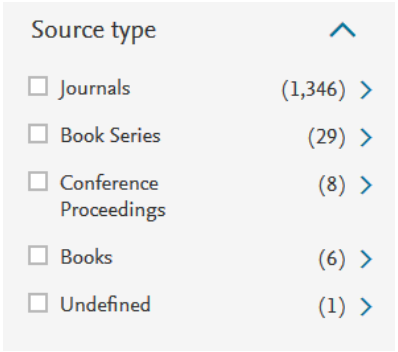

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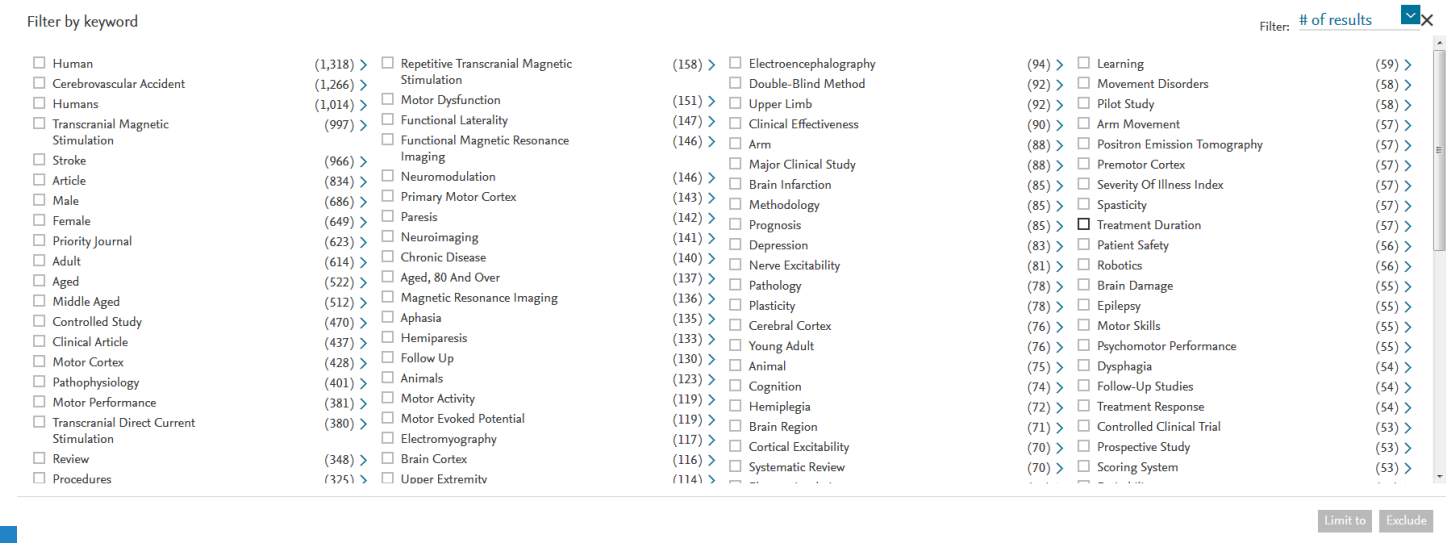

