

Supplementary file 3: Search Strategies of Systematic Review, by database

Medline (via PubMed):10 July 2017

Medline		
Search	Query	Hits
1	Dementia/ or exp Alzheimer Disease/	117464
2	Cognitive Dysfunction/	5918
3	Cognition/	81481
4	(dementia or alzheimer*).ti,ab.	174908
5	((cognit* or memory or mental) adj3 (impair* or decline* or deficit* or reduc* or function*)).ti,ab.	166793
6	or/1-5	370522
7	Primary Prevention/	16883
8	prevent*.ti,ab.	1207345
9	(protect* or reduc* or delay* or improv*).ti.	710454
10	or/7-9	1858549
11	6 and 10	39070
12	Dementia/pc or exp Alzheimer Disease/pc or Cognitive Dysfunction/pc [Prevention & Control]	4039
13	11 or 12	41057
14	exp Education, Continuing/	60977
15	((continuing or adult) adj2 (education or training)).af.	80639
16	(lifelong learning or life-long learning).af.	2396
17	education/ or exp curriculum/ or exp education, distance/ or exp education, nonprofessional/ or exp educational measurement/ or exp international educational exchange/ or mentoring/ or exp schools/ or exp teaching/	500562
18	Learning/	56308
19	Students/	47445
20	exp Educational Status/	47641
21	(learn* or class or classes or course? or educat* or school* or train* or seminar* or tutor*).ti.	569072
22	education.fs. not exp Health Personnel/ed	200448
23	(cognitiv* adj2 (stimulat* or activit*)).ti.	742
24	or/14-23	1075912
25	13 and 24	3357
26	exp Dementia/dt [Drug Therapy]	17955
27	25 not 26	3243
28	exp animals/ not exp humans/	4438320
29	27 not 28	2497
30	exp age groups/ not (exp aged/ or middle aged/)	3709828
31	29 not 30	1838
32	limit 31 to yr="1990 -Current"	1805
33	remove duplicates from 32	1695

Medline (via PubMed): updated 5 April 2018

Search	Query	Results
1	Dementia/ or exp Alzheimer Disease/	118649
2	Cognitive Dysfunction/	7920
3	Cognition/	82659
4	(dementia or alzheimer*).ti,ab.	178991
5	((cognit* or memory or mental) adj3 (impair* or decline* or deficit* or reduc* or function*)).ti,ab.	171636
6	or/1-5	378202
7	Primary Prevention/	16649
8	prevent*.ti,ab.	1222908
9	(protect* or reduc* or delay* or improv* or increas* or decreas*).ti.	1008130
10	or/7-9	2152629
11	6 and 10	46477
12	Dementia/pc or exp Alzheimer Disease/pc or Cognitive Dysfunction/pc or Cognition Disorders/pc [Prevention & Control]	6391
13	Cognitive Reserve/	388
14	cognitive reserve.ti,ab.	949
15	or/11-14	50722
16	exp Education, Continuing/	58777
17	((continuing or adult) adj2 (education or training)).af.	77985
18	(lifelong learning or life-long learning).af.	2438
19	education/ or exp curriculum/ or exp education, distance/ or exp education, nonprofessional/ or exp educational measurement/ or exp international educational exchange/ or mentoring/ or exp schools/ or exp teaching/	561833
20	Learning/	57102
21	Students/	48337
22	exp Educational Status/	47241
23	(learn* or class or classes or course? or educat* or school* or train* or seminar* or tutor*).ti.	571948
24	education.fs. not exp Health Personnel/ed	199668
25	(cognitiv* adj2 (stimulat* or activit*)).ti.	773
26	(late-life adj2 (activity or activities or learn* or school* or educat* or training)).ti,ab.	93
27	or/16-26	1135186
28	15 and 27	4360
29	exp Dementia/dt [Drug Therapy]	18096
30	28 not 29	4227
31	exp animals/ not exp humans/	4439627
32	30 not 31	3347
33	exp age groups/ not (exp aged/ or middle aged/)	3685655
34	32 not 33	2546
35	(201707* or 201708* or 201709* or 20171* or 2018*).ed.	749049
36	("2017/07*" or "2017/08*" or "2017/09*" or "2017/1*" or 2018*).dt.	942206
37	35 or 36	1540516
38	34 and 37	364
39	limit 34 to yr="2017 -Current"	348
40	38 or 39	435

Cochrane Library (10 July 2017)

