

研討會論文 188 篇數 (2021 年 1 篇、2020 年 12 篇、2019 年 21 篇、2018 年 20 篇、2017 年 25 篇、2016 年 33 篇、2015 年 34 篇、2014 年 28 篇、2013 年 11 篇、2012 年 3 篇) 則更多元地展示初步研究之成果, 議題包含認知、決策、經濟、美感等於 fMRI 之研究, 而技術相關之報告亦持續穩定發表。詳述如下:

### 2021 年 研討會論文(1 篇)

- (1) Chiu, Y.-S.\*, Hsieh, M.-C., Lin, Y.-C., Tsai, H.-J., Kuo, W.-J. (2021). *The neural correlates of story comprehension in Mandarin and Taiwanese Sign Language*. Poster presented at the International Congress of Psychology (ICP), July 18-23, 2021, Prague, Czech Republic.

### 2020 年 研討會論文(12 篇)

- (1) Chang, C. Y., **Yeh, Y.\***, Chang, J. Y., & Ting, Y. S. (2020, Oct). The neural plasticity of creativity learning: An intervention of mindful learning. Society for NeuroEconomics Virtual 18th Annual Meeting, October 7 – 9, 2020.
- (2) Chang, Y. T., Lin, Y. C., Maschke, C., **Goh, J. O. S.** (2020). *Neural correlates underlying spatial and social navigational processing*. [A120]. Annual Meeting for the Cognitive Neuroscience Society, Boston, MA, USA.
- (3) Chen, C. C., Lee, C. Y., Mair, R., Gutchess, A., **Goh, J. O. S.** (2020). *Cross-site multiband fMRI signal validation and calibration for cross-cultural neurocognitive studies*. [C92]. Annual Meeting for the Cognitive Neuroscience Society, Boston, MA, USA.
- (4) **Chiu, Y.-S.\***, Lin, Y.-C., Hsieh, M.-C., Tsai, H.-J., Kuo, W.-J. (2020) *An fMRI study of late bimodal bilinguals during story comprehension*. Poster presented at The Organization for Human Brain Mapping (OHBM), June 25-29, 2020, Montreal, Canada.
- (5) **Huang, C. M.**, Wang, S. M., Wu, C. W., Lin, Y. C., Doole, R., Huang, H. W., Yeh, C.H., Chao, Y.P. (2020). *The effects of independence and interdependence orientations on microstructure of neural circuitry: A cross-cultural diffusion neuroimaging study*. Paper presented at the Federation of European Neuroscience Societies (FENS) 2020 Virtual Forum of Neuroscience.
- (6) Kao, Y. H., Chen, C. C., Su, Y. S., Wu, C. Y., **Goh, J. O. S.** (2020). *Differential striatal responses during moral and economic value-based decision-making*. [C122]. Annual Meeting for the Cognitive Neuroscience Society, Boston, MA, USA.

- (7) Li, C. W., **Lin, C. Y. Y.**, Chang, T. T., Yen, N. S., Tan, D. C. (2020, May. 21-24) *Exploratory Decision Making Associates with BAS/BIS*, Association for Psychological Science (APS) Annual Convention ,Chicago, USA.(accepted by APS conference)
- (8) Lin, W. R., Su, Y. S., **Goh, J. O. S.** (2020). *Neural correlates underlying passive and active abstract rule inferencing*. [C129]. Annual Meeting for the Cognitive Neuroscience Society, Boston, MA, USA.
- (9) Lin, Y. C. & **Huang, C. M.** (2020). *Socio-cultural and individual differences in neural underpinnings of perceiving exterior and interior elements of environment: A cross-cultural functional MRI study*. Paper presented at the (Virtual) Conference on Academy of Neuroscience for Architecture (ANFA), Salk Institute, San Diego, USA
- (10) Lin, Y. C., Chang, Y. T., Maschke, C., **Goh, J. O. S.** (2020). *Navigational agency modulates neural representations of spatial environments*. [C125]. Annual Meeting for the Cognitive Neuroscience Society, Boston, MA, USA.
- (11) Ng, C. T. & **Chang, T. T.** (2020, Jun). *Problem description modulates brain representation of arithmetic word problem solving*. The 26th Annual Meeting of Human Brain Mapping, Organization of Human Brain Mapping, Virtual Conference.
- (12) **Yeh, Y.\***, Chang, C. Y., Hsu, W. C., & Chang, J. Y. (2020, July). Can the intervention of SCAMPER bring about changes of neural activation while taking creativity tasks? Paper presented at the European Conference on Education (ECE2020) online, July 16-19, 2020. London, UK.

#### 2019 年 研討會論文(21 篇)

- (1) Chen, P.-H., Wong, J.-S., Lin, W.-T., Tseng, I. W.-Y., Goh, J. O. S., & **Lee, C. L.** (2019). *Investigating the role of inter-hemispheric communication in age-related increase in right hemisphere P600 grammaticality effect: a combined ERP and DTI Study*. Poster presented at the 11th Annual Meeting of the Society for the Neurobiology of Language (August 20-22, Helsinki, Finland).
- (2) Chen, Y. C., & **Yen, N. S.\*** (2019, Oct.). *Neural mechanisms for tracking self and other reward in dictator game*. Poster presented at the 2019 annual meeting of Society for Neuroeconomics, Dublin, Ireland.
- (3) Chen, Y. Y., Chen, C.-S., Haw, Y. S., Chen, C.-H., Goh, J. O. S., Huang, T. S.-T., & **Shyi, G. C.-W.** (2019). *Neural Correlates of Emotional Expression*

*Processing of East-Asian Faces: An fMRI and Dynamic Causal Modeling Investigation.* Poster presented at the 19<sup>th</sup> Annual Meeting of Vision Sciences Society, St. Pete Beach, Florida, USA.

- (4) Cheng, J., Chen, M. S. Y., Dong, L.J. W., Shih, D. Y. W., & **Wu, D. H.** (2019, March). *Neural correlates of aesthetic ratings of Chinese calligraphy and scenery photos in nonreaders of Chinese.* Poster presented in the 2019 Annual Meeting of Cognitive Neuroscience Society, Los Angeles, USA.
- (5) Chu, L., Chen, H. F., Cheng, Y., & **Fan, Y. T.** (2019, January). *Altered sensory functioning as a broader autism phenotype: Behavioral and neuronal correlates in parents of individuals with autism spectrum disorder (ASD).* Poster presented at the 2019 Taiwan Society of Cognitive Neuroscience Annual Meeting, Hsinchi, Taiwan.
- (6) **Chui, Kawai,** Yeh, Kanyu & Chang, Ting-Ting. (2019, March 23-26). *The bimodal processing of self-adaptors, emblems, and iconic gestures with speech: An fMRI study.* Poster presented at the 21st annual meeting of Cognitive Neuroscience Society (CNS), San Francisco, CA, U.S.A.
- (7) **Fan, Y. T.,** Chu, L., Chen, H. F., Cheng, Y., Wong, C. C., Huang, C. M., Tzeng, O. J. L. (2019, March). *Atypical sensory responsiveness as an endophenotype in individuals with autism spectrum disorder (ASD).* Poster presented at the 26th Annual Meeting of Cognitive Neuroscience Society, San Francisco, USA.
- (8) **Hsu, C.F.** (2019). Neuroimaging Causal Inferences and Semantic Priming in People with Williams Syndrome: An fMRI Study. *Proceedings of the 15<sup>th</sup> Annual Meeting of Chinese Developmental Psychology*, 191–193. 天津, China.
- (9) Kuo, Y.-C., Chen, Y.-Y., & **Shyi, G. C.-W.** (2019). *The Neural Underpinning of Abstracting Emotion from Facial Expressions.* Poster presented at the 19<sup>th</sup> Annual Meeting of Vision Sciences Society, St. Pete Beach, Florida, USA.
- (10) **Lin, Y. T.** (2019 Oct) *Gamma-band auditory steady-state response and GABAergic neurotransmission in early psychosis.* TSBPN-AsCNP Joint Meeting, Fukuoka, Japan.
- (11) Lin, Y.C., Doole, R., Huang, H.W., **Huang, C. M.** (2019). *Social values modulate culture-related and individual differences in neural correlates of moral decision making: A cross-cultural functional MRI study.* Paper presented at the annual meeting of the Cognitive Neuroscience Society (CNS), San Francisco, CA, USA.