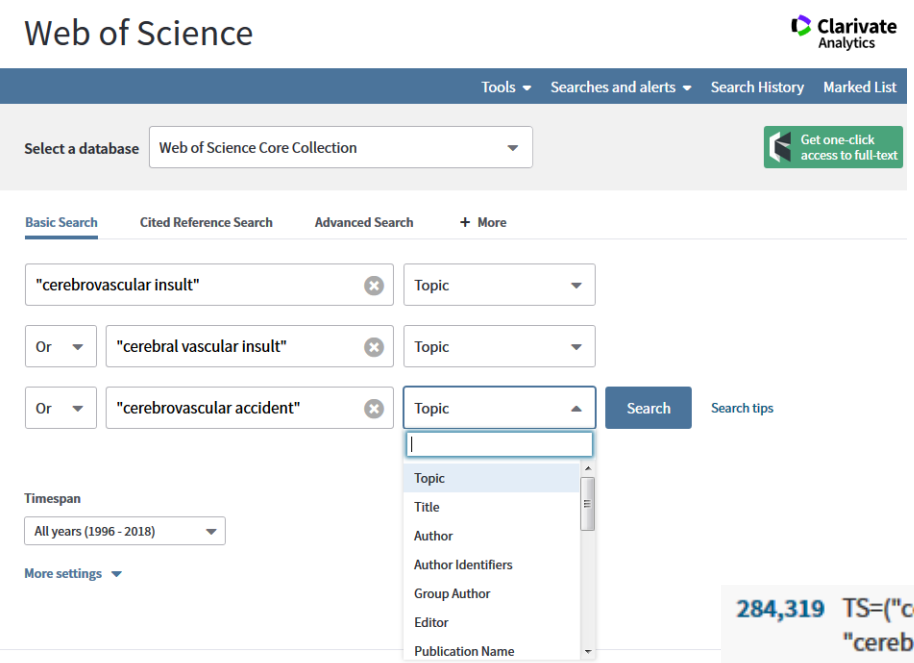

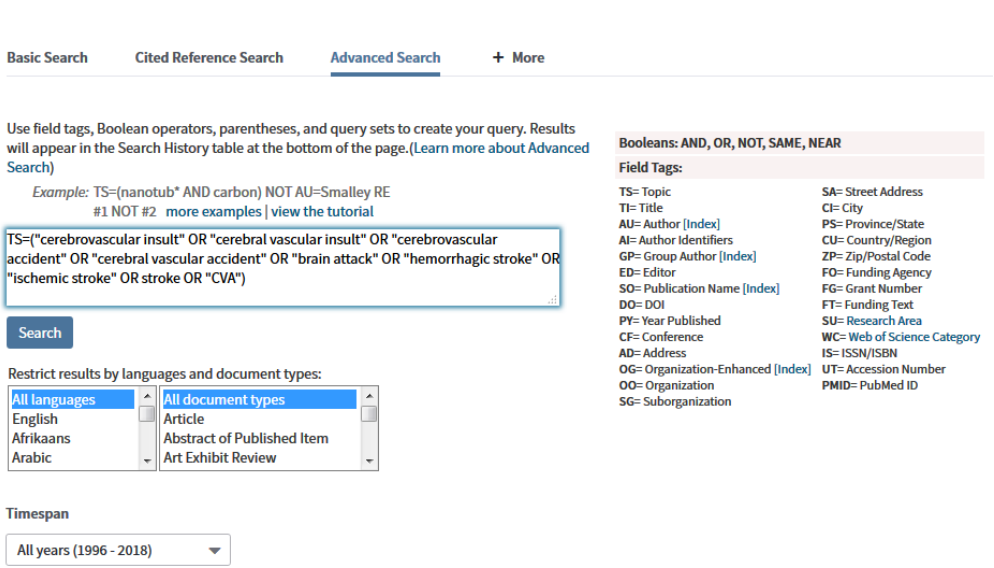

284,319 TS=("cerebrovascular insult" OR "cerebral vascular insult" OR "cerebrovascular accident" OR "cerebral vascular accident" OR "brain attack" OR "hemorrhagic stroke" OR "ischemic stroke" OR stroke OR "CVA")
Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, ESCI Timespan=All years

U multidisciplinarnoj bazi podataka, termin „stroke“ nije adekvatan termin za pretraživanje!

71,080 TS=("cerebrovascular insult" OR "cerebrovascular insults" OR "cerebral vascular insult" OR "cerebral vascular insults" OR "cerebrovascular accident" OR "cerebrovascular accidents" OR "cerebral vascular accident" OR "cerebral vascular accidents" OR "brain attack" OR "brain attacks" OR "hemorrhagic stroke" OR "hemorrhagic strokes"OR "ischemic stroke" OR "ischemic strokes" OR "CVA")
Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, ESCI Timespan=All years

68,846 TS=("cerebrovascular insult" OR "cerebral vascular insult" OR "cerebrovascular accident" OR "cerebral vascular accident" OR "brain attack" OR "hemorrhagic stroke" OR "ischemic stroke" OR "CVA")
Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, ESCI Timespan=All years

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					Combine	Select All / Delete
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# 2	68,846	TS=("cerebrovascular insult" OR "cerebral vascular insult" OR "cerebrovascular accident" OR "cerebral vascular accident" OR "brain attack" OR "hemorrhagic stroke" OR "ischemic stroke" OR "CVA") *Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, ESCI Timespan=All years*		Edit	☑	☐

