

English Database:

PubMed

#1 "tryptophan"[Mesh]

#2 ((((((tryptophan[Title/Abstract]) OR (kynuren*[Title/Abstract])) OR (anthranil*[Title/Abstract])) OR (xanthurenic[Title/Abstract])) OR (cinnabar*[Title/Abstract])) OR (picolinic[Title/Abstract])) OR (quinolinic[Title/Abstract]))

#3 #1 OR #2

#4 "Diabetes Mellitus, Type 2"[Mesh]

#5 ((((((((((diabetes mellitus, type 2[Title/Abstract]) OR (diabetes mellitus, noninsulin dependent[Title/Abstract])) OR (diabetes mellitus, non insulin dependent[Title/Abstract])) OR (diabetes mellitus, non-insulin-dependent[Title/Abstract])) OR (non-insulin-dependent diabetes mellitus[Title/Abstract])) OR (diabetes mellitus, type II[Title/Abstract])) OR (NIDDM[Title/Abstract])) OR (type 2 diabetes mellitus[Title/Abstract])) OR (noninsulin-dependent diabetes mellitus[Title/Abstract])) OR (noninsulin dependent diabetes mellitus[Title/Abstract])) OR (type 2 diabetes[Title/Abstract])) OR (diabetes, type 2[Title/Abstract])) OR (diabetes mellitus, noninsulin-dependent[Title/Abstract]))

#6 #4 OR #5

#7 #3 AND #6

#8 (((((randomized controlled trial[Publication Type]) OR (controlled clinical trial[Publication Type])) OR (effect*[Title/Abstract])) OR (random*[Title/Abstract])) OR (trial[Title/Abstract])) OR (groups[Title/Abstract]))

#9 #7 NOT #8

#10 ((((((Animal Experiments[Title/Abstract]) OR (animal[Title/Abstract])) OR (rat[Title/Abstract])) OR (mice[Title/Abstract])) OR (experiment[Title/Abstract])) OR (meta[Title/Abstract])) OR (review[Title/Abstract]))

#11 #9 NOT #10

Web Of Science

#1 TS=tryptophan

#2 TI=("tryptophan" OR "kynuren*" OR "anthranil*" OR "xanthurenic" OR
 "cinnabar*" OR "picolinic" OR "quinolinic")

#3 AB=("tryptophan" OR "kynuren*" OR "anthranil*" OR "xanthurenic" OR
 "cinnabar*" OR "picolinic" OR "quinolinic")

#4 #1 OR #2 OR #3

#5 TS=diabetes mellitus, type 2

#6 TI=("diabetes mellitus, type 2" OR "diabetes mellitus, noninsulin dependent" OR
 "diabetes mellitus, non insulin dependent" OR "diabetes mellitus,
 non-insulin-dependent" OR "non-insulin-dependent diabetes mellitus" OR "diabetes
 mellitus, type II" OR "NIDDM" OR "type 2 diabetes mellitus" OR
 "noninsulin-dependent diabetes mellitus" OR "noninsulin dependent diabetes
 mellitus" OR "type 2 diabetes" OR "diabetes, type 2" OR "diabetes mellitus,
 noninsulin-dependent")

#7 AB=("diabetes mellitus, type 2" OR "diabetes mellitus, noninsulin dependent" OR
 "diabetes mellitus, non insulin dependent" OR "diabetes mellitus,
 non-insulin-dependent" OR "non-insulin-dependent diabetes mellitus" OR "diabetes
 mellitus, type II" OR "NIDDM" OR "type 2 diabetes mellitus" OR
 "noninsulin-dependent diabetes mellitus" OR "noninsulin dependent diabetes
 mellitus" OR "type 2 diabetes" OR "diabetes, type 2" OR "diabetes mellitus,
 noninsulin-dependent")

#8 #5 OR #6 OR #7

#9 #4 AND #8

#10 TS=("randomized controlled trial" OR "controlled clinical trial" OR "random*" OR
 "trial" OR "groups")

