

謝宗勳 助理教授

所有發表期刊論文

1. Yu YW, Hsieh TH, Chen KY, Wu CC, Hoffer BJ, Greig NH, Li Y, Lai JH, Chang CF, Lin JW, Chen YH, Yang LY, Chiang YH (2015, Dec). Glucose-dependent Insulinotropic Polypeptide Ameliorates Mild Traumatic Brain Injury-induced Cognitive and Sensorimotor Deficits and Neuroinflammation in Rats. *Journal of Neurotrauma*. (Accepted). (SCI, 40/192, CLINICAL NEUROLOGY).
2. Tsai EM, Wang YC, Lee TT, Tsai CF, Chen HS, Lai FJ, Yokoyama KK, Hsieh TH, Wu RM, Lee JN. (2015, Nov). Dynamic Trk and G Protein Signalings Regulate Dopaminergic Neurodifferentiation in Human Trophoblast Stem Cells. *PLoS One*, 10(11):e0143852. (SCI, 9/57, MULTIDISCIPLINARY SCIENCES).
3. Lin YT, Hsieh TH*(*Co-first Author), Chen SC, Lai CH, Kuo TS, Chen CP, Lin CW, Young ST, Peng CW. (2015, Sep). Effects of pudendal neuromodulation on bladder function in chronic spinal cord-injured rats. *J Formos Med Assoc*, doi: 10.1016/j.jfma.2015.07.010. (SCI, 54/154, MEDICINE, GENERAL & INTERNAL).
4. Hsieh TH, Huang YZ, Rotenberg A, Pascual-Leone A, Chiang YH, Wang JY, Chen JJ. (2015, Jul). Functional dopaminergic neurons in substantia nigra are required for transcranial magnetic stimulation induced motor plasticity. *Cerebral Cortex*, 25(7):1806-14. (SCI, 16/252, NEUROSCIENCES).
5. Chen SC, Hsieh TH, Fan WJ, Lai CH, Chen CL, Wei WF, Peng CW. (2015, Jun). Design and evaluation of potentiometric principles for bladder volume monitoring: a preliminary study. *Sensors (Basel)*, 15(6):12802-15. (SCI, 10/56, INSTRUMENTS & INSTRUMENTATION).
6. Hsieh TH, Huang YZ, Chen JJJ, Rotenberg A, Chiang YH, Chang Chien WS, Chang V, Wang JY, Peng CW. (2015, Feb). Novel use of theta burst cortical electrical stimulation for modulating motor plasticity in rats. *Journal of Medical and Biological Engineering*, 35(1): 62-68. (SCI, 62/76, ENGINEERING, BIOMEDICAL).
7. Fan WJ, Chen SC, Hsieh TH, Lai CH, Lin YS, Peng CW, Kou YR. (2014, Nov). Influence of Serotonergic Mechanisms on the Urine Flow Rate in Male Rats. *Am J Physiol Regul Integr Comp Physiol.*, 307(10):R1239-50. (SCI, 19/81, PHYSIOLOGY).