Cochrane Library		
Search	Query	Hits
#1	[mh ^Dementia] or [mh "Alzheimer Disease"]	4053
#2	[mh ^"Cognitive Dysfunction"]	0
#3	[mh ^Cognition]	6276
#4	(dementia or alzheimer*):ti,ab,kw	11882
#5	((cognit* or memory or mental) near/3 (impair* or decline* or deficit* or reduc* or function*)):ti,ab	16173
#6	{or #1-#5}	27711
#7	[mh ^"Primary Prevention"]	1008
#8	prevent*:ti,ab,kw	107750
#9	(protect* or reduc* or delay* or improv*):ti	77161
#10	{or #7-#9}	175365
#11	#6 and #10	4432
#12	[mh Dementia/pc] or [mh ^"Cognitive Dysfunction"/pc]	208
#13	#11 or #12	4532
#14	[mh "Education, Continuing"]	1168
#15	((continuing or adult) near/2 (education or training)):ti,ab,kw	2819
#16	("lifelong learning" or "life-long learning"):ti,ab,kw	19
#17	[mh ^education] or [mh curriculum] or [mh "education, distance"] or [mh "education, nonprofessional"] or [mh "educational measurement"] or [mh "international educational exchange"] or [mh ^mentoring] or [mh schools] or [mh teaching]	21839
#18	[mh ^Learning]	1809
#19	[mh ^Students]	2041
#20	[mh "Educational Status"]	1348
#21	(learn* or class or classes or course or courses or educat* or school* or train* or seminar* or tutor*):ti	45060
#22	(cognitiv* near/2 (stimulat* or activit*)):ti	212
#23	(learning or ((education or training) near/2 (nonprofessional or non-professional or distance)) or teaching):kw	12784
#24	{or #14-#23}	67085
#25	#13 and #24	784
#26	[mh "age groups"] not ([mh aged] or [mh "middle aged"])	104635
#27	#25 not #26	691
#28	#27 Publication Year from 1990 to 2017	691

Cochrane Library (updated 9 April 2018)

ID	Search	Hits
#1	[mh ^Dementia] or [mh "Alzheimer Disease"]	4263
#2	[mh ^"Cognitive Dysfunction"]	450
#3	[mh ^Cognition]	6675
#4	(dementia or alzheimer*):ti,ab,kw	13099
#5	((cognit* or memory or mental) near/3 (impair* or decline* or deficit* or reduc* or function*)):ti,ab	18089
#6	{or #1-#5}	30564
#7	[mh ^"Primary Prevention"]	1065
#8	prevent*:ti,ab,kw	115159
#9	(protect* or reduc* or delay* or improv* or increas* or decreas*):ti	102653
#10	{or #7-#9}	205354
#11	#6 and #10	5434
#12	[mh Dementia/pc] or [mh ^"Cognitive Dysfunction"/pc] or [mh ^"Cognition Disorders"/pc]	603
#13	[mh ^"Cognitive Reserve"]	8
#14	cognitive reserve:ti,ab,kw	51
#15	{or #11-#14}	5791
#16	[mh "Education, Continuing"]	1209
#17	((continuing or adult) near/2 (education or training)):ti,ab,kw	3051
#18	("lifelong learning" or "life-long learning"):ti,ab,kw	21
#19	[mh ^education] or [mh curriculum] or [mh "education, distance"] or [mh "education, nonprofessional"] or [mh "educational measurement"] or [mh "international educational exchange"] or [mh ^mentoring] or [mh schools] or [mh teaching]	26602
#20	[mh ^Learning]	1962
#21	[mh ^Students]	2250
#22	[mh "Educational Status"]	1407
#23	(learn* or class or classes or course or courses or educat* or school* or train* or seminar* or tutor*):ti	48313
#24	(cognitiv* near/2 (stimulat* or activit*)):ti	246
#25	(learning or ((education or training) near/2 (nonprofessional or non-professional or distance)) or teaching):kw	14622
#26	(late-life near/2 (activity or activities or learn* or school* or educat* or training)):ti,ab,kw	8
#27	{or #16-#26}	75572
#28	#15 and #27	1055
#29	[mh "age groups"] not ([mh aged] or [mh "middle aged"])	109483
#30	#28 not #29	937
#31	#30 Publication Year from 2017 to 2018	106

Embase (10 July 2017)

