

1. Medline

Interface: Ovid MEDLINE(R) ALL

Date of Search: 15 March 2024

Number of hits: 1,039

Comment: In Ovid, two or more words are automatically searched as phrases; i.e. no quotation marks are needed

Field labels

- exp/ = exploded MeSH term
- / = non exploded MeSH term
- .ti,ab,kf. = title, abstract and author keywords
- adjx = within x words, regardless of order
- * = truncation of word for alternate endings

Database(s): **Ovid MEDLINE(R) ALL** 1946 to March 14, 2024

Search Strategy:

#	Searches	Results
1	exp Glaucoma/	60791
2	glaucoma*.ti,ab,kf.	73844
3	1 or 2	84454
4	exp Metabolomics/	28546
5	exp Metabolome/	16468
6	exp Glaucoma/bl	473
7	(metabol* or lipidom* or metabonomic*).ti,ab,kf.	1607230
8	or/4-7	1609871
9	3 and 8	1902
10	(animals not humans).sh.	5169143
11	9 not 10	1684
12	limit 11 to english language	1447
13	limit 12 to "review articles"	377
14	review.ti.	743520
15	(review or systematic review or editorial or letter or study guide).pt.	5324096
16	13 or 14 or 15	5514509
17	12 not 16	1039

2. Embase

Interface: embase.com		Field labels • /exp = exploded Emtree term • /de = non exploded Emtree term • ti,ab,kw = title, abstract and author keywords • NEAR/x = within x words, regardless of order • * = truncation of word for alternate endings
Date of Search: 15 March 2024		
Number of hits: 974		
Comment: Emtree is the controlled vocabulary in Embase		
No.	Query	Results
#12	#8 NOT #9 NOT ([animals]/lim NOT [humans]/lim) AND [english]/lim	974
#11	#8 NOT #9 NOT ([animals]/lim NOT [humans]/lim)	1149
#10	#8 NOT #9	1418
#9	#3 AND #7 AND ([conference abstract]/lim OR [conference paper]/lim OR [conference review]/lim OR [editorial]/lim OR [letter]/lim OR [review]/lim)	1173
#8	#3 AND #7	2591
#7	#4 OR #5 OR #6	1978709
#6	metabol*:ti,ab,kw OR lipidom*:ti,ab,kw OR metabonomic*:ti,ab,kw	1971379
#5	'metabolome'/exp	17646
#4	'metabolomics'/exp	64672
#3	#1 OR #2	127076
#2	glaucoma*:ti,ab,kw	94901
#1	'glaucoma'/exp	113485

4. Web of Science Core Collection

Interface: Clarivate Analytics	Field labels
Editions = A&HCI , ESCI , SCI-EXPANDED , SSCI	• TS/Topic = title, abstract, author keywords and Keywords Plus • NEAR/x = within x words, regardless of order • * = truncation of word for alternate endings
Date of Search: 15 March 2024	Note: the <i>Exact search</i> -function was used for all the searches
Number of hits: 929	

#	Search Query	Results
1	TS=glaucoma*	78109
2	TS=(metabol* or lipidom* or metabonomic*)	1951239
3	#2 AND #1	1674
4	#2 AND #1 and Article or Early Access (Document Types)	1220
5	#2 AND #1 and Article or Early Access (Document Types) and Article or Early Access (Document Types)	1220
6	#2 AND #1 and Article or Early Access (Document Types) and Article or Early Access (Document Types) and English (Languages)	1177
7	TS=((animal* OR rat OR rats OR mouse OR mice OR murine OR dog OR dogs OR canine OR cat OR cats OR feline OR rabbit OR cow OR cows OR bovine OR rodent* OR sheep OR ovine OR pig OR swine OR porcine OR veterinar* OR chick* OR zebrafish* OR baboon* OR nonhuman* OR primate* OR cattle* OR goose OR geese OR duck OR macaque* OR avian* OR bird* OR fish*) NOT (human* OR patient* OR women OR woman OR men OR man))	5343371
8	#6 NOT #7	929