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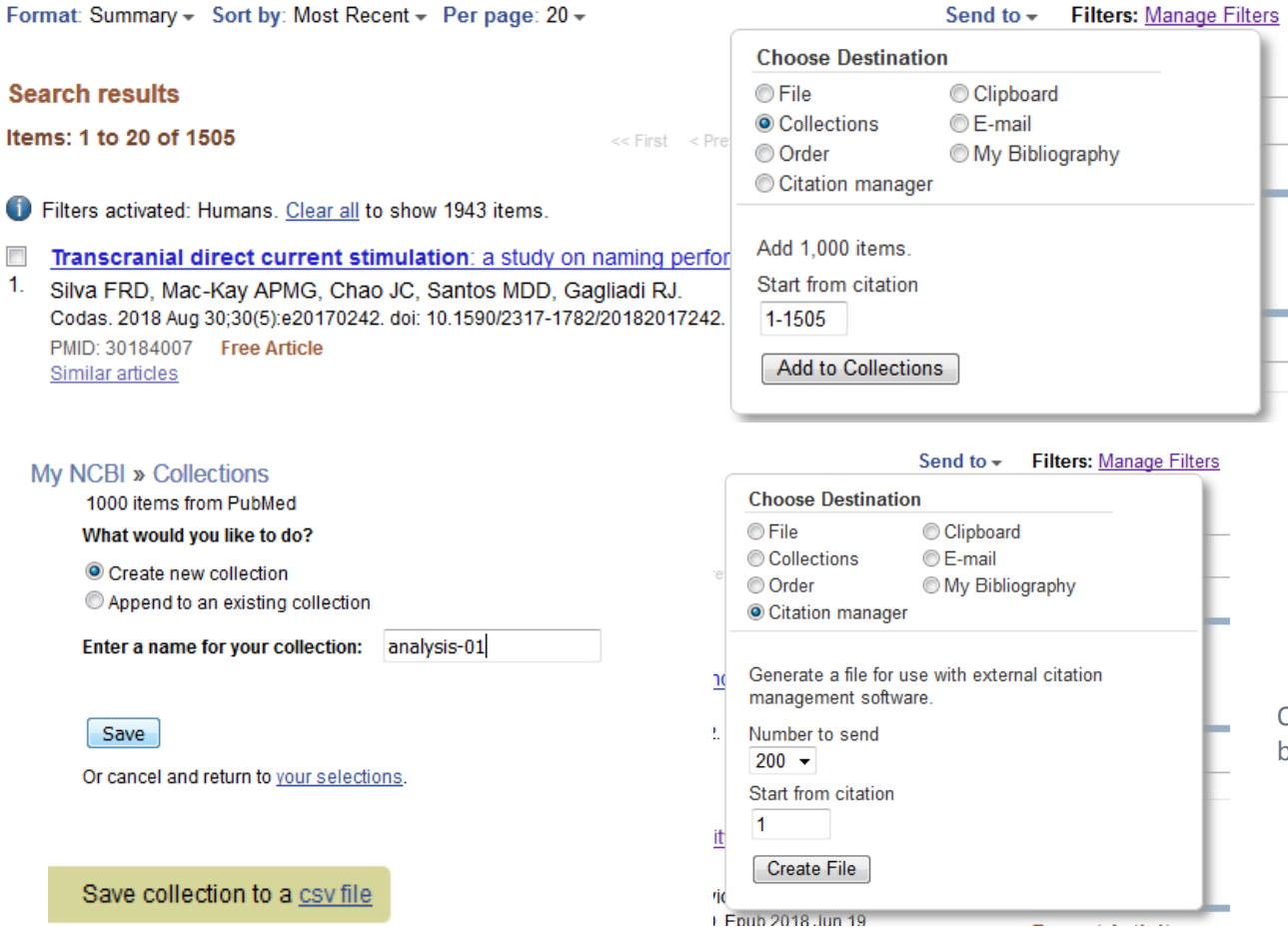

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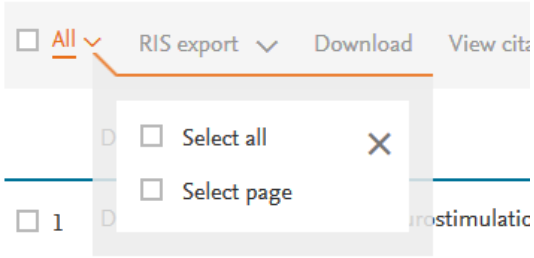

