**Supplementary Table 1**

**Searches to identify studies for the SuRe Info chapter *Peer reviewing search strategies* (as at October 2020)**

**Search results**

|  |  |  |
| --- | --- | --- |
| **Date** | **Records retrieved** | **Total records retrieved** |
| January 2013 | 3597 | 3597 |
| February 2014 | 475 | 4072 |
| March 2015 | 750 | 4822 |
| September 2016 | 1318 | 6140 |
| October 2017 | 1601 | 7741 |
| March 2018 | 503 | 8244 |
| October 2018 | 574 | 8818 |
| March 2019 | 529 | 9347 |
| October 2019 | 853 | 10208 |
| March 2020 | 554 | 10762 |
| October 2020 | 1088 | 11850 |
| Handsearch | 8 | 11858 |

**Ovid MEDLINE and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily 1946 to October 20, 2020**

1 "peer review"/ (7495)

2 peer review, research/ (6870)

3 (peer$ adj5 (review$ or assess$)).ti,ab. (37287)

4 (colleague$ adj5 (review$ or assess$)).ti,ab. (802)

5 or/1-4 (47299)

6 "Information Storage and Retrieval"/ or exp Databases, Bibliographic/ (30926)

7 (search$ adj3 strateg$).ti,ab. (22350)

8 (literature adj3 search$).ti,ab. (64647)

9 (database$ adj3 search$).ti,ab. (65053)

10 (systematic$ adj3 search$).ti,ab. (40444)

11 (electronic$ adj3 search$).ti,ab. (24346)

12 (comprehensive$ adj3 search$).ti,ab. (12158)

13 or/6-12 (201073)

14 5 and 13 (7626)

15 Peer Review of Electronic Search Strateg$.ti,ab. (21)

16 (PRESS adj3 (checklist$ or instrument$ or tool$ or review$ or ebc)).ti,ab. (219)

17 or/14-16 (7834)

18 animals/ not humans/ (4712801)

19 17 not 18 (7753)

20 (202003$ or 202004$ or 202005$ or 202006$ or 202007$ or 202008$ or 202009$ or 202010$).ed,dt. (1444981)

21 19 and 20 (1492)

**PubMed (NLM): up to 21 October 2020**

22 #20 and #21 (628)

21 pubstatusaheadofprint OR publisher[sb] OR pubmednotmedline[sb] (3,894,961)

20 #18 NOT #19 (5,426)

19 animals [mh] NOT humans [mh] (4,747,154)

18 #15 OR #16 OR #17 (5,501)

17 "PRESS checklist"[TIAB] OR "PRESS checklists"[TIAB] OR "PRESS instrument"[TIAB] OR "PRESS instruments"[TIAB] OR "PRESS tool"[TIAB] OR "PRESS tools"[TIAB] OR "PRESS review"[TIAB] OR "PRESS reviews"[TIAB] OR "PRESS reviewing"[TIAB] OR "PRESS reviewed"[TIAB] OR "PRESS ebc"[TIAB] (28)

16 "Peer Review"[TIAB] AND "Electronic Search Strategies"[TIAB] (22)

15 #6 AND #14 (5,475)

14 #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 (288,408)

13 ("comprehensive search"[TIAB] OR "comprehensive searches"[TIAB] OR "comprehensive searching"[TIAB] OR "comprehensive searcher"[TIAB] OR "comprehensive searchers"[TIAB] OR "comprehensively search"[TIAB] OR "comprehensively searches"[TIAB] OR "comprehensively searching"[TIAB] OR "comprehensively searcher"[TIAB] OR "comprehensively searchers"[TIAB]) (5,725)

12 "electronic search"[TIAB] OR "electronic searches"[TIAB] OR "electronic searching"[TIAB] OR "electronic searcher"[TIAB] OR "electronic searchers"[TIAB] OR "electronically search"[TIAB] OR "electronically searches"[TIAB] OR "electronically searching"[TIAB] OR "electronically searcher"[TIAB] OR "electronically searchers"[TIAB] (7,439)

11 "systematic search"[TIAB] OR "systematic searches"[TIAB] OR "systematic searching"[TIAB] OR "systematic searcher"[TIAB] OR "systematic searchers"[TIAB] OR "systematically search"[TIAB] OR "systematically searches"[TIAB] OR "systematically searching"[TIAB] OR "systematically searcher"[TIAB] OR "systematically searchers"[TIAB] (18,032)

10 "database search"[TIAB] OR "database searches"[TIAB] OR "database searching"[TIAB] OR "database searcher"[TIAB] OR "database searchers"[TIAB] OR "databases search"[TIAB] OR "databases searches"[TIAB] OR "databases searching"[TIAB] OR "databases searcher"[TIAB] OR "databases searchers"[TIAB] (12,438)

