

SEARCH STRATEGIES FOR ALL DATABASES

Database: MEDLINE(R) ALL <1946 to November 19, 2021>

Platform: Ovid

Date Searched: November 22, 2021

Search Strategy:

- 1 Sex Characteristics/ (58174)
- 2 Sex Factors/ (275399)
- 3 exp sex distribution/ (65992)
- 4 exp Gender Identity/ (21490)
- 5 (sex adj2 (differenc* or charact*)).tw,kf. (55140)
- 6 sex-related.tw,kf. (7404)
- 7 sex-based.tw,kf. (2179)
- 8 (sexes adj2 (differenc* or charact*)).tw,kf. (2283)
- 9 (gender adj2 (differenc* or charact*)).tw,kf. (45745)
- 10 gender-related.tw,kf. (5453)
- 11 gender-based.tw,kf. (4189)
- 12 ((male? or men or man or masculin* or boy?) and (female? or women or woman or feminin* or girl?)).ti,kf. (42291)
- 13 sex.ti,kf. (126413)
- 14 sexes.ti,kf. (1618)
- 15 gender*.ti,kf. (64337)
- 16 or/1-15 (566771)
- 17 exp Electroencephalography/ (172853)
- 18 Electroencephalogra*.tw,kf. (66069)
- 19 EEG.tw,kf. (85248)
- 20 Polysomnography/ (23193)
- 21 polysomnogr*.tw,kf. (21282)
- 22 PSG.tw,kf. (5671)
- 23 or/17-22 (230508)
- 24 exp Evoked Potentials/ (120978)
- 25 (Evoked adj2 (Potential? or respons*)).tw,kf. (67948)
- 26 (spectral adj2 (power or analys*)).tw,kf. (28081)
- 27 ((delta or alpha or beta or theta or gamma or sigma) adj2 (power or band? or range? or activit*)).tw,kf. (72805)
- 28 slow wave?.tw,kf. (12767)
- 29 non-rapid eye movement?.tw,kf. (2999)
- 30 nonrapid eye movement?.tw,kf. (595)
- 31 NREM.tw,kf. (4340)
- 32 rapid eye movement?.tw,kf. (11218)
- 33 REM.tw,kf. (15702)
- 34 exp Neuronal Plasticity/ (44310)
- 35 plasticit*.tw,kf. (102333) Page 2

36 spindle?.tw,kf. (49678)
37 synchronization*.tw,kf. (25341)
38 K-Complex*.tw,kf. (648)
39 or/24-38 (446613)
40 exp Sleep/ (87504)
41 exp Sleep Wake Disorders/ (98716)
42 sleep*.tw,kf. (204863)
43 40 or 41 or 42 (238803)
44 16 and (23 or 39) and 43 (1597)
45 44 not (exp animals/ not exp humans/) (1536)
46 limit 45 to english language (1434)

Database: Embase Classic+Embase <1947 to 2021 November 19>

Platform: Ovid

Date Searched: November 22, 2021

Search Strategy:

1 exp sex difference/ (432371)
2 "gender and sex"/ or exp gender identity/ (19885)
3 (sex adj2 (differenc* or charact*)).tw,kf. (73571)
4 (sex adj2 (differenc* or charact*)).tw,kf. (73571)
5 sex-related.tw,kf. (9109)
6 sex-based.tw,kf. (2819)
7 (sexes adj2 (differenc* or charact*)).tw,kf. (3052)
8 (gender adj2 (differenc* or charact*)).tw,kf. (66747)
9 gender-related.tw,kf. (7284)
10 gender-based.tw,kf. (5271)
11 ((male? or men or man or masculin* or boy?) and (female? or women or woman or feminin* or girl?)).ti,kf. (51306)
12 sex.ti,kf. (151001)
13 sexes.ti,kf. (1822)
14 gender*.ti,kf. (89695)
15 or/1-14 (650058)
16 exp electroencephalography/ (151197)
17 exp electroencephalogram/ (160108)
18 Electroencephalogra*.tw,kf. (81792)
19 EEG.tw,kf. (144052)
20 polysomnography/ (42397)
21 polysomnography device software/ (21)
22 polysomnogr*.tw,kf. (38962)
23 PSG.tw,kf. (13441)
24 or/16-23 (354528) Page 3