- (12) **Liu, H. M.** (2019, April). *Neural Basis of Categorical Tone Perception in Mandarin-speaking Children with Specific Language Impairment*. 發表於「心智科學腦影像研究計畫」成果發表會。台北:政治大學。
- (13) **Liu, H. M.**, Tsao, F. M., Hsu, W. C., Kuo, L. C. (2019). *Brain Activations of Categorical Tone Perception in Children with Specific Language Impairment*. Paper presented at Cognitive Neuroscience Society Annual Meeting, San Francisco, USA.
- (14) Ng, C. T. & **Chang, T. T.** (2019, Mar). *Arithmetic word problem solving is more than reading comprehension: Neurocognitive evidence from fMRI in 3rd and 4th graders*. The 26th Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA.
- (15) Shih-Tseng T. Huang, Ya-yun Chen, Yu Song Haw, Chi-Chuan Chen, Joshua O. S. Goh, **Shyi, G. C.-W.** (2019, March). *Brain Activation in Processing Emotional Expression of Voice Utterance: An fMRI-DCM approach*, Poster presented at the CNS 2019 Annual Meeting, San Francisco, CA, USA
- (16) **Shyi, G. C.-W.**, Hsieh, W.-T., Tsai, F. F.-S., Lee, C.-C., Huang, T. S.-T. Goh, J. O. S., Chen, Y.-Y, Chen, C.-C., and Haw, Y. S. (2019). *Neural Encoding and Decoding with Convolutional Autoencoder for Predicting Emotional Judgment of Facial Expressions*. Poster presented at the 19<sup>th</sup> Annual Meeting of Vision Sciences Society, St. Pete Beach, Florida, USA.
- (17) **Shyi, G. C.-W.**, S.-T. T. Huang, Goh, J. O.-S., Lee, C.-C., Chen, Y.-Y., Chen, C.-H., Wan-Ting Hsieh, W.-T., Tsai, F. F.-S., & Chen, C.-C. (2019). *Neural modeling and computational approaches to investigating the brain mechanisms underpinning emotional expression processing of East-Asian faces*. Poster presented at the 50<sup>th</sup> Annual Meeting of Society for Neuroscience (SfN), Chicago, IL, USA.
- (18) **Shyi, G. C.-W.**, Wan-Ting Hsieh, Felix F.-S. Tsai, Jeremy C.-C. Lee, Shih-Tseng Tina Huang, Joshua O. S. Goh, Ya-Yun Chen, Chi-Chuan Chen, Yu Song Haw (2019, May). *Neural Encoding and Decoding with Convolutional Autoencoder for Predicting Emotional Judgment of Facial Expressions*, Poster presented at the 2019 Annual Meeting of Vision Sciences Society (VSS), St. Pete Beach, FL, USA.
- (19) Su, Y. S., Hsu, P. S. Y., Chen, Y. L., Hsia, C. Y., Chiu, M. J., Tseng, I. W. Y., Tang, P. F., Chang, Y. L., Lee, C. C. L., **Goh, J. O. S.** (2019). *Distinct locus coeruleus and precuneus responses in older adults with cognitive impairment or*

*subjective impairment or subjective complaints during value-based choice processing.* [E129]. Presented at the Annual Meeting for the Cognitive Neuroscience Society, San Francisco, CA, USA.

- (20) **Tsao, F. M.**, Hsu, W. C., & Liu, H. M. (2019, March). *Conflict monitoring and resolving lexical-prosodic incongruence of emotion prosody identification in children with high-functioning autism.* Poster presented at the Cognitive Neuroscience Society 2019 Annual Meeting, San Francisco, USA.
- (21) Ya-Yun Chen, Chi-Chuan Chen, Yu Song Haw, Chin-Hui Chen, Joshua O. S. Goh, Shih-Tseng Tina Huang, **Shyi, G. C.-W.** (2019, May). *Neural Correlates of Emotional Expression Processing of East-Asian Faces: An fMRI and Dynamic Causal Modeling Investigation.* Poster presented at the 2019 Annual Meeting of Vision Sciences Society (VSS), St. Pete Beach, FL, USA.

#### 2018 年 研討會論文(20 篇)

- (1) Lin, Y.C., Doole, R., Liu, K.J., Liu, H.L., **Huang, H. W.**, Huang, C.M. (2018). *Cultural influences on neural processing of moral evaluation: A cross-cultural functional MRI study.* Paper presented at the 11th Federation of European Neuroscience Societies (FENS) Forum of Neuroscience, Berlin, Germany.
- (2) Yen, N. S., Chang, T. T., Lin, C. Y. Y. **Tan, D.**, Chen, Y. C. (2018). *The role of motivational systems in dissecting the neural correlates of ambidextrous decision making.* Society for NeuroEconomics Meeting. October, Philadelphia, USA.
- (3) Hsu, P. S. Y., Tang, P. F., Wu, M. T., Chen, N. C., Chiu, M. J., **Goh, J. O. S.**, Tseng, W. Y., Chang, Y. L., Lee, C. L. (2018). *Brain activation characteristics during non-switch and switch tasks in subjective cognitive decline.* [2196]. Presented at the Annual Meeting for the Organization of Human Brain Mapping, Singapore.
- (4) Hung, I. T., **Goh, J. O. S.** (2018). *Neural correlates of encoding and retrieving probabilities of event occurrences.* [F126]. Presented at the Annual Meeting for the Cognitive Neuroscience Society, Boston, MA, USA.
- (5) Wu, M. T., Tang, P. F., Chen, N. C., **Goh, J. O. S.**, Chou, T. L., Hsu, Y. C., Tseng, W. Y. (2018). *Ability to modulate left frontal activation is associated with switch performance in the middle-aged.* [1747]. Presented at the Annual Meeting for the Organization of Human Brain Mapping, Singapore.

