

List of Publication since 2008

1. Ho NSP, **Lee TMC**. Alexithymia: The Story of a survivor of childhood traumatic brain injury. *Brain Injury*. (In press).
2. Deng M, Wi L, Zuo X, Tian Y, Xie F, Hu P, Zhu C, Yu F, Meng Y, Wang H, Zhang F, Ma H, Ye R, Cheng H, Du J, Dong W, Zhou S, Wang C, Wang Y, Wang J, Chen X, Sun Z, Zhou N, Jiang Y, Liu X, Li X, Zhang N, Liu N, Guan Y, Han Y, Han Y, Lv X, Fu Y, Yu H, Xi C, Xie D, Zhao Q, Xie P, Wang X, Zhang Z, Shen L, Cui Y, Yin X, Cheng H, Liang B, Zheng X, **Lee TMC**, Chen G, Zhou F, Veldink JH, Robberecht W, Landers J, Andersen P, Al-Chalabi A, Shaw C, Liu C, Tang B, Xiao S, Robertson J, Zhang F, van den Berg LH, Sun L, Liu J, Yang S, Ju X, Wang K, Zhang X. Genome-wide association analyses in Chinese Han identify two new susceptibility loci for amyotrophic lateral sclerosis. *Nature Genetics*. (In press).
3. Cheng GLF, Zeng H, Leung MK, Zhang HJ, Lau BWM, Liu YP, Liu GX, Sham PC, Chan CCH, Lee TMC. Heroin abuse accelerates biological aging: A novel insight from telomerase and brain imaging interaction. *Translational Psychiatry* (Nature Publishing Group). (In press).
4. Yau SY, Lau BWM, **Lee TMC**, So KF. Differential behavioral outcome of anxiety tests in runner rats treated with corticosterone. *Journal of Neuroscience and Behavioural Health*. (In press).
5. **Lee TMC**, Leung MK, Lee TMY, Raine A, Chan CCH. I want to lie about not knowing you, but my precuneus refuses to cooperate. *Scientific Reports* (Nature Publishing Group). 2013; 3:1636. DOI:10.1038/srep01636 (2013).
6. Chan KWS, **Lee TMC**, Siu AMH, Wong DPL, Kam CM, Tsang SKM, Chan CCH. Effects of chronic ketamine use on frontal and medial temporal cognition. *Addictive Behaviors*. 2013; 38: 2128-2132.
7. Blair RJR, **Lee TMC**. The social cognitive neuroscience of aggression, violence, and psychopathy. *Social Neuroscience*, 2013; 8: 108-111.
8. Kwok, TCY, Bai X, Li JCY, Ho FKY, **Lee TMC**. Effectiveness of cognitive training in Chinese older people with subjective cognitive complaints: A randomized placebo-controlled trial. *International Journal of Geriatric Psychiatry*. 2013;28:208-215.
9. **Lee TMC**, Sun DL, Leung MK, Chu LW, Keysers C. Neural activities during affective processing in people with Alzheimer's disease. *Neurobiology of Aging*. 2012; 34: 706-715.
10. Leung MK, Chan CCH, Jing Y, Lee CF, So KF, **Lee TMC**. Increased gray-matter volume in the right angular and posterior parahippocampal gyri in loving-kindness meditators. 2013; Special Issue: 34-39.
11. Yau SY, Lau BWM, Zhang ED, Lee JCD, Li A, **Lee TMC**, Ching YP, Xu AM, So KF. Effects of voluntary running on plasma levels of neurotrophins, hippocampal cell proliferation and learning and memory in stressed rats. *Neuroscience*, 2012; 222: 289-301.
12. **Lee TMC**, Leung MK, Hou WK, Tany JCY, Jing Y, So KF, Lee CF, Chan CCH. Distinct Neural Activity Associated with Focused-Attention Meditation and Loving-Kindness Meditation. *PLoS One*. 2012; 7(8):e40054.
13. **Lee TMC**, Chau BKH, So KF, Chan, CCH. Potential application of cross-modal stimulation for neurorehabilitation: The relatedness of performance on tasks measuring

