

2019 年 期刊論文(8 篇)

- (1) **Chang, T. T.***, Lung, T. C., Ng, C. T., & Metcalfe, A. W. S. (2019). Fronto-insular-parietal network engagement underlying arithmetic word problem solving. *Human Brain Mapping, 40*(6), 1927-1941. DOI: 10.1002/hbm.24502
- (2) Chen, C. C., Su, Y. S., Tu, Y. Z., & **Goh, J. O. S.*** (2019). Default-mode network activation underlies accurate contextual processing of exclusive disjunctions in older but not younger adults. *NeuroImage, 201*.
<https://doi.org/10.1016/j.neuroimage.2019.116012>
- (3) Chen, F. T., Chen, Y. P., Schneider, S., Kao, S. C., Huang, C. M.* , **Chang, Y. K.*** (2019). Effects of exercise modes on neural processing of working memory in Late middle-aged adults: An fMRI study. *Frontiers in Aging Neuroscience*.
- (4) **Huang, C. M.**, Doole, R., Wu, C.W., Huang, H.W., Chiao, Y. P.* (2019). Culture-related and individual differences in regional brain volumes: A cross-cultural voxel-based morphometry study. *Frontiers in Human Neuroscience, 13*:313. doi: 10.3389/fnhum.2019.00313.
- (5) Sie, J. H., Chen, Y. H., Chang, C. Y., **Yen, N. S.***, Chu, W. C.* , & Shiau, Y. H.* (2019, Jan.). Altered central autonomic network in baseball players: A resting state fMRI study. *Scientific Reports, 9*, 110. doi:10.1038/s41598-018-36329-9
- (6) **Yeh, Y. C.***, Hsu, W. C., Rega, E. M. (2019). The dynamic relationship of brain networks across time windows during product-based creative thinking. *Psychology Research, 9*(10), doi:10.17265/2159-5542/2019.10.001.
- (7) Yu, A., Chen, M, Hung, D., Tzeng, O., Cherodath, S., & **Wu, D. H.***(2019). Neuroimaging evidence for sensitivity to orthography-to-phonology conversion in native readers and foreign learners of Chinese. *Journal of Neurolinguistics*. (SCI & SSCI, IF=1.55 in 2017, RANK: 36/181 in LINGUISTICS)
- (8) **郭靜姿***、**陳學志**、**梁庚辰**、**高淑芬**、**吳清麟** (2019 年 03 月)。數理資優大腦白質網路結構分析之研究。教育心理學報，52(3)，389-406。

2018 年 期刊論文(14 篇)

- (1) **Chan, Y. C.*** Hsu, W. C. Liao, Y. J., Chen, H. C., Du, C. H. & Wu, C. L. (2018). Appreciation of humor styles in facilitating relationships: An fMRI study. *Scientific Reports*, 8, 15649.
- (2) Chang, C. Y., Chen, Y. H., & **Yen, N. S.*** (2018, Oct). Nonlinear neuroplasticity corresponding to sports experience: A voxel-based morphometry and resting-state functional connectivity study. *Hum Brain Mapping*, 39, 4393-4403. doi: 10.1002/hbm.24280.
- (3) **Chang, T. T.***, Lee, P. H., & Metcalfe, A. W. S. (2018). Intrinsic insula network engagement underlying children's reading and arithmetic skills. *NeuroImage*, 167(Supplement C), 162-177. doi: <https://doi.org/10.1016/j.neuroimage.2017.11.027>
- (4) Chikara, R. K., Chang, E. C., Lu, Y. C., Lin, D. S., Lin, C.T. & **Ko, L. W.***, (2018). Monetary Reward and Punishment to Response Inhibition Modulate Activation and Synchronization within the Inhibitory Brain Network. *Frontiers in Human Neuroscience*, 12:27.
- (5) **Her, O. S.**, Chen, Y. C., & Yen, N. S.* (2018). Neural correlates of quantity processing of Chinese numeral classifiers. *Brain and Language*, 176, 11-18.
- (6) Hsiao, F. C., Tsai, P. J., Lane, T. J., Wu, C W., Lee, H. C., Chen, L. C., **Yang, C. M.*** (2018). The Neurophysiological Basis of the Discrepancy between Objective and Subjective Sleep during the Sleep Onset Period: an EEG-fMRI study. *Sleep*.
- (7) Hsu, M. Y. T., & **Cheng, J. M. S.** (2018), "fMRI Neuromarketing and Consumer Learning Theory: Word-Of-Mouth Effectiveness after Product Harm Crisis", *European Journal of Marketing*.
- (8) **Lin, F. H.**, Polimeni, J. R., Lin, J. L., Tsai, K. W., Chu, Y. H., Wu, P. Y., Li, Y. T., Hsu, Y. C., Tsai, S. Y. & Kuo, W. J.* (2018). Relative latency and temporal variability of hemodynamic responses at the human primary visual cortex. *Neuroimage*. 1;164:194-201. doi: 10.1016/j.neuroimage.2017.01.041. Epub 2017 Jan 22.
- (9) R. K. Chikara, Komarov, O., **Ko, L.W.*** (2018) Neural signature of event-related N200 and P300 modulation in parietal lobe during human response inhibition", *Int. J. Computational Biology and Drug Design*, Vol. 11, Nos. 1/2, pp.171-182.