Embase		
Search	Query	Hits
#1	'dementia'/de	97110
#2	'alzheimer disease'/exp	156558
#3	'mild cognitive impairment'/exp	17067
#4	dementia:ti,ab OR alzheimer*:ti,ab	226442
#5	((cognit* OR memory OR mental) NEAR/3 (impair* OR decline* OR deficit* OR reduc* OR function*)):ti,ab	221649
#6	#1 OR #2 OR #3 OR #4 OR #5	432689
#7	'primary prevention'/exp	33540
#8	'preventive medicine'/exp	25875
#9	prevent*:ti,ab	1469112
#10	protect*:ti OR reduc*:ti OR delay*:ti OR improv*:ti	850362
#11	#7 OR #8 OR #9 OR #10	2260166
#12	#6 AND #11	49357
#13	'dementia'/dm_pc	1833
#14	'mild cognitive impairment'/exp/dm_pc	90
#15	'alzheimer disease'/exp/dm_pc	4342
#16	#12 OR #13 OR #14 OR #15	52112
#17	'continuing education'/exp OR 'continuing education provider'/exp	29360
#18	((continuing OR adult) NEAR/2 (education OR training)):ti,ab	24617
#19	lifelong learning':ti,ab OR 'life-long learning':ti,ab	1695
#20	'education'/de OR 'adult education'/exp OR 'lifelong learning'/exp OR 'mentoring'/exp OR 'masters education'/exp OR 'postdoctoral education'/exp OR 'postgraduate education'/exp OR 'community college'/exp OR 'university'/exp	466817
#21	learn*:ti OR class:ti OR classes:ti OR course*:ti OR educat*:ti OR school*:ti OR train*:ti OR seminar*:ti OR tutor*:ti	633869
#22	(cognitiv* NEAR/2 (stimulat* OR activit*)):ti	930
#23	#17 OR #18 OR #19 OR #20 OR #21 OR #22	1006895
#24	#16 AND #23	3837
#25	'animal'/exp NOT 'human'/exp	4833576
#26	#24 NOT #25	2924
#27	'groups by age'/exp NOT ('middle aged'/exp OR 'aged'/exp)	5653684
#28	#26 NOT #27	2223
#29	#28 AND [1990-2017]/py	2199
#30	'medication therapy management'/exp OR 'dementia'/exp/dm_dt OR 'pharmaceutical vehicles and additives'/exp	1386295
#31	#29 NOT #30	2022
#32	#31 NOT 'conference abstract'/it	996

Embase (updated 9 April 2018)

No.	Query	Hits
#1	'dementia'/exp	308108
#2	'alzheimer disease'/exp	167836
#3	'mild cognitive impairment'/exp	19554
#4	dementia:ti,ab OR alzheimer*:ti,ab	245698
#5	((cognit* OR memory OR mental) NEAR/3 (impair* OR decline* OR deficit* OR reduc* OR function*)):ti,ab	244483
#6	#1 OR #2 OR #3 OR #4 OR #5	519886
#7	'primary prevention'/exp	35604
#8	'preventive medicine'/exp	26670
#9	prevent*:ti,ab	1576370
#10	protect*:ti OR reduc*:ti OR delay*:ti OR improv*:ti OR increas*:ti OR decreas*:ti	1272239
#11	#7 OR #8 OR #9 OR #10	2758722
#12	#6 AND #11	66376
#13	'dementia'/dm_pc	1929
#14	'mild cognitive impairment'/exp/dm_pc	101
#15	'alzheimer disease'/exp/dm_pc	4515
#16	'cognitive reserve'/exp	1346
#17	'cognitive reserve':ti,ab	1463
#18	#12 OR #13 OR #14 OR #15 OR #16 OR #17	70716
#19	'continuing education'/exp OR 'continuing education provider'/exp	30115
#20	((continuing OR adult) NEAR/2 (education OR training)):ti,ab	25787
#21	'lifelong learning':ti,ab OR 'life-long learning':ti,ab	1820
#22	'education'/de OR 'adult education'/exp OR 'lifelong learning'/exp OR 'mentoring'/exp OR 'masters education'/exp OR 'postdoctoral education'/exp OR 'postgraduate education'/exp OR 'community college'/exp OR 'university'/exp	492706
#23	learn*:ti OR class:ti OR classes:ti OR course*:ti OR educat*:ti OR school*:ti OR train*:ti OR seminar*:ti OR tutor*:ti	669572
#24	(cognitiv* NEAR/2 (stimulat* OR activit*)):ti	1040
#25	('late life' NEAR/2 (activity OR activities OR learn* OR school* OR educat* OR training)):ti,ab	131
#26	#19 OR #20 OR #21 OR #22 OR #23 OR #24 OR #25	1064036
#27	#18 AND #26	5231
#28	'animal'/exp NOT 'human'/exp	5020589
#29	#27 NOT #28	4140
#30	'groups by age'/exp NOT ('middle aged'/exp OR 'aged'/exp)	6115551
#31	#29 NOT #30	3114
#32	'medication therapy management'/exp OR 'dementia'/exp/dm_dt OR 'pharmaceutical vehicles and additives'/exp	1465869
#33	#31 NOT #32	2862
#34	#33 NOT 'conference abstract'/it	1380
#35	#34 AND [1-7-2017]/sd NOT [9-4-2018]/sd	131
#36	#34 AND [2017-2018]/py	174
#37	#35 OR #36	189