- (6) Chou, C. Y., **Goh, J. O. S.** (2018). *Minimal age differences in neural activity despite more pro-social decision behavior in older adults*. [2195]. Presented at the Annual Meeting for the Organization of Human Brain Mapping, Singapore.
- (7) Yu, C. Y., Huang, T. Y., **Chung, H. W.** (2018) *Single breath-hold MR T1-mapping in the heart: comparison of hybrid MOLLI and MOLLI53*, in International Society of Magnetic Resonance in Medicine, 26th Annual Meeting, #2916, Paris, France.
- (8) **Tsai, J. L.**, Li, G. H., Lee, C. Y., Su, C. I. E., & Lin, T. H. (2018, Aug). *Lexical access and integration in context: a fixation-related fMRI study of the word predictability and word frequency interaction during sentence comprehension*. The 10th Annual Meeting of the Society for the Neurobiology of Language (SNL), Québec, Canada.
- (9) Chang, C. T., Li, P, Tsai, J. L., Lin, E. J., Chao, P. C., Chou, C. J., **Lee, C. Y.\*** (2018, March). *The neural substrates for predictive processes in sentence comprehension*. Poster session presented at the Twenty-fifth Annual Cognitive Neuroscience Society Meeting, Boston, USA.
- (10) Liu Y-H: Liu Y-H, Hung C-C, Huang C-C, Lee I-T, Chen C-M, Duann JR, Lee TSH, Li C-SR, **Muggleton NG**, Lin CP. (2018, 17th-21st June) *The effects of adolescent ketamine exposure on brain morphology and function in chronic users*. 24th Annual meeting of the Organization of Human Brain Mapping, Singapore.
- (11) Yen, N. S., Li, C. W., Chang, T. T., **Lin, C. Y. Y.**, Tan, D. C., Chen, Y. C. (2018, Oct. 5-7) *The Role of Motivational Systems in Dissecting the Neural Correlates of Ambidextrous Decision Making*, Society for Neuro-economics (SNE) Conference, Pennsylvania, Philadelphia, USA.
- (12) Lung, T. C. & **Chang, T. T.** (2018, Jan). *Neural correlates of arithmetic word problem solving*. The 5th Annual Meeting of Taiwan Society of Cognitive Neuroscience, Taichung, Taiwan.
- (13) Chikara, R. K., **Ko, L.W.** \*, & Chang, E. C., (2018, January 20). *Neural Mechanism of Reward and Punishment during Inhibitory Control with Simultaneous fMRI-EEG Study*. Taiwan Society of Cognitive Neuroscience (TSCN), Taichung, Taiwan.
- (14) **Yeh, Y. C.\***, Hsu, W. C., Rega, E. (2018, March). *The dynamic connectivity of neural networks in value-based creativity*. Paper presented at The Asian

Conference on Psychology & the Behavioral Sciences, March 22 to March 24, 2018, The Art Center Kobe, Kobe, Japan.

- (15) Xu, K. Y., Duann, J. R., & **Wu, D. H.** (2018, March). *The involvement of left inferior frontal and posterior superior temporal gyri in processing Chinese relative clauses*. Poster presented in the 2018 Annual Meeting of Cognitive Neuroscience Society, Boston, USA.
- (16) Chang, T. T., Lin, Y. Y., Yen, N. S., **Tan, D.**, Chen, Y. C. (2018, Mar). *Dissecting the neural correlates of ambidextrous decision making*. Poster presented at the 25th Cognitive Neuroscience Society Annual Meeting, Boston, USA.
- (17) **Yeh, Y. C.\***, Hsu, W. C., Rega, E. (2018, March22-24). *The dynamic connectivity of neural networks in value-based creativity*. Paper presented at The Asian Conference on Psychology & the Behavioral Sciences, The Art Center Kobe, Kobe, Japan.
- (18) Chen, Y. C., Hsu, W. C., & **Chan, Y. C.** (2018, June). *Neural Correlates of Humor Motivation: An fMRI study*. Poster presented at the 2018 Annual Meeting of the Organization for Human Brain Mapping (OHBM), Singapore, June 17-21, 2018.
- (19) **Chang, T. T.**, Lung, T. C., & Ng, C. T. (2018, Jun). *Arithmetic word problem solving is not merely text comprehension: Neurocognitive evidence from fMRI*. The 24th Annual Meeting of Human Brain Mapping, Singapore.
- (20) Yu, W. R., Hsu, W. C., Lin, Y. C., & **Chan, Y. C.** (2018, June17-21). *Neural bases of self and other representation: An fMRI investigation*. Poster presented at the 2018 Annual Meeting of the Organization for Human Brain Mapping (OHBM), Singapore.

#### 2017 年 研討會論文(25 篇)

- (1) **Bei, L. T.**, Cheng, L. K., Hsu, W. C., & Chen, Y. S. A. (2017, Oct). *The Neuroscience Viewpoint on the Interaction Effect between Persuasive Arguments and Celebrity on Attitude Change*. Association for Consumer Research (ACR) Conference, San Diego, USA.
- (2) **Chan, Y. C.** (2017, June25-29). *Unraveling the mystery of humorlessness: The neural correlates of gelotophobia*. Poster presented at the 2017 Annual Meeting of the Organization for Human Brain Mapping (OHBM), Vancouver, Canada.

- (3) **Chan S** and Lin K. (2017, May26-28). *The biological foundation of conceptual hierarchy*. Abstract presented at the International Linguistic Association 62nd Annual Conference. Hong Kong.
- (4) **Chang, T. T.**\* Lee, P. F. Metcalfe, A. W. S., (2017). *Common and distinct neural circuits of cognitive control in children's reading and srithmetic skills*. The 23rd Annual Meeting of Human Brain Mapping, Vancouver, Canada.
- (5) Chao, P. C., Chen, W. F., & **Lee C. Y.** (2017). *Neuronal correlates of orthographic consistency effects on Chinese spoken word recognition*. Paper will present at the 23rd Annual Meeting of the Organization for Human Brain Mapping. Vancouver, BA, Canada.
- (6) Chao, P. C., Chen, W. F., Tsai, J. L., & **Lee C. Y.** (2017). *Orthographic influences on Chinese spoken language in the brain: task-dependent effects as revealed by event-related fMRI*. Paper will present at the Ninth Annual Meeting of the Society for the Neurobiology of Language. Baltimore, USA.
- (7) Chen, I. F., & **Chan, Y. C.** (2017, June 25-29). *The neural correlates of gender differences in aggressive jokes and nonaggressive jokes*. Poster presented at the 2017 Annual Meeting of the Organization for Human Brain Mapping (OHBM), Vancouver, Canada.
- (8) Chen, M. S. Y., Wang, T. Y., Teresa Pegors, & **Wu, D. H.** (2017, January). *Perception of beauty in calligraphic Chinese characters between Chinese and American readers*. Poster presented in the 2017 Annual Meeting of Taiwan Society of Cognitive Neuroscience, Chungli, Taiwan.
- (9) Chen, M. S. Y., & **Wu, D. H.** (2017, November). *Experts of Chinese calligraphy perceive characters globally*. Poster presented in the Psychonomic Society 57th Annual Meeting, Vancouver, Canada.
- (10) Chen, C. C., **Goh, J. O. S.** (2017). *Neural correlates of age differences in contingent rule processing*. Presented at the Organization for Human Brain Mapping, Vancouver, Canada.
- (11) 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 within-slice phase dispersion on accuracy of MR fingerprinting with balanced SSFP readout*, in International Society of Magnetic Resonance in Medicine, 25th Annual Meeting, #80, Honolulu, Hawaii, USA.