8. Dhamne SC, Kothare RS, Yu C, Hsieh TH, Anastasio EM, Pascual-Leone A, Rotenberg A. (2014, May). A measure of acoustic noise generated from transcranial magnetic stimulation coils. *Brain Stimulation*, 7(3):432-4. (SCI, 24/191, CLINICAL NEUROLOGY).
9. Hameed MQ, Goodrich GS, Dhamne SC, Amandusson A, Hsieh TH, Mou D, Wang Y, Rotenberg A. (2014, May). A Rapid Lateral Fluid Percussion Injury (rLFPI) rodent model of traumatic brain injury and post-traumatic epilepsy. *NeuroReport*, 25(7): 532-536. (SCI, 204/252, NEUROSCIENCES).
10. Lin YT, Lai CH, Kuo TS, Chen CC, Chen YL, Young ST, Chen SH, Lai JS, Hsieh TH, Peng CW. (2014, Apr). Dual-channel neuromodulation of the pudendal nerve with a closed-Loop control strategy to improve bladder functions. *Journal of Medical and Biological Engineering*, 34(1): 82-89. (SCI, ENGINEERING, BIOMEDICAL: 60/79=75.9%).
11. Liang JI, Lin PC, Chen MY, Hsieh TH, Chen JJ, Yeh ML. (2014, Jan). The effect of tenocyte/hyaluronic acid therapy on the early recovery of healing Achilles tendon in rats. *Journal of Materials Science: Materials in Medicine*, 25(1):217- (SCI, 25/76, ENGINEERING, BIOMEDICAL).
12. Tsai YP, Chang CW, Lee JS, Liang JI, Hsieh TH, Yeh ML, Sze CI. (2013, Oct). Direct Radiofrequency Application Improves Pain and Gait in Collagenase-Induced Acute Achilles Tendon Injury. *Evidence-Based Complementary and Alternative Medicine*, 2013:402692. (SCI, INTEGRATIVE & COMPLEMENTARY MEDICINE: 8/21=38.1%).
13. Lee TTY, Tsai CF, Hsieh TH, Chen JJJ, Wang YC , Kao MC, Wu RM, Singh S, Tsai EM, Lee JN. (2012, Dec). Ectopic Pregnancy-Derived Human Trophoblastic Stem Cells Regenerate Dopaminergic Nigrostriatal Pathway to Treat Parkinsonian Rats. *PLoS ONE*, 7(12): e52491. (SCI, BIOLOGY: 7/56=12.5%).
14. Liang JI, Chen MY, Hsieh TH, Liu CY, Chen JJ, Yeh ML. (2012, Dec). Video based gait analysis for functional evaluation of healing Achilles tendon in rats. *Annals of Biomedical Engineering*, 40(12):2532-2540. (SCI, ENGINEERING, BIOMEDICAL: 30/79=37.9%).
15. Lee HY#, Hsieh TH#, Liang JI, Yeh ML, Chen JJ. (2012, Sep). Quantitative video-based gait pattern analysis for hemiparkinsonian rats. *Medical & Biological Engineering & Computing*, 50(9):937-46. (SCI, COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS: 29/99=29.3%).

16. Hsieh TH, Dhamne SC, Chen JJ, Carpenter L, Zoubina L, Pascual-Leone A, Rotenberg A. (2012, Jul). Minimal heating of aneurysm clips during repetitive transcranial magnetic stimulation. *Clinical Neurophysiology*, 123(7):1471-1473. (SCI, CLINICAL NEUROLOGY: 54/191=28.2%).
17. Hsieh TH, Dhamne SC, Chen JJ, Pascual-Leone A, Jensen FE, Rotenberg A. (2012, Feb). A new measure of cortical inhibition by mechanomyography and paired-pulse transcranial magnetic stimulation in unanesthetized rats. *Journal of Neurophysiology*, 107(3): 966-972. (SCI, PHYSIOLOGY: 22/79=27.8%).
18. Hsieh TH, Chen JJ, Chen LH, Chiang PT, Lee HY. (2011, Sep). Time-course gait analysis of hemiparkinsonian rats following 6-hydroxydopamine lesion. *Behavioural Brain Research*, 222(1):1-9. (SCI, BEHAVIORAL SCIENCES: 13/49=26.5%).
19. Huang CY, Hsieh TH, Lu SC, Su FC. (2011, Aug). Effect of the Kinesio tape to muscle activity and vertical jump performance in healthy inactive people. *BioMedical Engineering Online*, 10(1):70. (SCI, ENGINEERING, BIOMEDICAL: 39/79=49.4%).
20. Chang YJ#, Hsieh TH#, Huang YM, Hsu MJ, Wong AM (2011, Feb). A lack of modulation of motor evoked potentials in individuals with sensory impaired spinal cord injuries after nerve stimulation. *Journal of Medical and Biological Engineering*, 31(1): 37-43. (SCI, ENGINEERING, BIOMEDICAL: 60/79=75.9%).
21. Hsieh TH, Tsai YJ, Wu YN, Hwang IS, Chen TI, Chen JJ (2010, Apr). Time course quantification of spastic hypertonia following spinal hemisection in rats. *Neuroscience*, 167(1): 185-198. (SCI, 96/252, NEUROSCIENCES).
22. Leong1 MI, Chang YJ, Hsieh TH* (2015 年 09 月)。Effectiveness of Exercise Training on the Postural Control, Locomotor Function and Cardiorespiratory Endurance in Individuals with Traumatic Brain Injury: Systematic Review。Formosan Journal of Physical Therapy. (accepted)