CINHAL (10 July 2017)

Search	Query	Limiters/Expanders	Hits
S1	(MH "Dementia") OR (MH "Alzheimer's Disease")	Search modes - Find all my search terms	37751
S2	dementia OR alzheimer*	Search modes - Find all my search terms	46604
S3	((cognit* OR memory OR mental) N3 (impair* OR decline* OR deficit* OR reduc* OR function*))	Search modes - Find all my search terms	29346
S4	S1 OR S2 OR S3	Search modes - Find all my search terms	67725
S5	(MH "Preventive Health Care")	Search modes - Find all my search terms	1075
S6	TI prevent* OR AB prevent*	Search modes - Find all my search terms	170718
S7	TI (protect* OR reduc* OR delay* OR improv*)	Search modes - Find all my search terms	124328
S8	S5 OR S6 OR S7	Search modes - Find all my search terms	290518
S9	S4 AND S8	Search modes - Find all my search terms	6261
S10	(MH "Dementia/PC") OR (MH "Alzheimer's Disease/PC")	Search modes - Find all my search terms	2009
S11	S9 OR S10	Search modes - Find all my search terms	7692
S12	(MH "Education, Continuing") OR (MH "Continuing Education Providers") OR (MH "Education, Diploma Programs") OR (MH "Education, Continuing (Credit)") OR (MH "Education, Masters") OR (MH "Education, Post-Doctoral")	Search modes - Find all my search terms	87064
S13	(MH "Learning") OR (MH "Lifelong Learning")	Search modes - Find all my search terms	10771
S14	(MH "Education, Nonprofessional") OR (MH "Adult Education") OR (MH "Education, Non-Traditional+")	Search modes - Find all my search terms	7406
S15	TI (learn* OR class OR classes OR course* OR educat* OR school* OR train* OR seminar* OR tutor*) OR TI (cognitiv* N2 (stimulat* OR activit*))	Search modes - Find all my search terms	180228

S16	"lifelong learning" OR "life-long learning" OR ((continuing OR adult) N2 (education OR training))	Search modes - Find all my search terms	106290
S17	S12 OR S13 OR S14 OR S15 OR S16	Search modes - Find all my search terms	27,763
S18	S11 AND S17	Search modes - Find all my search terms	667
S19	MH "Animal Studies"	Search modes - Find all my search terms	39763
S20	S18 NOT S19	Search modes - Find all my search terms	618
S21	MH "Named Groups by Age+" NOT (MH "Middle Age" OR MH "Aged+")	Search modes - Find all my search terms	55371
S22	S20 NOT S21	Search modes - Find all my search terms	552
S23	S22	Limiters - Published Date: 19900101-20171231	557

CINHAL (8 April 2018)