25 exp evoked response/ (80034)
 26 (Evoked adj2 (Potential? or respons*)).tw,kf. (89287)
 27 (spectral adj2 (power or analys*)).tw,kf. (37519)
 28 ((delta or alpha or beta or theta or gamma or sigma) adj2 (power or band? or range? or
 activit*)).tw,kf. (86496)
 29 slow wave?.tw,kf. (20344)
 30 nonREM sleep/ (8870)
 31 non-rapid eye movement?.tw,kf. (3835)
 32 NREM.tw,kf. (7618)
 33 REM sleep/ (30140)
 34 sleep parameters/ (5135)
 35 rapid eye movement?.tw,kf. (14620)
 36 REM.tw,kf. (27088)
 37 plasticity/ (20852)
 38 exp cell plasticity/ (81152)
 39 plasticit*.tw,kf. (127665)
 40 spindle?.tw,kf. (68545)
 41 synchronization*.tw,kf. (30075)
 42 K-Complex*.tw,kf. (1002)
 43 or/25-42 (544513)
 44 exp sleep/ (274434)
 45 exp sleep disorder/ (269994)
 46 exp sleep stage/ (44456)
 47 sleep*.tw,kf. (318771)
 48 or/44-47 (478598)
 49 15 and (24 or 43) and 48 (2741)
 50 49 not ((exp animal/ or exp invertebrate/ or nonhuman/ or animal experiment/ or animal tissue/
 or animal model/ or exp plant/ or exp fungus/) not (exp human/ or human tissue/)) (2612)
 51 limit 50 to english language (2492)
 52 limit 51 to conference abstracts (506)
 53 51 not 52 (1986)
 54 53 not medline.cr. (1817)

Database: APA PsycInfo <1806 to November Week 3 2021>

Platform: Ovid

Date Searched: November 22, 2021

Search Strategy:

1 exp human sex differences/ (118214)

2 sex roles/ (18478)

3 exp gender identity/ (41425) Page 4

4 (sex adj2 (differenc* or charact*)).ti,ab,id. (39289)
5 sex-related.ti,ab,id. (2283)
6 sex-based.ti,ab,id. (631)
7 (sexes adj2 (differenc* or charact*)).ti,ab,id. (504)
8 (gender adj2 (differenc* or charact*)).ti,ab,id. (52262)
9 gender-related.ti,ab,id. (3306)
10 gender-based.ti,ab,id. (3448)
11 ((male? or men or man or masculin* or boy?) and (female? or women or woman or feminin* or girl?)).ti,id. (55445)
12 sex.ti,id. (97159)
13 sexes.ti,id. (676)
14 gender*.ti,id. (94617)
15 or/1-14 (273226)
16 exp electroencephalography/ (32263)
17 Electroencephalogra*.ti,ab,id. (23958)
18 EEG.ti,ab,id. (41906)
19 polysomnography/ (1960)
20 polysomnogr*.ti,ab,id. (5694)
21 PSG.ti,ab,id. (1247)
22 or/16-21 (58309)
23 exp evoked potentials/ (38751)
24 (Evoked adj2 (Potential? or respons*)).ti,ab,id. (21549)
25 (spectral adj2 (power or analys*)).ti,ab,id. (3663)
26 ((delta or alpha or beta or theta or gamma or sigma) adj2 (power or band? or range? or activit*)).ti,ab,id. (15088)
27 slow wave?.ti,ab,id. (5690)
28 non-rapid eye movement?.ti,ab,id. (1131)
29 nonrapid eye movement?.ti,ab,id. (484)
30 NREM.ti,ab,id. (2521)
31 nrem sleep/ (1972)
32 rapid eye movement?.ti,ab,id. (4507)
33 REM.ti,ab,id. (9157)
34 rem sleep/ (4599)
35 exp neural plasticity/ (19742)
36 plasticit*.ti,ab,id. (34320)
37 rapid eye movement/ (1394)
38 spindle?.ti,ab,id. (2041)
39 synchronization*.ti,ab,id. (7259)
40 K-Complex*.ti,ab,id. (206)
41 or/23-40 (117726)
42 exp sleep/ (38187)
43 exp sleep wake disorders/ (21165)
44 sleep wake cycle/ (4445)
45 sleep*.ti,ab,id. (84577) Page 5

