

Supplementary file 2. searching strategies

PEDro (1929 - 2023).

Searched using the term Electric Stimulation Therapy and Transcranial Magnetic Stimulation and Transcranial Direct Current Stimulation and Parkinson Disease

- 1) Electric Stimulation Therapy and Parkinson Disease
- 2) Transcranial Magnetic Stimulation and Parkinson Disease
- 3) Transcranial Direct Current Stimulation and Parkinson Disease

EMBASE (Ovid) 1974 – February 13 2022

1) exp Parkinson Disease OR (Parkinson Disease OR Idiopathic Parkinson's Disease OR Lewy Body Parkinson's Disease OR Parkinson's Disease, Idiopathic OR Parkinson's Disease, Lewy Body OR Parkinson Disease, Idiopathic OR Parkinson's Disease OR Idiopathic Parkinson Disease OR Lewy Body Parkinson Disease OR Primary Parkinsonism OR Parkinsonism, Primary OR Paralysis Agitans).ab.

2) exp Transcranial Magnetic Stimulation OR (Transcranial Magnetic Stimulation OR Magnetic Stimulation, Transcranial OR Magnetic Stimulations, Transcranial OR Stimulation, Transcranial Magnetic OR Stimulations, Transcranial Magnetic OR Transcranial Magnetic Stimulations OR Transcranial Magnetic Stimulation, Single Pulse OR Transcranial Magnetic Stimulation, Paired Pulse OR Transcranial Magnetic Stimulation, Repetitive OR TMS OR TBS).ab.

3) exp Electric Stimulation Therapy OR (Therapeutic Electrical Stimulation OR Electrical Stimulation, Therapeutic OR Stimulation, Therapeutic Electrical OR Therapeutic Electric Stimulation OR Electric Stimulation, Therapeutic OR Stimulation, Therapeutic Electric OR Electrical Stimulation Therapy OR Stimulation Therapy, Electrical OR Therapy, Electrical Stimulation OR Therapy, Electric Stimulation OR Stimulation Therapy, Electric OR Electrotherapy OR Interferential Current Electrotherapy OR Electrotherapy, Interferential Current).ab.

4) exp Transcranial Direct Current Stimulation OR (tDCS OR Cathodal Stimulation Transcranial Direct Current Stimulation OR Cathodal Stimulation tDCS OR Cathodal Stimulation tDCSs OR Stimulation tDCS, Cathodal OR Stimulation tDCSs, Cathodal OR tDCS, Cathodal Stimulation OR tDCSs, Cathodal Stimulation OR Transcranial Random Noise Stimulation OR Transcranial Alternating Current Stimulation OR Transcranial Electrical Stimulation OR Electrical Stimulation, Transcranial OR Electrical Stimulations, Transcranial OR Stimulation, Transcranial Electrical OR Stimulations, Transcranial Electrical OR Transcranial Electrical Stimulations OR Anodal Stimulation Transcranial Direct Current Stimulation OR Anodal Stimulation tDCS OR Anodal Stimulation tDCSs OR Stimulation tDCS, Anodal OR Stimulation tDCSs, Anodal OR tDCS, Anodal Stimulation OR tDCSs, Anodal Stimulation OR Repetitive Transcranial Electrical Stimulation OR tACS OR tRNS OR tPCS OR tsDCS).ab.

5) 2 OR 3 OR 4 [non-invasive brain stimulation]

6) exp Supplementary Motor Area OR (Supplementary Motor Area OR Area, Supplementary Motor OR Supplementary Motor Areas OR SMA).ab.

7) 1 and 5 and 6

The Chinese National Knowledge Infrastructure (CNKI). Title/Keywords/Abstract

- 1) Parkinson disease (帕金森病)
- 2) Transcranial Magnetic Stimulation (经颅磁刺激)
- 3) Transcranial Direct Current Stimulation (经颅直流电刺激)
- 4) Transcranial Alternating Current Stimulation (经颅交流电刺激)
- 5) 2 or 3 or 4
- 6) Supplementary Motor Area (辅助运动区)
- 5) 1 and 5 and 6