- (12) Chuang, Y. S., Su, Y. S., **Goh, J. O. S.** (2017). *Personal core values modulate risky choice evaluation and subsequent risk-taking behavior: An fMRI study* [171.05 / TT32]. Presented at the Society for Neuroscience Annual Meeting, Washington, DC, USA.
- (13) Lai, C. H., Hsieh, S. K., **Lee, C. L.**, Su, I. W., Liu, T. H., Lu, C. R., Tsai, I. N., & Chou, T. L. (2017). *Lateralization differences on semantic processing between native speakers and proficient learners of Mandarin Chinese*. Poster presented at the 9th Annual Meeting of the Society for the Neurobiology of Language, Nov. 8- 10, Baltimore, USA.
- (14) Lee, C. Y., **Goh, J. O. S.**, Gau, S. S. F. (2017). *Neural correlates of evaluative processing in adults with ADHD during decision-making* [3336]. Presented at the Organization for Human Brain Mapping, Vancouver, Canada.
- (15) Lee, P. H., **Chang, T. T.** (2017, Jan). *Development of functional dissociation and neural stability of four basic arithmetic operations*. The 4th Annual Meeting of Taiwan Society of Cognitive Neuroscience, Chungli, Taiwan.
- (16) Liao, L. Y., **Chang, T. T.\***, & Lu, Y. W., (2017, Jan). *Development of intrinsic functional connectivity within human posterior parietal cortex*. The 4th Annual Meeting of Taiwan Society of Cognitive Neuroscience, Chungli, Taiwan.
- (17) Lin, W. T., Weng, C. H., Chen, M. H., Tseng, W. Y. I., Goh, J. O. S., & **Lee, C. L.** (2017, Nov.8-10). *Linking white matter integrity to syntactic category processing - an ERP and DTI study*. Poster presented at the 9th Annual Meeting of the Society for the Neurobiology of Language, Baltimore, USA.
- (18) Lin, W.-T., Weng, C.-H., Chen, M.-H., Tseng, W.-Y. I., Goh, J. O. S., **Lee, C. L.** (2017). *Linking white matter integrity to syntactic category processing - an ERP and DTI study*. Abstract of the Society for the Neurobiology of Language, 154.
- (19) Lin W. T., Chen M. H., Goh J. O. S., & **Lee, C. L.** (2017, Sep. 1-3). *Linking white matter integrity to hemispheric processing of syntactic category information – an ERP and DTI study*. Poster presented at the 11th International Conference on Cognitive Science (ICCS), Taipei, Taiwan.
- (20) Shih S. F., **Chung H. W.** (2017). *A weighted least squares approach to reduce T1 estimation bias in DESPOT1*, in European Society for Magnetic Resonance in Medicine and Biology, Barcelona, Spain.
- (21) **Tsao, F. M.**, Hsu, W. C., & Liu, H. M. (2017, November). *The effect of cognitive flexibility on phonetic and emotional prosody perception in children*

*with high functioning autism: An fMRI study.* Poster presented at the 2017 American Speech Language Hearing Association Convention, Los Angeles, USA.

- (22) Tseng, D. J., Wu, C.W., Liu, M. C., Tzeng, O. J. L., Huang, H.W., **Huang, C. M.\*** (2017). *Neural correlates of convergent and divergent creativity: An fMRI study.* Paper presented at the 57th Annual Meeting of the Society for Psychophysiological Research (SPR), Vienna, Austria.
- (23) **Wu, D. H.** (2017, September). *Converging Evidence For The Processing Advantage of Object-Relative Clause in Chinese Sentences.* Oral presented in the 11th Annual Meeting of International Conference on Cognitive Science, Taipei, Taiwan.
- (24) **Wu, D. H.**, Chen, M. S. Y., Teresa Pegors, Hung, D. L., & Tzeng, O. J. L. (2017, March). *Neural correlates of aesthetic ratings of calligraphic characters and scenery photos in experts and novices of Chinese calligraphy.* Poster presented in the 2017 Annual Meeting of Cognitive Neuroscience Society, San Francisco, USA.
- (25) **Yeh, Y.C.**, Hsu, W. C., Rega, E. (2017, December 22). *The dynamic connectivity of neural networks in value-based creativity.* Paper will be presented at The Asian Conference on Psychology & the Behavioral Sciences, March 22 to March 24, 2018, The Art Center Kobe, Kobe, Japan.

#### 2016 年 研討會論文(33 篇)

- (1) Bulut, T., Chen, Y. W., & **Wu, D. H.** (2016, January). *Neural Correlates of Syntactic Processing in Chinese: Evidence from fMRI.* Poster presented in the 4th Annual Meeting of the Taiwan Society of Cognitive Neuroscience, Taipei, Taiwan.
- (2) **Chan, S.** & P Chien. (2016, Aug). *Language-specific categorization may influence how people perceive the world: an fMRI study on linguistic relativity.* Poster presented at the 6th Brain and Mind Research in the Asia-Pacific (BMAP) Symposium. Auckland, New Zealand.
- (3) **Chan, Y. C.\***, Liao, Y. J., & Chen, H. C. (2016, 27 June-1 July ). *Dysfunction of reward and motivation processing in gelotophobes: An fMRI study.* Annual Meeting of the International Society for Humor Studies (ISHS), Trinity College Dublin, Ireland.

- (4) Chang C. Y., Chen Y. H., & **Yen, N. S.** (2016, July). *Training-induced neuroplasticity in baseball players with different skill levels*. Research Center for Mind, Brain, and Learning/Department of Psychology, National Chengchi University, Taipei, Taiwan.
- (5) Chang, C. Y, Chen, Y. H., & **Yen, N. S.**\* (2016, June). *Training-induced neuroplasticity in baseball players with different skill levels*. Poster presented at the 22 nd Annual Meeting of Human Brain Mapping, Geneva, Switzerland.
- (6) **Chang, T. T.**, Lee, P. H., Metcalfe, A. W. M. (2016, Nov). *Development of neural stability for four basic arithmetic operations*. 2016 Annual Meeting of Society for Neuroscience, San Diego, USA.
- (7) Chen, I. F., & **Chan, Y. C.** (2016, 26-30 June). *Gender specific humor processing in different types of jokes*. Poster presented at the 2016 Annual Meeting of the Organization for Human Brain Mapping (OHBM), Geneva, Switzerland.
- (8) Chen, P. H., Chen, M. H., Lu, C., Hsieh, S. K., Chou, T. L., Su, I. W.,& **Lee, C. L.** (2016, Apr). *Hemispheric differences in processing syntactic category information in second language*. Poster presented at the 23 rd Annual meeting of Cognitive Neuroscience Society, New York, USA.
- (9) Chen, Y. C., **Her, O. S.**, Wu, D. H., Yen, N. S. (2016, June). *The Neural Correlates of Mathematical Processing of Chinese Numeral Classifiers and Measure Words*. Paper will be presented at the 22nd Annual Meeting of the Organization of Human Brain Mapping, Geneva, Switzerland.
- (10) Chen, Y. H., Chang, C. Y., & **Yen, N. S.** (2016, Jan). *Batting eye of elite batters & its underpinned neural mechanism: an fMRI study (The preliminary report)*. 2016 annual meeting of the Taiwan Society of Cognitive Neuroscience, Taipei, Taiwan.
- (11) Chen, Y. H., Chang, C. Y., & **Yen, N. S.** (2016, July). *Swing decisions between skilled and intermediate baseball batters: an fMRI study*. Research Center for Mind, Brain, and Learning/Department of Psychology, National Chengchi University, Taipei, Taiwan.
- (12) Chen, Y. H., Chang, C. Y., & **Yen, N. S.**\* (2016, June). *Swing decisions between skilled and intermediate baseball batters: an fMRI study*. Poster presented at the 22nd Annual Meeting of Human Brain Mapping, Geneva, Switzerland.