- (10) Su, Y. S., Chen, J. T., Tang, Y. J., Yuan, S. Y., McCarrey, A. C., & **Goh, J. O. S.*** (2018). Age-Related Differences in Striatal, Medial Temporal, and Frontal Involvement During Value-Based Decision Processing. *Neurobiology of Aging*, 69:185-198.
- (11) Tu, Y. Z., Lin, D. W., Suzuki, A., **Goh, J. O. S.*** (2018). East Asian young and older adult perceptions of emotional faces from an age- and sex-fair East Asian facial expression database. *Frontiers in Psychology*, 9:2358, doi: 10.3389/fpsyg.2018.02358
- (12) Wu, C. T., Fan, Y. T., Du, Y. R., Yang, T. T., Liu, H. L., Yen, N. S., Chen, S. H., & **Hsung, R. M.*** (2018). How Do Acquired Political Identities Influence Our Neural Processing toward Others within the Context of a Trust Game? *Frontiers in Human Neuroscience*, 10, 023.
- (13) **Yeh, Y. C.***, Hsu, W. C., & Li, P. H. (2018). The modulation of personal traits in neural responses during the aesthetic experience of mundane art. *Trends in Neuroscience and Education*, 10, 8-18.
- (14) 陳豐慈、黃植懋、王俊智、**張育愷*** (2018)。身體活動與老年大腦功能：功能性磁共振造影的研究回顧 [Physical activity and the aging brain: A review of functional magnetic resonance imaging studies]。教育心理學報，50 卷，2 期，363-388 頁。

2017 年 期刊論文(6 篇)

- (1) Bulut, T., Hung, Y. H., Tzeng, O. J.-L., & **Wu, D. H.*** (2017). Neural correlates of processing sentences and compound words in Chinese. *PLoS ONE*, 12 (12): e0188526.
- (2) Chen, H. C., **Chan, Y. C.**, Dai, R. H., Liao, Y. J., & Tu, C. H. (2017). Neuro linguistics of humor. S. Attardo (Ed). *The Routledge Handbook of Language and Humor*. Routledge: Taylor & Francis.
- (3) Chen, Y. H., Chen, Y. C., Kuo, W. J., Kan, K. H., **Yang, C. C.**, & Yen, N. S.* (2017). Strategic motives drives proposers to offer fairly in ultimatum games: An fMRI study. *Scientific Reports*, 7, 527.