Search	Query	Limiters/Expanders	Results
S1	(MH "Dementia") OR (MH "Alzheimer's Disease")	Search modes - Find all my search terms	40,224
S2	dementia OR alzheimer*	Search modes - Find all my search terms	50,090
S3	((cognit* OR memory OR mental) N3 (impair* OR decline* OR deficit* OR reduc* OR function*))	Search modes - Find all my search terms	32,856
S4	S1 OR S2 OR S3	Search modes - Find all my search terms	73,809
S5	(MH "Preventive Health Care")	Search modes - Find all my search terms	11,313
S6	TI prevent* OR AB prevent*	Search modes - Find all my search terms	186,284
S7	TI (protect* OR reduc* OR delay* OR improv*)	Search modes - Find all my search terms	134,37
S8	S5 OR S6 OR S7	Search modes - Find all my search terms	315,336
S9	S4 AND S8	Search modes - Find all my search terms	7,002
S10	(MH "Dementia/PC") OR (MH "Alzheimer's Disease/PC")	Search modes - Find all my search terms	2,127
S11	S9 OR S10	Search modes - Find all my search terms	8,479
S12	(MH "Education, Continuing") OR (MH "Continuing Education Providers") OR (MH "Education, Diploma Programs") OR (MH "Education, Continuing (Credit)") OR (MH "Education, Masters") OR (MH "Education, Post-Doctoral")	Search modes - Find all my search terms	89,104
S13	(MH "Learning") OR (MH "Lifelong Learning")	Search modes - Find all my search terms	11,971
S14	(MH "Education, Nonprofessional") OR (MH "Adult Education") OR (MH "Education, Non-Traditional+")	Search modes - Find all my search terms	7,799
S15	TI (learn* OR class OR classes OR course* OR educat* OR school* OR train* OR seminar* OR tutor*) OR TI (cognitiv* N2 (stimulat* OR activit*))	Search modes - Find all my search terms	191,967
S16	"lifelong learning" OR "life-long learning" OR ((continuing OR adult) N2 (education OR training)) OR ("late life" N1 (activity OR activities OR learn* OR school* OR educat* OR training))	Search modes - Find all my search terms	109,49

S17	S12 OR S13 OR S14 OR S15 OR S16	Search modes - Find all my search terms	290,595
S18	S11 AND S17	Search modes - Find all my search terms	753
S19	MH "Animal Studies"	Search modes - Find all my search terms	43,810
S20	S18 NOT S19	Search modes - Find all my search terms	691
S21	MH "Named Groups by Age+" NOT (MH "Middle Age" OR MH "Aged+")	Search modes - Find all my search terms	595,044
S22	S20 NOT S21	Search modes - Find all my search terms	617
S23	S22	Limiters - Published Date: 20170101-	78
S24	S22 AND EM 20170701-	Search modes - Find all my search terms	66
S25	S23 OR S24	Search modes - Find all my search terms	95

ERIC (10 July 2017)

Search	Query	Limiters/Expanders	Hits
S1	DE "Dementia" OR DE "Alzheimers Disease"	Search modes - Find all my search terms	1036
S2	DE "Cognitive Ability"	Search modes - Find all my search terms	8133
S3	dementia OR alzheimer*	Search modes - Find all my search terms	1286
S4	((cognit* OR memory OR mental) N3 (impair* OR decline* OR deficit* OR reduc* OR function*))	Search modes - Find all my search terms	6424
S5	S1 OR S2 OR S3 OR S4	Search modes - Find all my search terms	14489
S6	(DE "Early Intervention" OR DE "Prevention") OR (DE "Preventive Medicine")	Search modes - Find all my search terms	22132
S7	TI prevent* OR AB prevent*	Search modes - Find all my search terms	33142
S8	TI (protect* OR reduc* OR delay* OR improv*)	Search modes - Find all my search terms	30866
S9	S6 OR S7 OR S8	Search modes - Find all my search terms	71745
S10	S5 AND S9	Search modes - Find all my search terms	828
S11	DE "Adult Education" OR DE "Adult Basic Education" OR DE "Continuing Education" OR DE "Migrant Adult Education" OR DE "Preretirement Education" OR DE "Public School Adult Education" OR DE "Veterans Education"	Search modes - Find all my search terms	56528
S12	DE "Adult Learning" OR DE "Adult Programs" OR DE "Adult Reading Programs" OR DE "High School Equivalency Programs" OR DE "Evening Programs" OR DE "Part Time Students" OR DE "Distance Education" OR DE "Extension Education" OR DE "External Degree Programs" OR DE "Rural Extension" OR DE "Urban Extension"	Search modes - Find all my search terms	35681
S13	(DE "Adult Students") OR (DE "Evening Students")	Search modes - Find all my search terms	7787
S14	((DE "Nonschool Educational Programs") OR (DE "Community Education")) OR (DE "Postsecondary Education" OR DE "Higher Education")	Search modes - Find all my search terms	431319