- (13) Chikara, R. K. and **Ko, L.W.\*** (2016, Aug. 16-20) “*Phase modulation-Based Response-Inhibition Outcome Prediction in Translational Scenario of Stop-Signal task*”, The 38th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC), Orlando, USA.
- (14) Dai, R. H., **Chen, H. C.** (2016, June). *Gender/sex differences in the neural response to incongruity-resolution and nonsense verbal humor*. Humor conference, Dublin, Ireland.
- (15) Hsieh, U. L., Tseng, W. Y., Lo, Y. C., Hsu, Y. C., **Goh, J. O. S.** (2016). *Midbrain to cerebral dopaminergic and serotonergic white-matter fiber tracts identified on the ntu-dsi-122 template* [89.19 / JJJ18]. Presented at the Society for Neuroscience Annual Meeting, San Diego, CA, USA.
- (16) **Huang, C. M.**, Ho, P. S., Lee, Y. C., Liu, H. L., Doole, R., Wu, C. T., & Huang, H. W. (2016). *Cultural influences on neural processing of contextual scenes*. Poster presented at the annual meeting of the Cognitive Neuroscience Society (CNS), New York, USA.
- (17) Hung, H. Y., Chen, P., **Goh, J. O. S.** (2016). *Age differences in mutual information of electroencephalograms during value-based decision-making* [648.14 / MMM39]. Presented at the Society for Neuroscience Annual Meeting, San Diego, CA, USA.
- (18) Hung, S. H., Liao, M. C., Chien, C. P., Wu, W. C. & **Chung, H.W.** (2016). *Liver IVIM MR imaging: improved reproducibility of pseudo-diffusion coefficient  $D^*$  via proper signal modeling*, in International Society of Magnetic Resonance in Medicine, 24th Annual Meeting, #2947, Singapore.
- (19) **Ko, L.W.\***, Chikara, R. K., Shih, Y. C., & Chang, E.\*, (2016, 31Oct.-2Nov). *Neural oscillations in Temporoparietal lobes under Inhibitory Control in a Naturalistic situation*. The 16th annual IEEE International Conference on Bioinformatics and Bioengineering (BIBE), Taichung, Taiwan.
- (20) **Ko, L.W.\***, Shih, Y. C., Chikara, R. K., Lu, Y. C., Chuang, Y.T., & Chang, E.\*, (2016, Jan23). *EEG-fMRI Methods for the Study of Brain Modulation under response inhibition in the Battlefield Scenario*, Taiwan Society of Cognitive Neuroscience, Taipei, Taiwan.
- (21) **Kuo, C. C.** (2016, July). *What the Brain Studies Tell Us? Neuropsychological Mechanism of Science Talented Learners*. Keynote speech at the 14 th Asia-Pacific Conference on Giftedness, Macau, China.

- (22) Lee, P. H., Li, P. H. S. **Chang, T. T.** (2016, Jan). *Common neural representation between arithmetic operations with distinct quantities but similar problem solving strategies*. The 3rd Annual Meeting of Taiwan Society of Cognitive Neuroscience, Taipei, Taiwan.
- (23) **Liang, T. P.**, Li, Y.W., Yen, N. S., Hsu, S. M. (2016, Aug). *Escalation of Commitment in Software Projects: A Neural Science Perspective*. The 22nd American Conference on Information Systems, San Diego, CA.
- (24) Lin, D. W., & **Goh, J. O. S.** (2016). *Neural correlates of emotional feedback influences on valuative decisions in young and older adults*. Organization for Human Brain Mapping, Geneva, Switzerland.
- (25) **Liu, H. M.**, Tsai, M. H., Hsu, W. C., & Tsao, F. M. (2016, Apr). *Brain activations of categorical tone perception: within-category and across-category variations*. Paper presented at Cognitive Neuroscience Society Annual Meeting, New York, USA.
- (26) **Tsao, F. M.**, Hsu, W. C., & Liu, H. M. (2016, April). *Brain activations of lexical tone and emotional prosody perception in school-aged children with high-function autism*. Cognitive Neuroscience Society 2016 Annual Meeting, New York, USA.
- (27) Wu, M. C., Liao, Y. J., & **Chan, Y. C.** (2016, 26-30 June). *Identifying the neural substrates of the aggression-humor interaction: An fMRI study*. Poster presented at the 2016 Annual Meeting of the Organization for Human Brain Mapping (OHBM), Geneva, Switzerland.
- (28) Wu, Y. T, Chuang, B. Y., Peng, H. H., Chang, M. C, Wu, M.T. & **Chung, H.W.** (2016). Potential application of tissue phase mapping in early detection of heart function deficiency in Fabry disease with cardiac manifestation, in International Society of Magnetic Resonance in Medicine, 24th Annual Meeting, #797, Singapore.
- (29) **Yang, C. M.**, Hsiao, F. C., Tsai, P. J., Chen, L. C., Lee, W. K., Lu, L. H., Lane, T., Wu, C. W., & Lee, H. C. (2016, June). *The Neurophysiological Basis Of Consciousness Transition During Sleep Onset Period: A fMRI Study*. Poster presented at the 30<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies, Denver, Colorado, USA.
- (30) **Yeh, Y. C.\***, Hsu, W. C., Li, P. H., Lin, C. W., & Chan, Y. C. (2016 January 12 - 15). *Examining the changes of underlying neural substrates of creative thinking*

*through a time window*. Paper presented at the International Journal of Arts & Sciences' (IJAS) International Conference for Social Sciences and Humanities, Nanyang Technological University, Singapore.

- (31) Yu, A. Y., Brice, H., Frost, R., & **Wu, D. H.** (2016, April). *Sensitivity to regularity of combinatorial visual stimuli correlates with Chinese character recognition*. Poster presented in the 23rd Annual Meeting of the Cognitive Neuroscience Society, New York, USA.
- (32) 陳以非、詹雨臻、陳學志 (2016, 10 月)。 *Neural substrates of gender differences in hostile jokes*。第 55 屆台灣心理學會年會，臺灣台南：國立成功大學。
- (33) 詹雨臻、吳政萱、廖怡君、杜政昊、陳學志 (2016, 10 月)。 *Neural correlates of hostile jokes in humor appreciation*。第 55 屆台灣心理學會年會，臺灣台南：國立成功大學。

#### 2015 年 研討會論文(34 篇)

- (1) **Bei, L. T.**, Cheng, L. K., Chen, Y. S. A., Yang, W. H., & Hsu, W. C. (2015, Nov). *The Neuroscience Viewpoint on Comparing Elaboration Likelihood Model and Heuristic and Systematic Model*. Symposium for Integrated Imaging of Body, Mind and Culture & 2015 Forum of MOST Research Projects on Brain Imaging for Mind Science, Taipei, Taiwan.
- (2) **Chan, S.** & Chien, P. (2015, Nov). *Classifiers may affect how people perceive the world: An fMRI study on linguistic relativity*. Paper presented at the 8th Annual Meeting of the Linguistic Society of Taiwan, Taipei, Taiwan.
- (3) **Chan, Y. C.** (2015, June). *Identifying the neural substrates of the ambiguity-humor interaction: An fMRI study*. Poster presented at the Annual Meeting of the Organization for Human Brain Mapping (OHBM), Honolulu, Hawaii, June 14-18, 2015.
- (4) **Chan, Y. C.**, & Liao, Y. J. (2015, June). *Gender differences in the neural correlates of verbal jokes: An fMRI study*. Poster presented at the 2015 Annual Meeting of the Organization for Human Brain Mapping (OHBM), Honolulu, Hawaii, June 14-18, 2015.
- (5) Chang, T. T., Han, C. C., Lee, P. H., Lin, C. Y., Metcalfe, A. & **Yen, N. S.**\* (2015, June). *Neural correlates of complex multiplication problem solving*. Poster presented at the 21st Annual Meeting of Human Brain Mapping, Hawaii, Honolulu, U.S.A.

