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所有發表期刊論文

1. **Cheng CH**, Baillet S, Hsiao FJ, Lin YY\*. Effects of aging on the neuromagnetic mismatch detection to speech sounds. *Biological Psychology* 2015, 104: 48-55
2. Hsiao FJ, Cheng WT, Wang PN, **Cheng CH**, Lin YY. Temporo-frontal functional connectivity during auditory change detection is altered in Alzheimer's disease. *Human Brain Mapping* 2014, 35: 5565-5577
3. **Cheng CH**, Soong BW, Hsu WY, Lin YY\*. Reduced automatic frontal response to auditory deviance in Huntington's disease as indexed by magnetic mismatch negativity. *Journal of Clinical Neuroscience* 2014, 21: 1773-1778
4. **Cheng CH**, Lin YY\*. Current perspectives toward mismatch negativity (MMN) in aging, neurological, psychiatric and neurodevelopmental diseases. *Journal of Taiwan Occupational Therapy Research and Practice* 2013, 9: 147-159
5. **Cheng CH**, Hsu WY, Lin YY\*. Effects of physiological aging on mismatch negativity: A meta-analysis. *International Journal of Psychophysiology* 2013, 90: 165-171
6. **Cheng CH**, Baillet S, Hsiao FJ, Lin YY\*. Effects of aging on neuromagnetic mismatch responses to pitch changes. *Neuroscience Letters* 2013, 544: 20-24
7. **Cheng CH**, Lin YY\*. Aging-related decline in somatosensory inhibition of the human cerebral cortex. *Experimental Brain Research* 2013, 226: 145-152
8. Hsiao FJ, **Cheng CH**, Chen WT, Lin YY\*. Neural correlates of somatosensory paired-pulse suppression: a MEG study using distributed source modeling and dynamic spectral power analysis. *NeuroImage* 2013, 72: 133-142
9. Hsu WY, **Cheng CH**, Liao KK, Lee IH, Lin YY\*. Effects of repetitive transcranial magnetic stimulation on motor functions in stroke patients: A meta-analysis. *Stroke* 2012, 43: 1849-1857

10. **Cheng CH**, Lin YY\*. The effects of aging on lifetime of auditory sensory memory in humans. *Biological Psychology* 2012, 89: 306-312
11. **Cheng CH**, Wang PN, Hsu WY, Lin YY\*. Inadequate inhibition of redundant auditory inputs in Alzheimer's disease: An MEG study. *Biological Psychology* 2012, 89: 365-373
12. Hsu WY, **Cheng CH**, Lin MW, Shih YH, Lin YY\*. Antiepileptic effects of low frequency repetitive transcranial magnetic stimulation: a meta-analysis. *Epilepsy Research* 2011, 96: 231-240
13. **Cheng CH**, Hsu WY, Shih YH, Lin HC, Liao KK, Wu ZA, Lin YY\*. Differential cerebral reactivity to the shortest and longer tones: Neuromagnetic and behavioral evidence. *Hearing Research* 2010, 268: 260-270
14. Hsiao FJ, **Cheng CH**, Liao KK, Lin YY\*. Cortico-cortical phase synchrony in auditory mismatch processing. *Biological Psychology* 2010, 84: 336-345
15. Hsu WY, **Cheng CH**, Lin HC, Liao KK, Wu ZA, Ho LT, Lin YY\*. Memory-based mismatch response to change in duration of auditory stimuli: an MEG study. *Clinical Neurophysiology* 2010, 121: 1744-1750