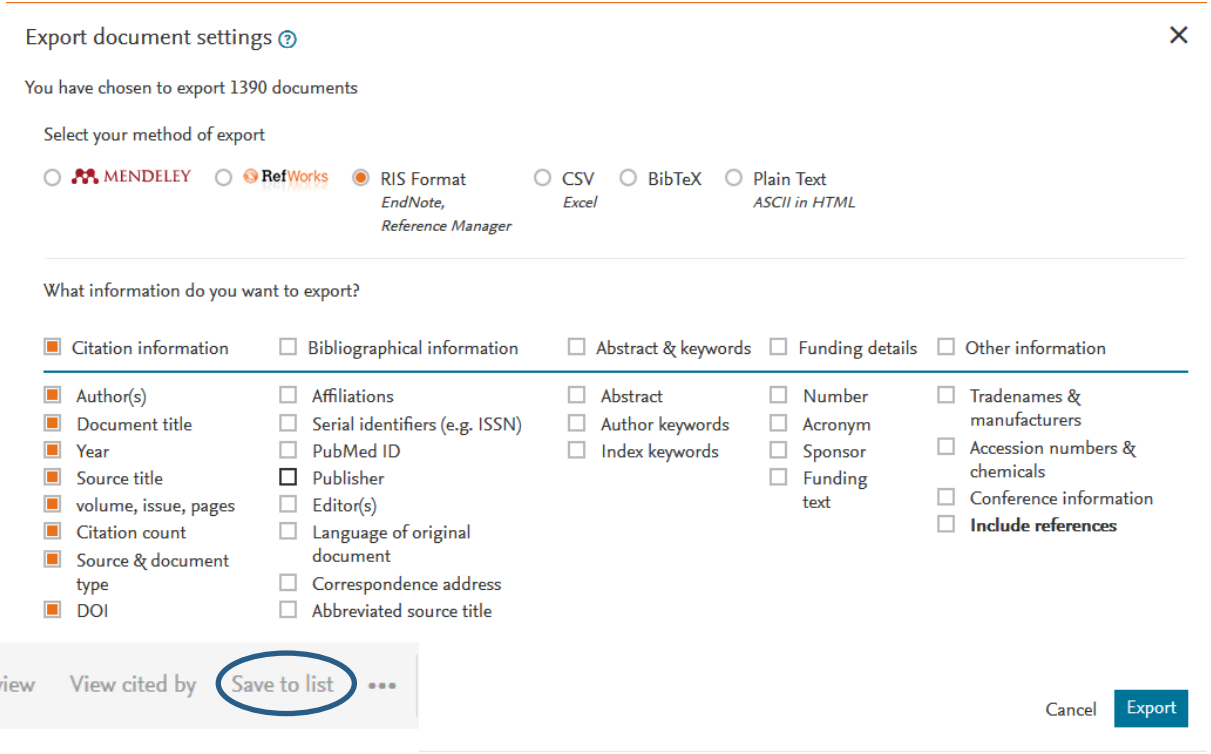

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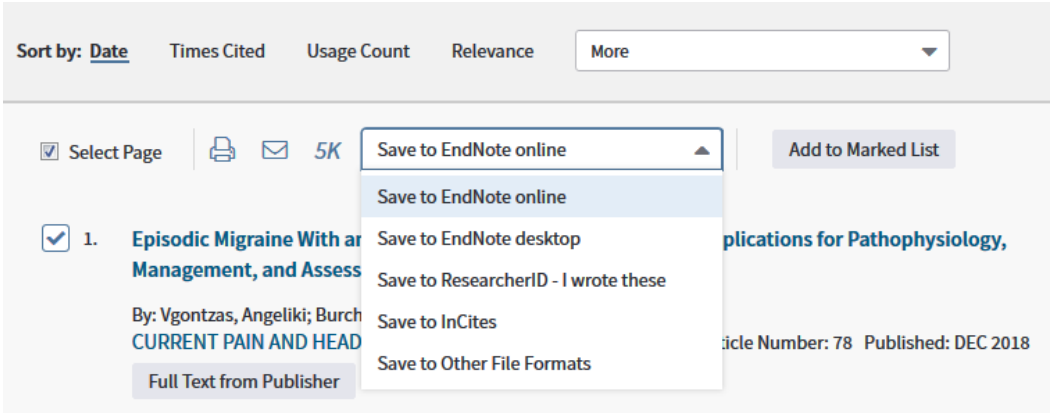