- (6) **Chen, H. C.** (2015, August). *Neuropsychological traits of student with and without Autistic syndrome on ToM and non-ToM humor*. Paper presented at The 3rd International Workshop on Advanced Learning Sciences (IWALS-3), Tokyo, Japan.
- (7) Chen, Y. H., Chen, Y. C., Kuo, W. J., Kan, K., **Yang, C. C.**, & Yen, N. S. (2015, Jan). *Stakes do matter for the proposing behavior in Ultimatum Games: An fMRI study*. 2015 annual meeting of the Taiwan Society of Cognitive Neuroscience, Taipei, Taiwan.
- (8) Fan, Y. T., **Hsung, R. M.**, Liu, H. L., Du, Y. R., Yang, T. T., Chen, S. H., Yen, N. S., & Wu, C. T. (2015, Oct.). *Political preferences modulate neural correlates of trusting decisions*. Poster presented at the 2015 annual meeting of the Society for Neuroscience, Chicago, IL, U.S.A.
- (9) **H. F. Y.**, Changwei W. Wu, Yi-Ping Chao, Huimin Bhikshu (2015, Nov). *Mapping the mindfulness brain of responding to emotional stimuli: from functional to structural brain images*. Symposium for Integrated Imaging of Body, Mind and Culture & 2015 Forum of MOST Research Projects on Brain Imaging for Mind Science, 國立台灣大學.
- (10) Ho, P. S., Lee, Y. C., Liu, H. L., Tseng, D. J., Chang, Y. J., Doole, R., Wu, C. T., Huang, H. W., & **Huang, C. M.** (2015, Oct). *Culture-related differences in the contextual processing of visual scene: An fMRI study*. Poster presented at the annual meeting of the Society for Neuroscience (SfN), Chicago, Illinois, USA.
- (11) Hsu, T.Y., Lin, S.H., & **Yeh, Y. Y.** (2015, Nov). *Neural correlates of contextualized visual attention*. Paper presented at Symposium for Integrated Imaging of Body, Mind and Culture & 2015 Forum of MOST Research Projects on Brain Imaging for Mind Science.
- (12) Leckey, M., **Lee, C. L.**, & Federmeier, K. D. (2015, Oct). *The role of familial sinistrality on hemispheric differences in syntactic processing across the lifespan*. Poster presented at the annual meeting of the Society for the Neurobiology of Language, Chicago, USA.
- (13) **Lee, I. C.** & Sun, Y. H. (2015, January). *Neural imaging evidence for intergroup bias and ambivalence towards PRC Chinese among Taiwanese residents*. Invited talk at the Research Center for Mind, Brain, & Learning, National Cheng-chi University at Taipei, Taiwan.

- (14) **Lee, I. C.** & Sun, Y. H. (2015, March). *Ambivalent versus uniform attitudes toward PRC Chinese: Neural imaging evidences induced by contextual cues*. Poster presented at the 22 nd Annual meeting of the Cognitive Neuroscience Society, San Francisco, United States.
- (15) **Lee, I. C.** & Sun, Y-H. (2015, July). *Neural imaging evidence for intergroup bias using indirect measures: Attitudes towards PRC Chinese among Taiwanese*. Paper presented at the Annual meeting of the International Society of Social Psychology, San Diego, United States.
- (16) **Lee, I. C.** (2015, April). *From social psychology to neuroscience: The investigation of intergroup relations*. Invited talk at the Department of Psychology, Kaohsiung Medical University at Kaohsiung, Taiwan.
- (17) Lee, Y. C., Ho, P. S., Liu, H. L., Shih, P. C., Huang, H. W., **Huang, C. M.**, & Wu, C. T. (2015, Oct). *Culture traits affect our perceptual processing to social cues*. Poster presented at the annual meeting of the Society for Neuroscience (SfN), Chicago, Illinois, USA.
- (18) Li, K. A., Zhou, J., **Lee, C. L.**, Tien Y. H., & Yeh, S. L. (2015, July 7-10). *Does temporal integration of semantic information occur under visual crowding?* Poster to be presented at the 19th annual meeting of the ASSC (Association for the Scientific Study of Consciousness), Paris, France.
- (19) Li, Y. W., **Liang, T. P.**, Yen, N. S. \*, Hsu, S. M., & Tsai, W. T. (2015, Sep.). *Neural correlates of the escalation of commitment: An fMRI study*. Poster presented at the 2015 annual meeting of the Society for Neuroeconomics, Miami, FL, U.S.A.
- (20) Lin, S. S. H., Li, M. Y. C., Yu, A. Y., Hung, Y. H., Lin, E. Y. C. & **Wu, D. H.** (2015, November). *A Fast fMRI Protocol to Identify Neural Networks Underlying Cognitive Functions*. Poster presented in the 56th Annual Meeting of the Psychonomic Society, Chicago, USA.
- (21) Lin, T. M, Chiu, S. C., Cheng, C. C., Wu, W. C. & **Chung, H.W.** (2015). *Quantitative evaluation of the effect of reduction of signal acquisition number in MR fingerprinting*, in International Society of Magnetic Resonance in Medicine, 23rd Annual Meeting, #3388, Toronto, Canada.
- (22) Tai, T. L., & **Goh, J. O. S.** (2015). *Default-network functional connectivity within individuals changes across tasks*, Organization for Human Brain Mapping, Honolulu, HI, America.



- (23) **Wu, D. H.**, Hung, Y. H., & Lin, Y. C. (2015, March). *Recognition and short-term memory of Chinese characters: Behavioral and neuroimaging evidence*, Paper presented at the International Convention of Psychological Science in Amsterdam, The Netherlands.
- (24) **Yeh, Y. C.**, Hsu, W. C., Lin, C. W., Li, P. H. (2015, June). *The influence of expertise on aesthetic emotion: A neuroaesthetic approach*. Paper presented at the International Conference on Technology, Science, Social Sciences and Humanities-ICTeSSH, June 5, New York City, New York, USA.
- (25) **Yeh, Y. C.**, Hsu, W. C., Lin, C. W., Li, P. H. (2015, Oct). *The neural substrates underlying the influences of life experience on aesthetic judgments*. 發表於「第54屆台灣心理學會年會暨學習、教學、與評量國際研討會」之論文，10月17日-18日，台灣師範大學，台北。
- (26) **Yeh, Y. C.**, Li, P. H., Lin, C. W., Hsu, W. C. (2015, Oct). *A neuroaesthetic approach for exploring gender differences in aesthetic judgments*. 發表於「第54屆台灣心理學會年會暨學習、教學、與評量國際研討會」之論文，10月17日-18日，台灣師範大學，台北。
- (27) **Yeh, Y. C.**, Lin, C. W., Hsu, W. H., Kuo, W. J., & Chan, Y. C. (2015, May). *The Neural Substrates of Aesthetic Judgment and Aesthetic Emotion during the Appreciation of Everyday Designed products*. Paper presented at the International Journal of Arts & Sciences' (IJAS) International Conference for Social Sciences and Humanities, Harvard Medical School, Boston, Massachusetts, USA.
- (28) Zhigalov, A. Y., Suen, S., Lee, J. D., Chen, A. S. H., Cheng, P. E., & **Liou, M.** (2015, July). *Intraclass Correlations for Assessing Reliability in Presence of Within- and Between-Subject Variability in fMRI BOLD Responses*. Paper presented at the Invited Paper Session on Neurostatistics, 60th World Statistics Congress – ISI2015, Rio de Janeiro, Brazil.
- (29) **詹雨臻** (2015, 1月)。笑話中的歧義與好笑成分之交互作用的腦神經機制：以fMRI為工具。陳學志(主持人)，大腦與語言。2015臺灣認知神經科學學會，臺灣台北：臺灣師範大學。
- (30) **詹雨臻** (2015, 5月)。笑話中歧義與推論歷程的認知與情感成分。陳學志(主持人)，幽默在教育與工商業的應用。第一屆華人應用心理國際研討會，臺灣台北：輔仁大學。