S15	DE "Continuing Education Units" OR DE "Lifelong Learning"	Search modes - Find all my search terms	8046
S16	TI (learn* OR class OR classes OR course* OR educat* OR school* OR train* OR seminar* OR tutor*)	Search modes - Find all my search terms	555016
S17	TI (cognitiv* N2 (stimulat* OR activit*))	Search modes - Find all my search terms	94
S18	((continuing OR adult) N2 (education OR training))	Search modes - Find all my search terms	76187
S19	"lifelong learning" or "life-long learning"	Search modes - Find all my search terms	10135
S20	S11 OR S12 OR S13 OR S14 OR S15 OR S16 OR S17 OR S18 OR S19	Search modes - Find all my search terms	851728
S21	S10 AND S20	Search modes - Find all my search terms	286
S22	S21	Limiters - Date Published: 19900101-20171231	234

ERIC (8 April 2018)

Search	Query	Limiters/Expanders	Results
S1	DE "Dementia" OR DE "Alzheimers Disease"	Search modes - Find all my search terms	1,075
S2	DE "Cognitive Ability"	Search modes - Find all my search terms	8,553
S3	dementia OR alzheimer*	Search modes - Find all my search terms	1,332
S4	((cognit* OR memory OR mental) N3 (impair* OR decline* OR deficit* OR reduc* OR function*))	Search modes - Find all my search terms	6,684
S5	S1 OR S2 OR S3 OR S4	Search modes - Find all my search terms	15,155
S6	(DE "Early Intervention" OR DE "Prevention") OR (DE "Preventive Medicine")	Search modes - Find all my search terms	22,911
S7	TI prevent* OR AB prevent*	Search modes - Find all my search terms	34,284
S8	TI (protect* OR reduc* OR delay* OR improv*)	Search modes - Find all my search terms	32,348
S9	S6 OR S7 OR S8	Search modes - Find all my search terms	74,665
S10	S5 AND S9	Search modes - Find all my search terms	873
S11	DE "Adult Education" OR DE "Adult Basic Education" OR DE "Continuing Education" OR DE "Migrant Adult Education" OR DE "Preretirement Education" OR DE "Public School Adult Education" OR DE "Veterans Education"	Search modes - Find all my search terms	57,669
S12	DE "Adult Learning" OR DE "Adult Programs" OR DE "Adult Reading Programs" OR DE "High School Equivalency Programs" OR DE "Evening Programs" OR DE "Part Time Students" OR DE "Distance Education" OR DE "Extension Education" OR DE "External Degree Programs" OR DE "Rural Extension" OR DE "Urban Extension"	Search modes - Find all my search terms	36,853
S13	(DE "Adult Students") OR (DE "Evening Students")	Search modes - Find all my search terms	8,01
S14	((DE "Nonschool Educational Programs") OR (DE "Community Education")) OR (DE "Postsecondary Education" OR DE "Higher Education")	Search modes - Find all my search terms	452,212
S15	DE "Continuing Education Units" OR DE "Lifelong Learning"	Search modes - Find all my search terms	8,311
S16	TI (learn* OR class OR classes OR course* OR educat* OR school* OR train* OR seminar* OR tutor*)	Search modes - Find all my search terms	579,695

S17	T1 (cognitiv* N2 (stimulat* OR activit*))	Search modes - Find all my search terms	102
S18	((continuing OR adult) N2 (education OR training))	Search modes - Find all my search terms	77,861
S19	"late life" N2 (activity OR activities OR learn* OR school* OR educat* OR training)	Search modes - Find all my search terms	17
S20	"lifelong learning" OR "life-long learning"	Search modes - Find all my search terms	10,521
S21	S11 OR S12 OR S13 OR S14 OR S15 OR S16 OR S17 OR S18 OR S19 OR S20	Search modes - Find all my search terms	887,984
S22	S10 AND S21	Search modes - Find all my search terms	309
S23	S22	Limiters - Date Published: 20170101-	16
S24	S22 AND EM 20170701-	Search modes - Find all my search terms	0
S25	S23 OR S24	Search modes - Find all my search terms	16

PsycINFO (11 July 2017)