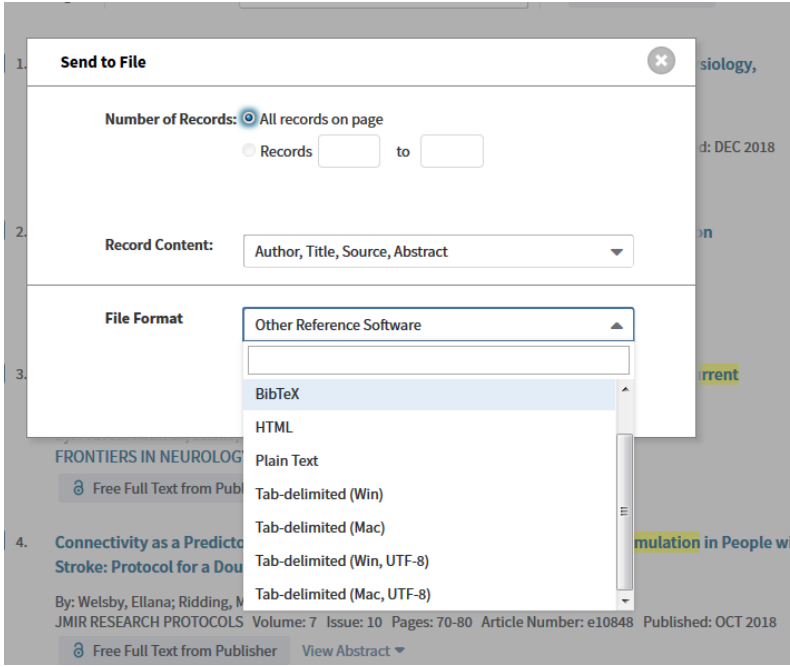

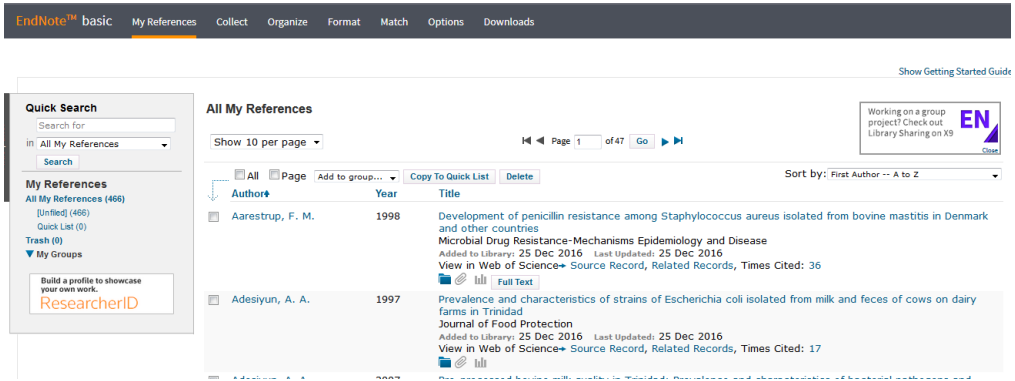

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45. Noninvasive human brain stimulation.
Wagner T, Valero-Cabre A, Pascual-Leone A.
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Reference
Nuijten, M. B., Hartgerink, C. H. J., van Assen, M. A. L. M., Epskamp, S., & Wicherts, J. M. (2015). The prevalence of statistical reporting errors in psychology (1985-2013). Behavior Research Methods. http://dx.doi.org/10.3758/s13428-015-0664-2