- (31) 詹雨臻、廖怡君、陳學志、杜政昊。(2015, 10月) 良善與惡意幽默動機之腦神經機制：fMRI 研究。第 54 屆台灣心理學會年會，臺灣台北：臺灣師範大學。
- (32) 劉惠美、蔡明憲、許維欽 (2015, 10月): Brain activations of categorical perception of lexical tones in Mandarin-speaking adults。發表於第 54 屆台灣心理學會年會暨學習、教學、與評量國際研討會「專題研討：語言與大腦的神經機制」，台北：國立臺灣師範大學。
- (33) 戴汝卉、陳學志、詹雨臻、卓淑玲、宋曜廷、張國恩。(2015, 1月)。冷笑話真的很冷嗎？以 fMRI 探討失諧解困笑話及部份解困之無厘頭笑話的腦神經機制差異。臺灣認知神經科學學會年會暨研討會，臺北，臺灣。
- (34) 釋惠敏(2015, Nov). *The impact of Mindfulness meditation on adult's emotion regulation: A pilot exploration of fMRI study on physical and online MBBC course*。科技部心智科學腦影像研究成果發表會，臺灣大學「身體、心靈與文化整合影像研究中心」主辦，臺灣大學永齡生醫工程館。

#### 2014 年 研討會論文(28 篇)

- (1) Bulut, T., Hung, Y. H., & Wu, D. H. (2014, June). *fMRI Investigation of Neural Correlates of Processing Sentences and Compound Words in Chinese*, Proceedings of the 20th Annual Meeting of the Organization for Human Brain Mapping in Hamburg, Germany.
- (2) Chan, Y. C. (2014, July). *The Interaction between Semantic Processing and Humor*. Poster presented at the Cognitive Science Society, Quebec City, Canada, July 23-26.
- (3) Chang, C. F., Lai, C., L., & Juan, C. H. (2014, June). *Attentional Inhibition and Contingent Attentional Capture*. The Organization for Human Brain Mapping (OHBM) 2014 Annual Meeting, Hamburg, Germany.
- (4) Chang, W. H., Yen, M. H., Chen, S. F., Lee, J. R., Kuo, C. C., & Tsai, C. W. (2014, Mar). *Autistic Moral Judgment about Socio-Scientific Issues - An fMRI Study*. International Symposium on Autism Spectrum Disorders Theme: School Intervention and Talent Development of Students with ASD, Taipei, Taiwan.
- (5) Chen, Y. H., Chen, Y. C., Kuo, W. J., Kan, K. H., Yang, C. C., & Yen, N. S. (2014, Sep). *Do stake sizes matter in the Ultimatum Game? An fMRI study*. Paper presented at the 2014 annual meeting of the Society for Neuroeconomics, Miami, FL, USA.

- (6) Chikara, R. K., Perumal, R., Chen, H., **Ko, L. W.\*** (2014, Dec. 09-12) “*EEG dynamics in inhibition of left-hand and right-hand responses during auditory stop-signal task*”, Computational Intelligence, Cognitive Algorithms, Mind, and Brain (CCMB), IEEE Symposium on, IEEE, pp. 115-120, Orlando, USA.
- (7) Chu, Y. H., Hsu, Y. C., **Tsai, S. Y.**, & Lin, F. H. (2014, May). *A Field Probe Transceiver System with Controllable RF Coupling and Decoupling*, Proceedings of International Society for Magnetic Resonance in Medicine, Milan, Italy.
- (8) **H. F. Y.** (2014, Apr). *A comparative study of fMRI and self-report measurement of the effects of Mindfulness-Based Stress Reduction (MBSR)*. The Mindfulness and Neuroscience Conference, the Bangor University, UK.
- (9) Huang, C. H., Wang, W. C., Lin, Y. R., & **Tsai, S. Y.** (2014, May). *The reproducibility of diffusion tensor imaging on brain connectivity measures between cortical regions using probabilistic tractography*, Paper presented at the International Society for Magnetic Resonance in Medicine, Milan, Italy.
- (10) Hung, Y. H., **Wu, D. H.**, Lai, M., Tzeng, O. J. L., Daisy L. & Hung, D. L. Stanislas Dehaene, Christophe Pallier. (2014, April). *Neural correlates of merging number words in Chinese and French speakers*, Proceedings of the 21th Cognitive Neuroscience Society Annual Meeting in Boston, USA.
- (11) **Kuo, C. C.**, Lee, J. R., Tsai, S. Y., & Hsieh, C. E. (2014, September). *Differences in brain activity during the visuospatial working memory task: An fMRI study in mathematically and scientifically talented students with and without high IQ*. Paper presented at 14th International ECHA Conference, Ljubljana, Slovenia.
- (12) Lai, J. C. W., Cheng, C. C. & **Chung, H. W.** (2014, May). *Susceptibility-weighted imaging using unbalanced steady-state free precession gradient-echo imaging with multiple echoes*, Paper presented at the International Society of Magnetic Resonance in Medicine, 22nd Annual Meeting, #1785, Milan, Italy.
- (13) Li, Y. W., **Liang, T. P.**, Yen, N. S., & Hsu, S. M. (2014, June). *Neuro correlates of website closeness: An fMRI study*. Poster presented at the 4th Annual Interdisciplinary Symposium on Decision Neuroscience, San Francisco, CA, U.S.A.

- (14) **Liang, T. P.**, Li, Y.W., Yen, N. S., Hsu, S. M., Tsai, W. T. (2014, Dec). *Neuro Correlates of the Escalation of Commitment: An fMRI Study*. Workshop on Information and Neural Decision Sciences, Taipei, Taiwan.
- (15) Lu M. S., Hsu, T. Y., Tseng, P., Lai, C. L., & **Juan, C. H.** (2014, June). *The Pre-supplementary Motor Area and Right Inferior Frontal Gyrus in Response Inhibition*. The Organization for Human Brain Mapping (OHBM) 2014 Annual Meeting, Hamburg, Germany.
- (16) Luo, R. S., Lee, C. Y., Hsu, K. Y., Hung, J., Liu, H. L., Tsai, C. G., Chiu, M. C., Chen, J. H., Yao, K. G., Chao, Y. P., & **Yu, J. F.** (2014, Oct.). *The Correlations Between Chinese Personality Traits and Cortical Activation*, Tainan, Taiwan.
- (17) Michelle Liou, Summit Shuen & Yi-Li Tseng (2014, 8-12 June). *Surrogate data thresholding approaches in fMRI time series analysis*. A poster presented at the OHBM meeting, Hamburg, Germany
- (18) Su, Y. S., Tai, T. L., & **Goh, J. O. S.** (2014, November). *Age-Related Striatal Dedifferentiation and Frontal Overactivation During Choice Value Processing*, Society for Neuroscience, Washington, D.C., America.
- (19) Suen, S., Matsuo, K., **Liou, M.** (2014, Sept.). *Beyond Response Amplitude – Within- and Between-Subject Reliability in fMRI BOLD Responses*. A paper presented at the 37th Annual Meeting of the Japan Neuroscience Society, Yokohama, Japan.
- (20) Summit Suen, Kayako Matsuo, Michelle Liou (2014, 10-14 Sept). *Beyond Response Amplitude – Within- and Between-Subject Reliability in fMRI BOLD Responses*. A paper presented at the 37th Annual Meeting of the Japan Neuroscience Society, Yokohama, Japan.
- (21) Talat Bulut, Yi-hui Hung, **Denise H. Wu.** (2014, January). *Sentence processing and compounding in Chinese: A naming experiment*, Proceedings of Taiwan Society of Cognitive Neuroscience-2014 Annual Meeting in Zhongli, Taiwan.
- (22) Wu, T. Y., Fang, C. H., Lin, Y. R. & **Tsai, S. Y.** (2014, May). *Investigating the reproducibility on the quantification of  $\gamma$ -aminobutyric acid (GABA) in visual cortex*, Paper presented at the International Society for Magnetic Resonance in Medicine, Milan, Italy.
- (23) Yang, S. Y., Liang, C. W., Huang, H. H., **Tsai, S. Y.**, & Huang, T. Y. (2014, May). *Noncontact physiological measurements using video recording inside an*

