Studies retrieved from targeted databases (n=18,640)

Studies identified and screened for retrieval (n=5,808)

Studies screened on title and abstract (n=4,436)

Studies screened on full text (n=368)

Studies excluded
Exclusion of databases (n=11,406)
Author with “Wiki” in name (n=541)
Written before 2001 (n=885)
Total (n=12,832)

Studies excluded or not considered
Not mentioning wiki, knol or online collaboration tools (n=2,853)
Not healthcare field (n=1,059)
Protocol (n=7)
Conceptual framework (n=6)
Conference proceedings (n=4)
Editorial or opinion (n=106)
Literature review (n=33)
Total (n=4,068)

Studies excluded
Duplicates (n=1,372)

Grey literature
Google/Bing/Yahoo (n=1,200)
Mednar (n=400)
HTAi vortal (n=319)
Other sources (n=2)
Total (n=1,921)

Grey literature excluded
Duplicates (n=257)
Broken link (n=91)
Not healthcare field (n=625)
Not mentioning wikis or online collaboration tools (n=660)
No results (n=245)
Published paper already considered (n=14)
Total (n=1,892)

Grey literature included (n=30)

Papers added
Grey literature (n=30)
Suggestions by authors contacted (n=2)
Abstract from conference (n=3)
Total (n=35)

Studies considered (n=76)

Studies excluded or not considered
Wikipedia used only as a reference (n=6)
Genetics/Genomics (n=87)
Biology (n=32)
Chemistry (n=5)
Library Science (Medical or Health) (n=14)
Neural network modeling (n=1)
Medical informatics (n=12)
Clinical trials and wikis (n=11)
Psychology of wiki users (n=5)
No results (n=119)
Total (n=292)

Studiesanalysed (n=111)

Group 1: Patterns of use of online collaborative writing applications* (n=25)
Group 2: Quality of information in different collaborative writing applications* (n=25)
Group 3: Collaborative writing applications used as knowledge translation intervention* (n=73)

*10 papers are classified in two groups, and 1 is classified in all three groups