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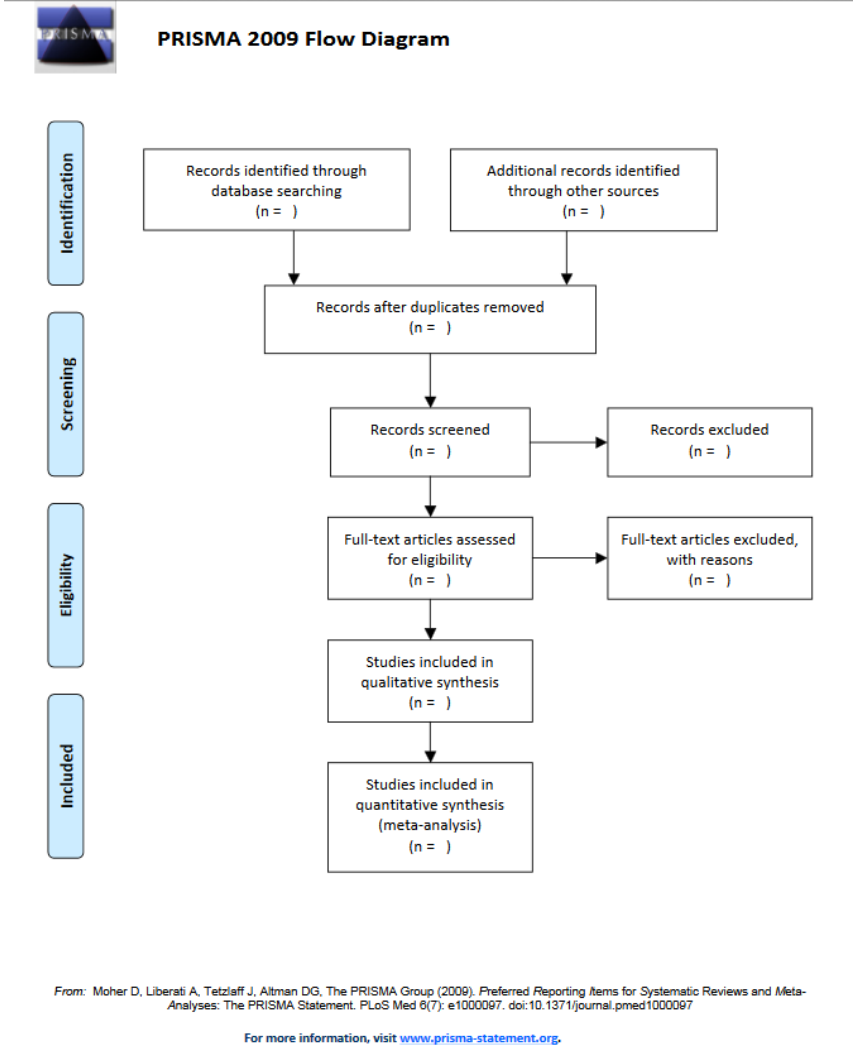

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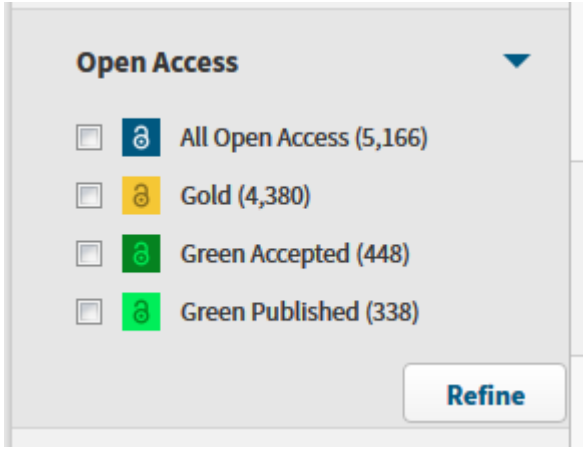

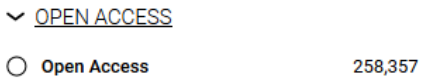

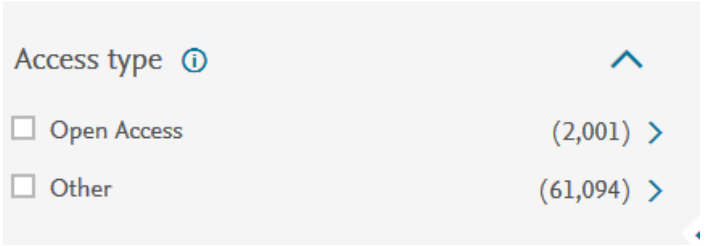

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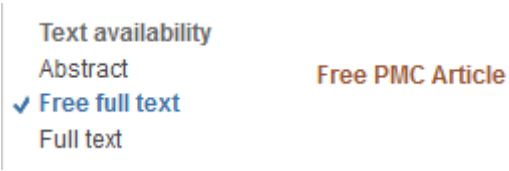