9 "literature search"[TIAB] OR "literature searches"[TIAB] OR "literature searching"[TIAB] OR "literature searcher"[TIAB] (50,102)

8 "search strategy"[TIAB] OR "search strategies"[TIAB] OR "searching strategy"[TIAB] OR "searching strategies"[TIAB] OR "searcher strategy"[TIAB] OR "searcher strategies"[TIAB] OR "searchers strategy"[TIAB] OR "searchers strategies"[TIAB] (20,615)

7 ((("Information Storage and Retrieval"[Mesh]) OR "Databases, Bibliographic"[Mesh])) (185,861)

6 #1 OR #2 OR #3 OR #4 OR #5 (45,400)

5 ("colleague review"[TIAB] OR "colleague reviews"[TIAB] OR "colleague reviewed"[TIAB] OR "colleague reviewing"[TIAB] OR "colleagues review"[TIAB] OR "colleagues reviews"[TIAB] OR "colleagues reviewed"[TIAB] OR "colleagues reviewing"[TIAB]) (116)

4 "peer assess"[TIAB] OR "peer assesses"[TIAB] OR "peer assessed"[TIAB] or "peer assessment"[TIAB] OR "peer assessing"[TIAB] OR "peers assess"[TIAB] OR "peers assesses"[TIAB] OR "peers assessed"[TIAB] or "peers assessment"[TIAB] OR "peers assessing"[TIAB] (659)

3 ("peer review"[TIAB] OR "peer reviews"[TIAB] OR "peer reviewed"[TIAB] OR "peers review"[TIAB] OR "peers reviews"[TIAB] OR "peers reviewed"[TIAB]) AND ("peer review"[TIAB] OR "peer reviews"[TIAB] OR "peer reviewed"[TIAB] OR "peers review"[TIAB] OR "peers reviews"[TIAB] OR "peers reviewed"[TIAB]) (34,409)

2 "Peer Review, Research"[Mesh] (6,871)

1 "Peer Review"[Mesh] (15,709)

**Embase (Ovid): 1974 to 2020 week 42**

1 "peer review"/ (32023)

2 (peer$ adj5 (review$ or assess$)).ti,ab. (43918)

3 (colleague$ adj5 (review$ or assess$)).ti,ab. (1127)

4 or/1-3 (65086)

5 information retrieval/ (38761)

6 (search$ adj3 strateg$).ti,ab. (25550)

7 (literature adj3 search$).ti,ab. (82537)

8 (database$ adj3 search$).ti,ab. (82083)

9 (systematic$ adj3 search$).ti,ab. (50186)

10 (electronic$ adj3 search$).ti,ab. (30490)

11 (comprehensive$ adj3 search$).ti,ab. (15400)

12 or/5-11 (252536)

13 4 and 12 (8584)

14 Peer Review of Electronic Search Strateg$.ti,ab. (25)

15 (PRESS adj3 (checklist$ or instrument$ or tool$ or review$ or ebc)).ti,ab. (352)

16 or/13-15 (8926)

17 Animal/ or Animal Experiment/ or Nonhuman/ (8157015)

18 (rat or rats or mouse or mice or murine or rodent or rodents or hamster or hamsters or pig or pigs or porcine or minipig$ or rabbit or rabbits or dogs or dog or cats or cow or bovine or sheep or ovine or monkey or monkeys).ti,ab. (4270128)

19 17 or 18 (8953173)

20 exp Human/ or Human Experiment/ (21512600)

21 19 not (19 and 20) (6567643)

22 16 not 21 (8777)

23 ("202010" or "202011" or "202012" or "202013" or "202014" or "202015" or "202016" or "202017" or "202018" or "202019" or "202020" or "202021" or "202022" or "202023" or "202024" or "202025" or "202026" or "202027" or "202028" or "202029" or "202030" or "202031" or "202032" or "202033" or "202034" or "202035" or "202036" or "202037" or "202038" or "202039" or "202040" or "202041" or "202042").em. (1981300)

24 22 and 23 (1290)

**Citation searches**

(21 October 2020)

McGowan J, Sampson M, Salzwedel DM, Cogo E, Foerster V, Lefebvre C. PRESS Peer Review of Electronic Search Strategies: 2015 Guideline Statement. Journal of Clinical Epidemiology 2016;75:40-6.

Google Scholar 754 (Since 2020 – 279: potentially relevant 14)

Cited by PubMed 344 (Filters activated: Publication date: 2020/3/6 - 2020/10/21

– 95: potentially relevant 1)

McGowan J, Sampson M, Salzwedel DM, Cogo E, Foerster V, Lefebvre C.