- (4) Chiu, S. C., Chang, H. C., Chu, M. L., Wu, M. L., **Chung, H. W.** & Lin, Y. R.* (2017, Feb). De-aliasing for signal restoration in Propeller MR imaging. *Magnetic Resonance Imaging*, 36, 12-15.
- (5) Chiu, S. C., Lin, T. M., Lin, J. M., **Chung H. W.***, Ko, C.W., Büchert M, Bock M (2017). Effects of RF pulse profile and intra-voxel phase dispersion on MR fingerprinting with balanced SSFP readout (invited Special Issue article). *Magnetic Resonance Imaging* 41:80-86.
- (6) Hsu, Y. C., Chu, Y. H., Tsai, S. Y., Kuo, W. J., Chang, C. Y.& **Lin, F. H.*** (2017). Simultaneous multi-slice inverse imaging of the human brain. *Sci Rep.* 5;7(1):17019. doi: 10.1038/s41598-017-16976-0.

2016 年 期刊論文(8 篇)

- (1) **Chan, Y. C.*** (2016). Neural correlates of deficits in humor appreciation in Gelotophobia. *Scientific Reports*, 6, 34580.
- (2) **Chan, Y. C.*** (2016). Neural correlates of sex/gender differences in humor processing for different joke types. *Frontiers in Psychology*, 7, 536.
- (3) **Chan, Y. C.***, Liao, Y. J., Tu, C. H, Chen, H. C.* (2016). Neural correlates of hostile jokes: Cognitive and motivational processes in humor appreciation. *Frontiers in Human Neuroscience*, 10, 527.
- (4) Chen, H. Y., Chang, E. C., Chen, S. H. Y., Lin, Y. C., & **Wu, D. H.*** (2016). Functional and anatomical dissociation between the orthographic lexicon and the orthographic buffer revealed in reading and writing Chinese characters by fMRI. *NeuroImage*, 129, 105-116.
- (5) **Goh, J. O. S.***, Su, Y. S., Tang, Y. J., McCarrey, A. C., Tereschenko, A., Elkins, W., Resnick, S. M. (2016). Frontal, striatal, and medial temporal sensitivity to value distinguishes risk-seeking from risk-averse older adults during decision-making. *Journal of Neuroscience*, 36(49), 12498-12509.
- (6) Hsu, C. W., **Goh, J. O. S.*** (2016). Distinct and overlapping brain areas engaged during value-based, mathematical, and emotional decision processing. *Frontiers in Human Neuroscience*, 275.

- (7) **Ko, L. W.***, Shih, Y.C., Chikara, R. K., Chuang, Y. T., & Chang, E. C.* (2016). Neural Mechanisms of Inhibitory Response in a Battlefield Scenario: a Simultaneous fMRI-EEG Study. *Frontiers in Human Neuroscience*, doi: 10.3389/fnhum.2016.00185.
- (8) **Tsai, S. Y.**, Fang, C. H., Wu, T. Y., & Lin, Y. R.* (2016). Effects of Frequency Drift on the Quantification of Gamma-Aminobutyric Acid Using MEGA-PRES. *Scientific Reports*. 6, 24564. doi: 10.1038/srep24564.

2015 年 期刊論文(15 篇)

- (1) **Chan, Y. C.*** & Lavallee, J. P. (2015). Temporo-parietal and fronto-parietal lobe contributions to theory of mind and executive control: An fMRI study of verbal jokes. *Frontiers in Psychology*, 6, 1285.
- (2) **Chang, Y. K.***, Tsai, J. H. C., Wang, C. C., & Chang, E. C. (2015). Structural differences in basal ganglia of elite running versus martial arts athletes: A diffusion tensor imaging study. *Experimental Brain Research*, 1-10.
- (3) **Huimin Bhikshu.*** (2015). The Four Immeasurables in the Bodhisattvabhūmi and Mahāyānasūtrālamkāra and their Implementation in a Measuring Scale for a Study of Brain Imaging. *Dharma Drum Journal of Buddhist Studies*, Vol.16, 33-61.
- (4) Hung, Y. H., Pallier, C., Dehaene, S., Lin, Y. C., Chang, A., Tzeng, O. J. L., & **Wu, D. H.*** (2015). Neural correlates of merging number words. *NeuroImage*, 122, 33-43.
- (5) Lin, Y. C., Chen, H. Y., Lai, Y. C., & **Wu, D. H.*** (2015). Phonological similarity and orthographic similarity affect probed serial recall of Chinese characters. *Memory and Cognition*, 43(3), 538-554.
- (6) Niddam, D. M.*¹, **Tsai, S.Y.**¹, & Lin, Y. R. (2015). Statistical Mapping of Metabolites in the Medial Wall of the Brain: A Proton Echo Planar Spectroscopic Imaging Study. *Human Brain Mapping*. 36(3):852-861. (¹ David M. Niddam and Shang-Yueh Tsai contributed equally to this work)
- (7) **Tsai, S. Y.**, Hsu, Y. C., Chu, Y. H., Kuo, W. H., & Lin, F. H.* (2015). Combining parallel detection of proton echo planar spectroscopic imaging (PEPSI) measurements with a data-consistency constraint improves SNR. *NMR in Biomedicine*. 28(12):1678-1687