#11 #9 NOT #10

#12 TS=("Animal Experiments" OR "animal" OR "rat" OR "mice" OR "experiment"
 OR "meta" OR "review")

#13 #11 NOT #12

EMBASE

#1 'tryptophan'/exp

#2 (tryptophan):ab,ti OR ((kynuren*):ab,ti) OR ((anthranil*):ab,ti) OR
((xanthurenic):ab,ti) OR ((cinnabar*):ab,ti) OR ((picolinic):ab,ti) OR
((quinolinic):ab,ti)

#3 #1 OR #2

#4 'non insulin dependent diabetes mellitus'/exp

#5 (diabetes mellitus, type 2):ab,ti OR ((diabetes mellitus, noninsulin dependent):ab,ti)
OR ((diabetes mellitus, non insulin dependent):ab,ti) OR ((non-insulin-dependent
diabetes mellitus):ab,ti) OR ((diabetes mellitus, type II):ab,ti) OR ((NIDDM):ab,ti)
OR ((type 2 diabetes mellitus):ab,ti) OR ((noninsulin dependent diabetes
mellitus):ab,ti) OR ((type 2 diabetes):ab,ti) OR ((diabetes, type 2):ab,ti)

#6 #4 OR #5

#7 #3 AND #6

#8 ('Animal Experiments'):ab,ti OR (('animal'):ab,ti) OR ((rat):ab,ti) OR (('mice'):ab,ti)
OR (('experiment'):ab,ti) OR (('meta'):ab,ti) OR (('review'):ab,ti)

#9 #7 NOT #8

#10 ('randomized controlled trial'):ab,ti OR (('controlled clinical trial'):ab,ti) OR
(('random*'):ab,ti) OR (('trial'):ab,ti) OR (('groups'):ab,ti)

#11 #9 NOT #10

Chinese Database:

CNKI

#1 TKA='tryptophan' + 'tryptophan (trp)' + 'tryptophan metabolism' + 'serum
tryptophan' + 'kynurenine'

#2 TKA='diabetes'

#3 #1 AND #2

#4 TI='animal' + 'mouse' + 'rat' + 'research progress' + 'meta' + 'systematic review'

#5 #3 NOT #4

#6 TKA='randomized controlled trial' + 'random' + 'randomized trial'

#7 #5 NOT #6

Wan fang

#1 Title or Keywords: ("tryptophan" OR "tryptophan (trp)" OR "tryptophan metabolism" OR "serum tryptophan" OR "diaminobutyric Acid")

#2 Title or Keywords: ("diabetes")

#3 #1 and #2

#4 Topic: ("animals" OR "mice" OR "rats" OR "research progress" OR "meta" OR "systematic review")

#5 #3 not #4

VIP

#1 M=(tryptophan OR tryptophan trp OR tryptophan metabolism OR serum tryptophan OR canuline)

#2 M=(diabetes)

#3 #1 AND #2

#4 T=(animals OR mice OR rats OR research progress OR meta-analysis OR systematic Review)

#5 #3 NOT #4

CBM

#1 "diabetes" [Title]

#2 "diabetes" [Abstract]

#3 #1 OR #2

#4 "tryptophan" [Title] OR "tryptophan (trp)" [Title] OR "tryptophan metabolism" [Title] OR "serum tryptophan" [Title] OR "canuline" [Title] OR "L-tryptophan" [Title]

#5 "tryptophan" [Abstract] OR "tryptophan (trp)" [Abstract] OR "tryptophan metabolism" [Abstract] OR "serum tryptophan" [Abstract] OR "canuline" [Abstract] OR "L-tryptophan" [Abstract]

#6 #4 OR #5

#7 #3 AND #6

#8 "animals" [Title] OR "mice" [Title] OR "research progress" [Title] OR "meta" [Title] OR "systematic review" [Title]

#9 #7 NOT #8

#10 "randomized controlled trial" [Title] OR "randomized controlled" [Title] OR
"random" [Title] OR "randomized controlled trial" [Abstract] OR "randomized
controlled" [Abstract] OR "random" [Abstract]

#11 #9 NOT #10