PRESS – Peer Review of Electronic Search Strategies: 2015 Guideline Explanation and Elaboration (PRESS E&E). Ottawa: CADTH; 2016 Jan; 2016.

Google Scholar 3 (Since 2020 – 1: potentially relevant 0)

Not in PubMed

Sampson M, McGowan J, Cogo E, Grimshaw J, Moher D, Lefebvre C. An evidence-based practice guideline for the peer review of electronic search strategies. Journal of Clinical Epidemiology 2009;62(9):944-52.

Google Scholar 472 (Since 2020 – 31: potentially relevant 0)

Cited by PubMed 201 (Filters activated: Publication date Publication date: 2020/3/6 - 2020/10/21 – 5: potentially relevant 0)

Sampson M, McGowan J, Lefebvre C, Moher D, Grimshaw JM. PRESS: Peer Review of Electronic Search Strategies. Ottawa: Canadian Agency for Drugs and Technologies in Health; 2008.

http://www.cadth.ca/media/pdf/477\_PRESS-Peer-Review-Electronic-Search-Strategies\_tr\_e.pdf

Google Scholar 123 (Since 2020 – 3: potentially relevant 0)

Not in PubMed

Relevo R, Paynter R. Peer Review of Search Strategies. Methods Research Report. (Prepared by the Oregon Evidence-based Practice Center under Contract No. 290-2007-100572.) AHRQ Publication No. 12-EHC068-EF. Rockville, MD: Agency for Healthcare Research and Quality. June 2012. www.effectivehealthcare.ahrq.gov/reports/final.cfm.

Google Scholar 17 (Since 2020 – 0)

Cited by PubMed (*PMID: 22787681*) 0

Crumley E, Bhatnagar N, Stobart K. Peer reviewing comprehensive search strategies in hemophilia and von Willebrand disease. J Can Health Lib Assoc 2004;25(4):113-6.

Google Scholar 4 (Since 2020 – 0: potentially relevant 0)

Not in PubMed

McGowan J, Sampson M, Lefebvre C. An evidence based checklist for the peer review of electronic search strategies (PRESS EBC). Evidence Based Library and Information Practice 2010;5(1):149-54.

Google Scholar 167 (Since 2020 – 14: potentially relevant 0)

Not in PubMed

McGowan J, Sampson M, Lefebvre C. Can the quality of literature searches be measured and improved? The EHTAS Project [abstract]. Third International Evidence-based Librarianship Conference; 2005 Oct 16-19; Brisbane, Australia:41-2.

Google Scholar 3 (Since 2020 – 0)

Not in PubMed

Grossetta Nardini HK, Batten J, Funaro MC, Garcia-Milian R, Nyhan K, Spak JM, et al. Librarians as methodological peer reviewers for systematic reviews: results of an online survey. Res Integr Peer Rev 2019;4:23.

Google Scholar 5 (Since 2020 – 2: potentially relevant 1)

Cited by PubMed 0

**Author searches:**

(21 October 2020)

Embase (Ovid): 1974-2020 week 42

(McGowan$ and Sampson$ and Lefebvre$).au

Retrieved 2 records (Both PRESS J Clin Epid)

(Spry$ and Mierzwinski$).au

Retrieved 1 record (Spry, Res Synth Meth 2018)

(Relevo$ and Paynter$).au

Retrieved 0 records

(Grossetta Nardini$ and Batten$).au

Retrieved 0 records

Ovid MEDLINE and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily 1946 to October 20, 2020

(McGowan$ and Sampson$ and Lefebvre$).au

Retrieved 2 records (Both PRESS J Clin Epid)

(Spry$ and Mierzwinski$).au

Retrieved 1 record (Spry, Res Synth Meth 2018)

(Relevo$ and Paynter$).au

Retrieved 2 records (the Relevo 2012 AHRQ Report, and an AHRQ Lung Cancer Report, 2018)

(Grossetta Nardini$ AND Batten$).au

Retrieved 1 record (Grossetta Nardini, Res Integr Peer Rev 2019)

PubMed

McGowan[au] and Sampson[au] AND Lefebvre[au]

Retrieved 2 records (Both PRESS J Clin Epid)

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Relevo[au] and Paynter[au]

Retrieved 2 records (the Relevo 2012 AHRQ Report, and an AHRQ Lung Cancer Report, 2018)

Grossetta Nardini[au] AND Batten[au]

Retrieved 1 record (Grossetta Nardini, Res Integr Peer Rev 2019)