MEDLINE

- 1) (Parkinson Disease[MeSH Terms]) OR (Idiopathic Parkinson's Disease[Title/Abstract]) OR (Lewy Body Parkinson's Disease[Title/Abstract]) OR (Parkinson's Disease, Idiopathic[Title/Abstract]) OR (Parkinson's Disease, Lewy Body[Title/Abstract]) OR (Parkinson Disease, Idiopathic[Title/Abstract]) OR (Parkinson's Disease[Title/Abstract]) OR (Idiopathic Parkinson Disease[Title/Abstract]) OR (Lewy Body Parkinson Disease[Title/Abstract]) OR (Primary Parkinsonism[Title/Abstract]) OR (Parkinsonism, Primary[Title/Abstract]) OR (Paralysis Agitans[Title/Abstract])
- 2) (Transcranial Magnetic Stimulation[MeSH Terms]) OR (Magnetic Stimulation, Transcranial[Title/Abstract]) OR (Magnetic Stimulations, Transcranial[Title/Abstract]) OR (Stimulation, Transcranial Magnetic[Title/Abstract]) OR (Stimulations, Transcranial Magnetic[Title/Abstract]) OR (Transcranial Magnetic Stimulations[Title/Abstract]) OR (Transcranial Magnetic Stimulation, Single Pulse[Title/Abstract]) OR (Transcranial Magnetic Stimulation, Paired Pulse[Title/Abstract]) OR (Transcranial Magnetic Stimulation, Repetitive[Title/Abstract])
- 3) (Electric Stimulation Therapy[MeSH Terms]) OR (Therapeutic Electrical Stimulation[Title/Abstract] OR Electrical Stimulation, Therapeutic[Title/Abstract] OR Stimulation, Therapeutic Electrical[Title/Abstract] OR Therapeutic Electric Stimulation[Title/Abstract] OR Electric Stimulation, Therapeutic[Title/Abstract] OR Stimulation, Therapeutic Electric[Title/Abstract] OR Electrical Stimulation Therapy[Title/Abstract] OR Stimulation Therapy, Electrical[Title/Abstract] OR Therapy, Electrical Stimulation[Title/Abstract] OR Therapy, Electric Stimulation[Title/Abstract] OR Stimulation Therapy, Electric[Title/Abstract] OR Electrotherapy[Title/Abstract] OR Interferential Current Electrotherapy[Title/Abstract] OR Electrotherapy, Interferential Current[Title/Abstract])
- 4) (Transcranial Direct Current Stimulation[MeSH Terms]) OR (tDCS[Title/Abstract] OR Cathodal Stimulation Transcranial Direct Current Stimulation[Title/Abstract] OR Cathodal Stimulation tDCS[Title/Abstract] OR Cathodal Stimulation tDCSs[Title/Abstract] OR Stimulation tDCS, Cathodal[Title/Abstract] OR Stimulation tDCSs, Cathodal[Title/Abstract] OR tDCS, Cathodal Stimulation[Title/Abstract] OR tDCSs, Cathodal Stimulation[Title/Abstract] OR Transcranial Random Noise Stimulation[Title/Abstract] OR Transcranial Alternating Current Stimulation[Title/Abstract] OR Transcranial Electrical Stimulation[Title/Abstract] OR Electrical Stimulation, Transcranial[Title/Abstract] OR Electrical Stimulations, Transcranial[Title/Abstract] OR Stimulation, Transcranial Electrical[Title/Abstract] OR Stimulations, Transcranial Electrical[Title/Abstract] OR Transcranial Electrical Stimulations[Title/Abstract] OR Anodal Stimulation Transcranial Direct Current Stimulation[Title/Abstract] OR Anodal Stimulation tDCS[Title/Abstract] OR Anodal Stimulation tDCSs[Title/Abstract] OR Stimulation tDCS,

Anodal[Title/Abstract] OR Stimulation tDCSs, Anodal[Title/Abstract] OR tDCS, Anodal Stimulation[Title/Abstract] OR tDCSs, Anodal Stimulation[Title/Abstract] OR Repetitive Transcranial Electrical Stimulation[Title/Abstract] OR tACS[Title/Abstract] OR tRNS[Title/Abstract] OR tPCS[Title/Abstract] OR tsDCS[Title/Abstract])
5) 2 OR 3 OR 4 [non-invasive brain stimulation]
6) (Supplementary Motor Area[Title/Abstract] OR Area, Supplementary Motor[Title/Abstract] OR Supplementary Motor Areas[Title/Abstract] OR SMA[Title/Abstract])
7) 1 AND 5 AND 6

Web of Science(1950-2023)

#1 TS=(Parkinson Disease) OR TS=(parkinson*)
#2 TS=(Transcranial Magnetic Stimulation) OR TS=(magnetic field therap*) OR TS=(TMS or rTMS) OR TS=(theta burst stimulation)
#3 TS=(Electric Stimulation Therapy)
#4 TS=(Transcranial Direct Current Stimulation) OR TS=(direct current stimulation) OR TS=(pulse current stimulation) OR TS=(alternati* Current stimulation) OR TS=(random noise stimulation) OR TS=(tDCS OR tACS OR tRNS OR tPCS OR tsDCS OR TBS)
#5 #2 OR #3 OR #4
#6 TS=(Supplementary Motor Area) OR TS=(Supplementary Motor) OR TS=(SMA)
#7 TS=(clinical trial*) OR TS=(research design) OR TS=(comparative stud*) OR TS=(evaluation stud*) OR TS=(controlled trial*) OR TS=(follow-up stud*) OR TS=(prospective stud*) OR TS=(random*) OR TS=(placebo*) OR TS=(single blind*) OR TS=(double blind*)
#1 AND #5 AND #6 AND #7