- (8) **Tsai, S. Y.**, Wang, W. C., & Lin, Y. R.* (2015). Comparison of Sagittal and Transverse Echo Planar Spectroscopic Imaging on the Quantification of Brain Metabolites. *Journal of Neuroimaging*, 25(2):167-174
- (9) Tseng, Y. S., Huang, T. Y.*, & **Tsai, S. Y.** (2015). Reducing signal loss of the parahippocampal gyrus improves imaging of the default-mode network in 3.0 T MRI: The effect of susceptibility-induced field gradients. *NMR in Biomed.* 28(12):1739-1746
- (10) Wu, C. L., An, C. P., Tseng, L. P., **Chen, H. C.***, Chan, Y. C., Cho, S. L., & Tsai, M. L. (2015). Fear of being laughed at with relation to parent attachment in individuals with autism. *Research in Autism Spectrum Disorders*, 10, 116-123.
- (11) Yeh, C. J., Tseng, Y. S., Lin, Y. R., **Tsai, S. Y.**, & Huang, T. Y.* (2015). Resting-State Functional Magnetic Resonance Imaging: The Impact of Regression Analysis. *Journal of Neuroimaging*, 25(1), 117-123.
- (12) **Yeh, Y. C.***, Lin, C. W., Hsu, W.C., Kuo, W. J., & Chan, Y. C. (2015). Associated and dissociated neural substrates of aesthetic judgment and aesthetic emotion during the appreciation of everyday designed products. *Neuropsychologia*, 73, 151-160.
- (13) Yu, B., Nakao, N., Xu, J., Qin, P., Chaves, P., Heinzl, A., Duncan, N., **Lane, T. J.**, Yen, N. S., Tsai, S. Y., & Northoff, G.* (2015, Aug.). Resting state glutamate predicts elevated pre-stimulus alpha during self-relatedness-A combined EEG-MRS study on rest-self overlap. *Social Neuroscience*, 1-14.
DOI:10.1080/17470919.2015.1072582
- (14) Yu, J. X., Tseng, P., Hung, D. L., Wu, S W., & **Juan, C. H.*** (2015). Brain stimulation improves cognitive control by modulating medial-frontal activity and preSMA- vmPFC functional connectivity. *Human Brain Mapping*, 36(10):4004-15.
- (15) **詹雨臻*** (2015). 幽默的腦神經機制。教育與心理研究期刊, 38(3), 101-135。
Chan, Y. C.*(2015). The Neural Substrates of Humor Processing: An Integrative Review. *Journal of Education & Psychology*, 38, 3

2014 年 期刊論文(1 篇)

- (1) Tseng, L. Y., Tseng, P., Liang, W. K., Hung, D.L., Tzeng, O, Muggleton, N, & **Juan, C. H.*** (2014). The role of superior temporal sulcus in the control of irrelevant emotional face processing: A transcranial direct current stimulation study. *Neuropsychologia*, 64, 124-133.

2013 年 期刊論文(1 篇)

- (1) **張育愷***、祝堅恆、王俊智、楊高騰 (2013)。以磁共振造影取向探討身體活動與神經認知功能老化：回顧與展望。 *教育心理學報*，45(1)，83-102。