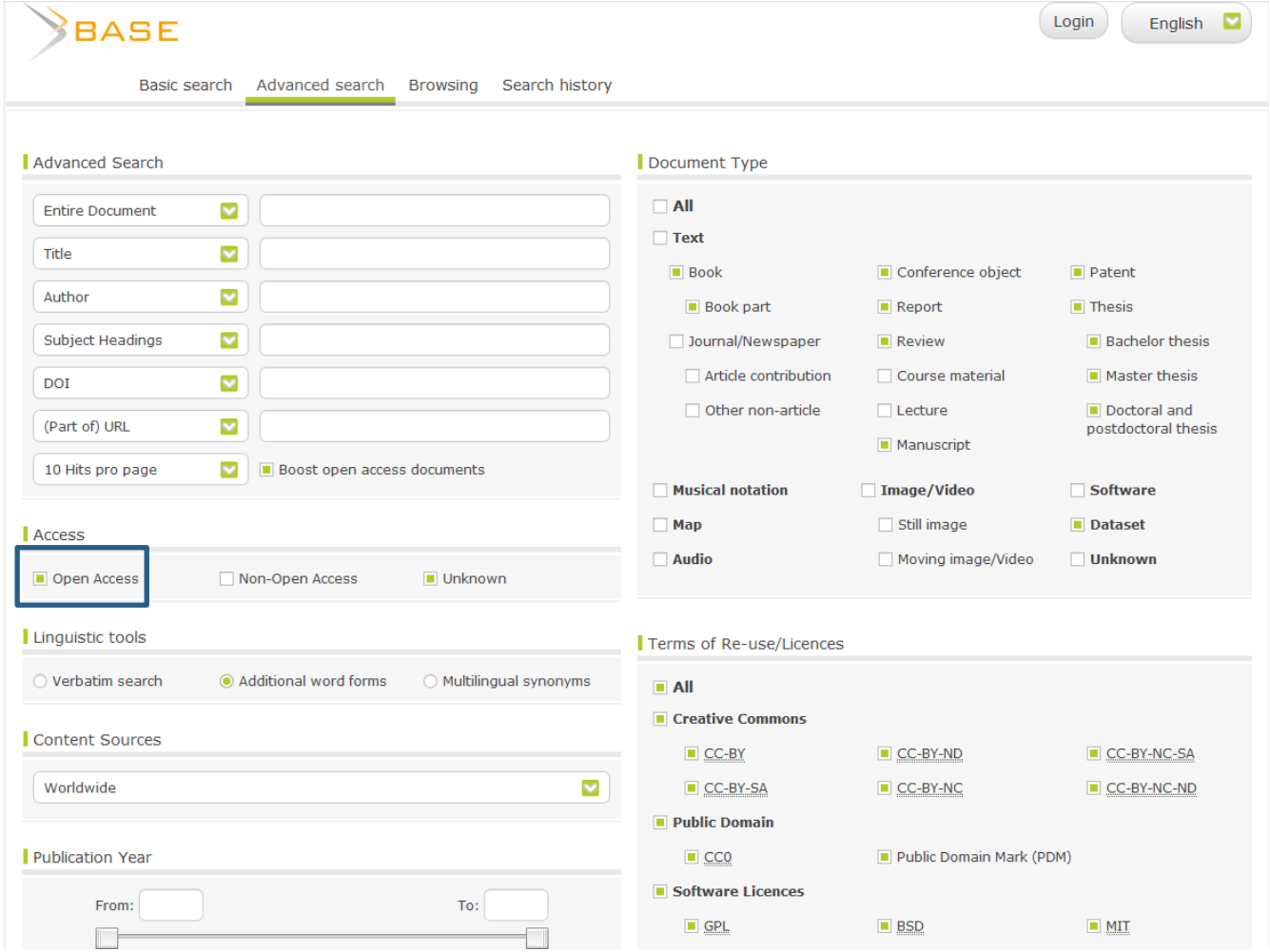

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RH Hamilton, EG Chrysikou, B Coslett - Brain and language, 2011 - Elsevier

One of the most frequent symptoms of unilateral **stroke** is aphasia, the impairment or loss of language functions. Over the past few years, behavioral and neuroimaging studies have shown that rehabilitation interventions can promote neuroplastic changes in aphasic ...

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F Fregni, A Pascual-Leone - Nature Reviews Neurology, 2007 - nature.com

... affected motor cortex. 46 Similar shifts in interhemispheric interactions have been postulated for parietal cortices in **strokes** that lead to a neglect syndrome. 47. Figure 2: Noninvasive **brain stimulation** in **stroke** Figure 2 After a ...

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