

Detail of search strategy in all databases included in this review

Pubmed

(((((((((pain[Title/Abstract]) OR (pain[MeSH Terms])) OR (ache[Title/Abstract])) OR (ache[MeSH Terms])) OR (analgesia[Title/Abstract])) OR (analgesia[MeSH Terms])) AND (binaural beat[Title/Abstract])) OR (binaural beats[Title/Abstract])) OR (binaural auditory beat[Title/Abstract])) OR (binaural beat entrainment[Title/Abstract])) OR (hemispheric synchronization[Title/Abstract])

Scopus

(((TITLE-ABS-KEY (binaural AND beat) OR TITLE-ABS-KEY (binaural AND beats) OR TITLE-ABS-KEY (binaural AND auditory AND beats) OR TITLE-ABS-KEY (binaural AND beat AND entrainment) OR TITLE-ABS-KEY (hemispheric AND synchronization))) AND ((TITLE-ABS-KEY (pain) OR TITLE-ABS-KEY (ache) OR TITLE-ABS-KEY (analgesia))))

Embase

#1 'pain'/exp OR pain

#2 'analgesia'/exp OR analgesia

#3 ache

#4 'binaural beat'/exp OR 'binaural beat' OR (binaural AND beat)

#5 binaural beats OR (binaural AND beats)

#6 'binaural auditory beat' OR (binaural AND auditory AND beat)

#7 'binaural beat entrainment' OR (binaural AND beat AND ('entrainment'/exp OR entrainment))

#8 'hemispheric synchronization' OR (hemispheric AND ('synchronization'/exp OR synchronization))

9 (#1 OR #2 OR #3)

#10 (#4 OR #5 OR #6 OR #7 OR #8)

#10 (#9 AND #10)

Cochrane

#1 (pain):ti,ab,kw OR (ache):ti,ab,kw OR (analgesia):ti,ab,kw (Word variations have been searched)

#2 MeSH descriptor: [Pain] explode all trees

#3 MeSH descriptor: [Analgesia] explode all trees

#4 (binaural beat):ti,ab,kw OR (binaural beats):ti,ab,kw OR (binaural auditory beat):ti,ab,kw OR (binaural beat entrainment):ti,ab,kw OR (hemispheric synchronization):ti,ab,kw (Word variations have been searched)

#5 #1 OR #2 OR #3

#6 #4 AND #5

WOS

#1 ((TS=(pain)) OR TS=(ache)) OR TS=(analgesia)

2 (((TS=(binaural beat)) OR TS=(binaural beats)) OR TS=(binaural auditory beat)) OR TS=(binaural beat entrainment) OR TS=(hemispheric synchronization)

#3 (# 1 AND # 2)