Search	Query	Limiters/Expanders	Results
S1	DE "Alzheimer's Disease"	Search modes - Find all my search terms	39,900
S2	DE "Senile Dementia"	Search modes - Find all my search terms	1,063
S3	DE "Cognitive Impairment"	Search modes - Find all my search terms	30,409
S4	S1 OR S2 OR S3	Search modes - Find all my search terms	65,198
S5	DE "Prevention" OR DE "Preventive Medicine" OR DE "Primary Mental Health Prevention"	Search modes - Find all my search terms	30,316
S6	TI prevent* OR AB prevent*	Search modes - Find all my search terms	186,041
S7	TI protect* OR reduc* OR delay* OR improv*	Search modes - Find all my search terms	743,335
S8	S5 OR S6 OR S7	Search modes - Find all my search terms	869,214
S9	S4 AND S8	Search modes - Find all my search terms	21,587
S10	DE "Adult Education" OR DE "Continuing Education"	Search modes - Find all my search terms	4,126
S11	TI (learning OR education OR educational OR training)	Search modes - Find all my search terms	259,848
S12	TI cognitiv* N1 (stimulat* OR activit*)	Search modes - Find all my search terms	751
S13	"lifelong learning" OR "life-long learning"	Search modes - Find all my search terms	2,995
S14	(continuing OR adult) N2 (education OR training)	Search modes - Find all my search terms	15,241
S15	S9 AND S11	Search modes - Find all my search terms	826
S16	(ZG "adolescence (13-17 yrs)" or ZG "adulthood (18 yrs & older)" or ZG "childhood (birth-12 yrs)") not (ZG "aged (65 yrs & older)" or ZG "middle age (40-64 yrs)")	Search modes - Find all my search terms	1,626,731
S17	S15 NOT S16	Search modes - Find all my search terms	683
S18	(DE "Health Education") OR (DE "Drug Therapy") OR (DE "Animals") OR DE "Animal Models" OR TI (rat OR rats OR mouse OR mice OR dog OR dogs) OR SU (rat OR rats OR mouse OR mice OR dog OR dogs)	Search modes - Find all my search terms	454,796
S19	S17 NOT S18	Search modes - Find all my search terms	414
S20	S17 NOT S18	Limiters - Published Date: 19900101-20171231	403

PsycINFO (9 April 2018)

#	Query	Limiters/Expanders	Results
S1	DE "Alzheimer's Disease"	Search modes - Find all my search terms	41,992
S2	DE "Senile Dementia"	Search modes - Find all my search terms	1,063
S3	DE "Cognitive Impairment"	Search modes - Find all my search terms	32,064
S4	dementia OR alzheimer*	Search modes - Find all my search terms	99,018
S5	((cognit* OR memory OR mental) N3 (impair* OR decline* OR deficit* OR reduc* OR function*))	Search modes - Find all my search terms	146,484
S6	S1 OR S2 OR S3 OR S4 OR S5	Search modes - Find all my search terms	210,638
S7	DE "Prevention" OR DE "Preventive Medicine" OR DE "Primary Mental Health Prevention"	Search modes - Find all my search terms	31,621
S8	TI prevent* OR AB prevent*	Search modes - Find all my search terms	195,469
S9	TI protect* OR reduc* OR delay* OR improv*	Search modes - Find all my search terms	783,317
S10	S7 OR S8 OR S9	Search modes - Find all my search terms	914,878
S11	S6 AND S10	Search modes - Find all my search terms	71,575
S12	DE "Cognitive Reserve"	Search modes - Find all my search terms	353
S13	"Cognitive Reserve"	Search modes - Find all my search terms	985
S14	S11 OR S12 OR S13	Search modes - Find all my search terms	72,193
S15	DE "Adult Education" OR DE "Continuing Education"	Search modes - Find all my search terms	4,2
S16	TI (learning OR education OR educational OR training)	Search modes - Find all my search terms	269,992
S17	TI cognitiv* N1 (stimulat* OR activit*)	Search modes - Find all my search terms	794
S18	"lifelong learning" OR "life-long learning"	Search modes - Find all my search terms	3,169
S19	(continuing OR adult) N2 (education OR training)	Search modes - Find all my search terms	15,885
S20	"late life" N2 (activity OR activities OR learn* OR school* OR educat* OR training)	Search modes - Find all my search terms	159
S21	S15 OR S16 OR S17 OR S18 OR S19 OR S20	Search modes - Find all my search terms	281,675