*MRI scanner*, Proceedings of International Society for Magnetic Resonance in Medicine, Milan, Italy.

- (24) Yu, J. X., Tseng, P., Wu, S. W., and **Juan, C. H.** (2014, June). *Cognitive Control: tDCS Induced Enhancements and Its Neural Correlates*. The Organization for Human Brain Mapping (OHBM) 2014 Annual Meeting, Hamburg, Germany.
- (25) Yuan, S. Y., Tu, Y. Z., Wang, P. Y., & **Goh, J. O. S.** (2014, November). *Dietary macronutrient composition is differentially associated with gray matter volumes of cortical and limbic regions in young and older adults*, Society for Neuroscience, Washington, D.C., America.
- (26) **陳學志**、吳清麟、詹雨臻、卓淑玲、施貞伊。(2014, 11月)。亞斯伯格症者閱讀心智理論與非心智理論笑話之腦神經機制。臺灣心理學會第五十三屆年會，臺北，臺灣。
- (27) **詹雨臻**、廖怡君、陳學志。(2014, 11月)。性別差異在不同笑話類型的腦神經機制：fMRI 研究。詹雨臻（主持人），幽默的腦神經機制專題座談。第 53 屆台灣心理學會年會，台灣台北：臺灣大學。
- (28) **詹雨臻**。(2014, 11月)。不同邏輯機制的幽默技巧之腦神經機制：fMRI 研究。詹雨臻（主持人），幽默的腦神經機制專題座談。第 53 屆台灣心理學會年會，台灣台北：臺灣大學。

#### 2013 年 研討會論文(11 篇)

- (1) Chang, Y. T., Yu, J., Tseng, P., Tzeng, O. J., Hung, D. L., Muggleton, N. G. & **Juan, C. H.** (2013 Nov). *Male finger ratio reveals susceptibility to impulsivity modulation by erotic images*. Society for Neuroscience 2013 Annual Meeting, San Diego, USA.
- (2) Chen, J. T., Su, Y. S., Tereshchenko, A., Resnick, S. M., Tseng, W. Y., **Goh, J. O. S.** (2013). *White matter correlates of decision-making biases in older adults*. [481.19/KKK27]. Presented at the Society for Neuroscience Annual Meeting, San Diego, CA.
- (3) Chu, Y. H, Tsai, S. Y., Hsu, Y. C., Kuo, W. J., & **Lin, F. H.** (2013, Apr). *Suppressing multi-channel diffusion tensor imaging noise using the data consistency constraint*, Proceedings of International Society for Magnetic Resonance in Medicine, Salt Lake City, USA.

- (4) **Ko, L. W.\***, Chikara, R. K., and Liu, Y. T., (2013, Nov. 6-8)“*Brain activities changes in typical and realistic scenario-compatible stop-signal inhibitory tasks and classification performance,*” 6th International IEEE/EMBS Conference, IEEE, pp. 501-504, San Diego, USA.
- (5) **Liang, T. P.**, Li, Y. W., Kang, T. C., Yen, N. S., & Hsu, S. M. (2013, Sep). *Effects of avatar and personalization on perceived website closeness and purchase intention: An fMRI study.* Poster presented at the 2013 Consumer Neuroscience Satellite Symposium, Lausanne, Switzerland.
- (6) Lin, C. Y., Northoff, G., Lane, T. & **Yen, N. S.** (2013, Sep). *The neural correlates of hindsight bias in political election and general knowledge events.* Poster presented at the 2013 annual meeting of the Society for Neuroeconomics, Lausanne, Switzerland.
- (7) Lin, W. H. & **Wu, S. W.** (2013, Nov). *Absolute or relative? Neural coding of reward probability in the ventromedial prefrontal cortex.* Society for Neuroscience 43rd Annual Meeting.
- (8) Su, Y. S., Tereshchenko, A., Elkins, W., Resnick, S. M., **Goh, J. O. S.** (2013). *Fronto-striatal activity underlies heterogeneous older adult value-based decisions.* [89.18/GGG3]. Presented at the Society for Neuroscience Annual Meeting, San Diego, CA.
- (9) Tang, Y. J., Tereshchenko, A., Elkins, W., Resnick, S. M., **Goh, J. O. S.** (2013). *Older adults with distinct decision styles show differential neural feedback processing.* [Poster Session 1, No. 45]. Presented at the Society for Neuroeconomics, Lausanne, Switzerland.
- (10) 方俊皓、林益如、**蔡尚岳**。(2013, 11月)。探討磁共振頻譜之頻率位移在對  $\gamma$ -氨基丁酸量化的影響 *Investigating the influence of frequency shift on the quantification of GABA signal using mega press magnetic resonance spectroscopy*, 醫學工程年會暨研討會 (Annual Symposium of Biomedical Engineering Society, Taiwan), 新竹, 臺灣。
- (11) 吳再猷、林益如、**蔡尚岳**。(2013, 11月)。探討利用 LCModel 量化大腦視覺區  $\gamma$ -氨基丁酸濃度的可行性 *Investigating the feasibility on the quantification of  $\gamma$ -aminobutyric acid (GABA) in visual cortex using LCModel*, 醫學工程年會暨研討會 (Annual Symposium of Biomedical Engineering Society, Taiwan), 新竹, 臺灣。

2012 年 研討會論文(3 篇)

- (1) **Liang, T. P.**, Yen, N. S., Hsieh, R. H., Li, Y. W., & Kang, T. C. (2012, Sep). *Effects of color and avatar on perceived webpage closeness: An exploratory fMRI study*. Poster presented at the 2012 annual meeting of the Society for Neuroeconomics, Miami, FL, U.S.A.
- (2) **張卿卿**。(2012, 12 月)。“從認知神經科學看廣告的評價制約效果” *Evaluative Conditioning of Advertising: Evidence from neuroscience*。創新研究國際學術研討會口頭發表。國立政治大學，台北。
- (3) 郭文瑞、**張卿卿**。(2012, 12 月)。“從倉頡到達文西—文字、美感與心腦”。創新研究國際學術研討會口頭發表。國立政治大學，台北。