- cognitive processes subserved by similar prefrontal substrates. *Journal of Rehabilitation Medicine*, 2012; 2(4): 415-423.
14. Zhang HJ, Sun DL, **Lee TMC**. Impaired in social decision making in patients with major depressive disorder. *Brain and Behavior*. 2012; 2(4): 415-423.
 15. Sun DL, Chan CCH, **Lee TMC**. Identification and Classification of Facial Familiarity in Directed Lying: An ERP Study. *PLoS One*. 2012; 7:e31250.
 16. Chan, CCH, Wong AWK, Ting KH, Whitfield-Gabrieli S, He JF, Lee TMC. (2012). Cross auditory-spatial learning in early-blind individuals. *Human Brain Mapping*, 33, 2714-2727.
 17. Cheng GLF, Tang JCY, Li FWS, Lau EYY, **Lee TMC**. Schizophrenia and Risk-Taking: Impaired Reward but Preserved Punishment Processing. *Schizophrenia Research*. 2012; 13: 122-127.
 18. Lai FDM, Ip AKY, **Lee TMC**. Impulsivity and pathological gambling among Chinese: Is it a state or a trait problem? *BMC Research Notes*, 2011;4: 492. [doi:10.1186/1756-0500-4-492]
 19. Yau SY, Lau BWM, Ong JB, Wong R, Ching YP, Qiu G, Tang SW, **Lee TMC**, So KF. Hippocampal neurogenesis and dendritic plasticity support running-improved spatial learning and depression-like behaviour in stressed rats. *PLoS ONE*. 2011; 6(9): e24263. [doi:10.1371/journal.pone.0024263]
 20. Gao J, Cheung RTF, **Lee TMC**, Chu LW, Chan YS, Mak HKF, Zhang JX, Fung G, Cheung C. Possible retrogenesis observed with fiber tracking: an anteroposterior pattern of white matter disintegrity in normal aging and AD. *Journal of Alzheimer's Disease*. 26(1), 47-58. [doi:10.3233/JAD-2011-101788]
 21. Yau SY, Lee JCD, Lau BWM, Lee TMC, Ching YP, Tang SW, So KF. Low dose of corticosterone treatment with exercise increases hippocampal cell proliferation, and improves cognition. *Neural Regeneration and Research*. 2011; 6:2645-2655.
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 24. Xi C, Zhu Y, Niu C, Zhu C, **Lee TMC**, Tian Y, Wang K. Contributions of subregions of the prefrontal cortex to the theory of mind and decision making. *Behavioural Brain Research*. 2011; 221(2): 587-593.
 25. Tam HMK and **Lee TMC**. A post-discharge service for brain injury patients in Hong Kong, *Chinese Journal of Rehabilitation Medicine*. 2011;26:1098-1103.
 26. Leung AWS, Cheng SKW, Mak AKY, Leung KK, Li LSW, **Lee TMC**. Functional gain in hemorrhagic stroke patients is predicted by functional level and cognitive abilities measured at hospital admission. *NeuroRehabilitation*. 2010; 27(4): 351-358.
 27. Tang JLY, **Lee TMC**. Transforming role of rehabilitation psychologists: New paradigm, challenges, and directions. *Chinese Journal of Rehabilitation Medicine*. 2010; 25: 293-300.
 28. **Lee TMC**, Lee TMY, Raine A, Chan CCH. Lying about the Valence of Affective Pictures: An fMRI Study. *PLoS ONE*. 2010; 5: e12291.
 29. Ma TMK, Hou WK, Hung A, **Lee TMC**. Personality traits and social behaviors predict

- the psychological adjustment of Chinese people with epilepsy. *Seizure: European Journal of Epilepsy*. 2010; 19: 493-500.
30. Chan CCH, Li YZ, Guo LG, Zhou XN, Luo YJ, **Lee TMC**. Chinese herbal medicine and cognitive and emotional functions during 60-day head-down bed rest. *Aviation Space and Environmental Medicine*. 2010; 81: 754-760.
 31. **Lee TMC**, Ip AKY, Wang K, Xi CH, Hu PP, Mak HKF, Han SF, Chan CCH. Faux pas deficits in people with medial frontal lesions as related to impaired understanding of a speaker's mental state. *Neuropsychologia*. 2010; 48: 1670-1676.
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 37. Mak AKY, Wong MMC, Han SH, **Lee TMC**. Gray matter reduction associated with emotion regulation in female outpatients with major depressive disorder: A voxel-based morphometry study. *Progress in Neuropsychopharmacology and Biological Psychiatry*. 2009; 33: 1184-1190.
 38. Mak AKY, Hu ZG, Zhang JXX, Xiao ZW, **Lee TMC**. Sex-related differences in neural activity during emotion regulation. *Neuropsychologia*. 2009; 47: 2900-2908.
 39. Mak AKY, Hu ZG, Zhang JXX, Xiao ZW, **Lee TMC**. Neural correlates of regulation of positive and negative emotions: An fMRI study. *Neuroscience Letters*, 2009; 457: 101-106.
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 41. Kwok KY, **Lee TMC**. Neuropsychology: Behavioural evaluation and intracarotid Amobarbital Procedure (IAP). *The Hong Kong Medical Diary*. 2009; 14: 10-12.
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 44. Lau BWM, Yau SY, **Lee TMC**, Ching YP, Tang SW, So KF. Intracerebroventricular infusion of cytosine-arabioside causes prepulse inhibition disruption. *Neuroreport*. 2009; 20: 371-377.
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46. **Lee TMC**, Chan CCH, Leung AWS, Fox PT, Gao JH. Sex-related differences in neural activity during risk taking: An fMRI study. *Cerebral Cortex*. 2009; 19: 1303-1312.
 47. **Lee TMC**, Chan SC, Raine A. Hyperresponsivity to threat stimuli in domestic violence offenders: A functional magnetic resonance imaging study. *Journal of Clinical Psychiatry*. 2009; 70: 36-45.
 48. **Lee TMC**, Au RKC, Liu AHL, Ting KH, Huang CM, Chan CCH. Are errors differentiable from deceptive responses when feigning memory impairment? An fMRI study. *Brain and Cognition*. 2009; 69: 406-412.
 49. Leung KK, **Lee TMC**, Yip P, Li LSW, Wong MMC. Selective attention biases of people with depression: Positive and negative priming of depression-related information. *Psychiatry Research*. 2009;165: 241-251.
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 52. **Lee TMC**, Chan SC, Raine A. Strong limbic and weak frontal activation to aggressive stimuli in spouse abusers. *Molecular Psychiatry (Nature Publishing Group)*. 2008; 13: 655-660. (Findings also reported and discussed in *Science*:321 1023.).
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 56. Kwok FY, **Lee TMC**, Leung CHS, Poon WS. Changes of cognitive functioning following mild traumatic brain injury over a 3-month period. *Brain Injury*. 2008; 22: 740-751.
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