S22	S14 AND S21	Search modes - Find all my search terms	4,549
S23	(ZG "adolescence (13-17 yrs)" or ZG "adulthood (18 yrs & older)" or ZG "childhood (birth-12 yrs)") not (ZG "aged (65 yrs & older)" or ZG "middle age (40-64 yrs)")	Search modes - Find all my search terms	1,695,649
S24	S22 NOT S23	Search modes - Find all my search terms	3,295
S25	(DE "Health Education") OR (DE "Drug Therapy") OR (DE "Animals") OR DE "Animal Models" OR TI (rat OR rats OR mouse OR mice OR dog OR dogs) OR SU (rat OR rats OR mouse OR mice OR dog OR dogs)	Search modes - Find all my search terms	465,312
S26	S24 NOT S25	Search modes - Find all my search terms	2,094
S27	S26	Limiters - Publication Year: 2017-	276
S28	S26 AND RD 201707-	Search modes - Find all my search terms	197
S29	S27 OR S28	Search modes - Find all my search terms	299

ClinicalTrials.gov (16 May 2017)

280 studies found for: (prevention OR reduction OR risk OR improvement) AND (dementia OR alzheimer OR "cognitive impairment" OR "cognitive decline") | healthy OR aged OR adult OR cognitive | education OR learning OR lesson OR educational OR class OR mental OR cognitive | Adult, Senior | Studies that accept healthy volunteers

ClinicalTrials.gov (9 April 2018)

58 Studies found for: (prevention OR reduction OR risk OR improvement) AND (dementia OR alzheimer OR "cognitive impairment" OR "cognitive decline") | healthy OR aged OR adult OR cognitive | education OR learning OR lesson OR educational OR class OR mental OR cognitive | Adult, Senior | Studies that accept healthy volunteers | First posted from 05/01/2017 to 04/09/2018

ICTRP (16 May 2017)

ICTRP		
Search 1	21 records for 20 trials found for:	dementia AND education* AND prevent* OR alzheimer AND education* AND prevent* OR cognitive impairment AND education* AND prevent*
Search 2	3 records for 3 trials found for:	dementia AND mental activ* AND prevent* OR alzheimer AND mental activ* AND prevent* OR cognitive impairment AND mental activ* AND prevent*
Search 3	3 records for 3 trials found for:	dementia AND cognitive stimulat* AND prevent* OR alzheimer AND cognitive stimulat* AND prevent* OR cognitive impairment AND cognitive stimulat* AND prevent*
Search 4	11 records for 11 trials found for:	dementia AND learning AND prevent* OR alzheimer AND learning AND prevent* OR cognitive impairment AND learning AND prevent*
Search 5	No results were found for:	dementia AND lesson* AND prevent* OR alzheimer AND lesson* AND prevent* OR cognitive impairment AND lesson* AND prevent*
Search 6	45 records for 45 trials found for:	dementia AND training AND prevent* OR alzheimer AND training AND prevent* OR cognitive impairment AND training AND prevent*
SUM	82	

ICTRP (9 April 2018)

Search 1	20	dementia AND education* AND prevent* OR alzheimer AND education* AND prevent* OR cognitive impairment AND education* AND prevent*
Search 2	3	dementia AND mental activ* AND prevent* OR alzheimer AND mental activ* AND prevent* OR cognitive impairment AND mental activ* AND prevent*
Search 3	5	dementia AND cognitive stimulat* AND prevent* OR alzheimer AND cognitive stimulat* AND prevent* OR cognitive impairment AND cognitive stimulat* AND prevent*
Search 4	27	dementia AND learning AND prevent* OR alzheimer AND learning AND prevent* OR cognitive impairment AND learning AND prevent*
Search 5	1	dementia AND lesson* AND prevent* OR alzheimer AND lesson* AND prevent* OR cognitive impairment AND lesson* AND prevent*
Search 6	64	dementia AND training AND prevent* OR alzheimer AND training AND prevent* OR cognitive impairment AND training AND prevent*
SUM	120	

ALOIS (15 May 2017)

ALOIS

Study Aim:	Cognitive Enhancement (healthy); Primary Prevention
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Intervention type:	Non-pharmacological
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Intervention:	Contains any word	learning education educational
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18 Studies found

ALOIS (9 April 2018)

Not searched website down

DART-Europe (16 May 2017)

search	results
(dementia OR alzheimer* OR "cognitive impairment") AND (education* OR "mental activity" OR "mental activities" OR "cognitive stimualtion") AND (prevent* OR improve*)	43

DART-Europe (8 April 2018)

search	results
(dementia OR alzheimer* OR "cognitive impairment") AND (education* OR "mental activity" OR "mental activities" OR "cognitive stimualtion") AND (prevent* OR improve*)	56
YEAR: 2017	4