46 or/42-45 (93111)
47 15 and (22 or 41) and 46 (361)
48 limit 47 to animal (40)
49 limit 48 to human (4)
50 47 not (48 not 49) (325)
51 limit 50 to english language (311)
52 limit 51 to ("0200 book" or "0240 authored book" or "0280 edited book" or "0300 encyclopedia" or "0400 dissertation abstract") (23)
53 51 not 52 (288)

Database: Scopus
Platform: Elsevier
Date Searched: November 22, 2021

Search Strategy:

(TITLE-ABS-KEY(sex W/2 (differenc* OR charact*)) OR TITLE-ABS-KEY("sex-related" OR "sex-based" OR "gender-related" OR "gender-based") OR TITLE-ABS-KEY(sexes W/2 (differenc* or charact*)) OR TITLE-ABS-KEY(gender W/2 (differenc* or charact*)) OR TITLE((male OR males OR men OR man OR masculin* OR boy OR boys) AND (female OR females OR women OR woman OR feminin* OR girl OR girls)) OR KEY((male OR males OR men OR man OR masculin* OR boy OR boys) AND (female OR females OR women OR woman OR feminin* OR girl OR girls)) OR TITLE(sex OR sexes OR gender*) OR KEY(sex OR sexes OR gender*)) AND TITLE-ABS-KEY(sleep*) AND TITLE-ABS-KEY(EEG OR Electroencephalogra* OR PSG OR polysomnogr* OR "slow wave" OR "non-rapid eye movement" OR NREM OR "rapid eye movement" OR REM OR plasticit* OR splindle* or synchronization* OR "k-complex" OR (Evoked W/2 (Potential* OR respons*)) OR (spectral W/2 (power OR analys*)) OR ((delta or alpha or beta or theta or gamma or sigma) W/2 (power or band* or range* or activit*))) AND NOT INDEX(medline or embase) AND (LIMIT-TO (LANGUAGE,"English")) AND (LIMIT-TO (SRCTYPE,"j"))

Results: 189 Results

Database: Dissertations and These Global
Platform: Proquest
Date Searched: November 22, 2021

Search Strategy: (NOFT sex W/2 (differenc* OR charact*) OR NOFT "sex-related" OR NOFT "sex-based" OR NOFT "gender-related" OR NOFT "gender-based" OR NOFT sexes W/2 (differenc* or charact*) OR NOFT gender W/2 (differenc* or charact*) OR ti((male OR males OR men OR man OR masculin* OR boy OR boys) AND (female OR females OR

women OR woman OR feminin* OR girl OR girls)) OR ti(sex OR sexes OR gender*)) AND
(NOFT(sleep*)) AND (NOFT(EEG OR Electroencephalogra* OR PSG OR polysomnogr* OR "slow
wave" OR "non-rapid eye movement" OR NREM OR "rapid eye movement" OR REM OR plasticit*
OR splindle* or synchronization* OR "k-complex" OR (Evoked W/2 (Potential* OR respons*)) OR
(spectral W/2 (power OR analys*)) OR ((delta or alpha or beta or theta or gamma) W/2
(power or band* or range* or activit*))))

Results: 10 results