

| 編號 No. | 投稿學會 Society | 研究領域 Topic | 題目 Title | 投稿者 Name | 作者 Co-Author | 作者 (Co-Author) | 單位 (Affiliation) | 關鍵字 (Keywords) |
|----------------|--------------|------------|---|---------------------------|---|---|---|--|
| 20200709000920 | 台灣基礎神經科學學會 | 工程 | High-Speed Lightsheet for brain imaging | Prof. 朱麗安 | 朱麗安, 張煒堃, 田雪皎, 劉彥廷, 曹杰, 馮冠霖, 呂杰翰, 陳璧彰, 汪安世 | Li-An Chu1, 2, *, Wei-Kun Chang2, Xuejiao Tian2, Yen-Ting Liu3, Chien Tsao3, Kuan-Lin Feng2, 4, Chieh-Han Lu5, Bi-Chang Chen2, 3, *, Ann-Shyn Chiang2, 4, 6, 7, * | 1 Department of Biomedical Engineering and Environmental Science, National Tsing Hua University, Hsinchu, Taiwan 2 Brain Research Center, National Tsing Hua University, Hsinchu, Taiwan 3 Research Center for Applied Sciences, Academia Sinica, Taipei, Taiwan 4 Institute of Systems Neuroscience, National Tsing Hua University, Hsinchu, Taiwan 5 Department of Genetics and Complex Diseases, Harvard T H Chan School of Public Health, Boston, MA, USA 6 Institute of Molecular and Genomic Medicine, National Health Research Institutes, Zhunan, Miaoli, Taiwan 7 Kavli Institute for Brain and Mind, University of California at San Diego, UC San Diego, La Jolla, CA, USA | lightsheet microscopy, Drosophila, Microimaging |
| 20200810214023 | 台灣計算神經科學學會 | 基礎 | Connectivity preference and varying degree of randomness within the olfactory network in the Drosophila mushroom body | Ms. Li-Shan Cheng | 鄭力珊 1,2, 簡嘉瑩 3, 強敬哲 3, 朱麗安 4,5, 羅中衷 3,4, 江安世 3,4,6,7,8 和 李定國 1,2,4,8* | Li-shan Cheng 1,2, Chia-Hsuan Chien 3, Ching-Che Chang 3, Li-An Chu 4,5, Chung-Chan Lo 3,4, Ann-Shyn Chiang 3,4,6,7,8 and Ting-Kuo Lee 1,2,4,8* | 1Department of Physics, National Sun Yat-sen University, Taiwan, ROC 2Department of Physics, National Tsing Hua University, Hsinchu, Taiwan 3Institute of Systems Neuroscience, National Tsing Hua University, Hsinchu, Taiwan, ROC 4Brain Research Center, National Tsing Hua University, Hsinchu 30013, Taiwan, ROC 5Department of Biomedical Engineering and Environmental Sciences, National Tsing Hua University, Hsinchu, Taiwan, ROC 6Institute of Molecular and Genomic Medicine, National Health Research Institutes, Miaoli, Taiwan, ROC 7Kavli Institute for Brain and Mind, UCSD, California, USA 8Institute of Physics, Academia Sinica, Taipei, Taiwan, ROC | Olfactory sensation, Drosophila, Connectomics, Mushroom body |
| 20200710123159 | 台灣基礎神經科學學會 | 基礎 | Towards Deciphering interneurons in olfactory information coding | Prof. Ya-Hui Chou | 蔡國鼎, 楊己任, 劉南甫, 張穎馨, 謝折個, 沈軒維, 黃皓偉, Michael Panganiban 周維彥 | Kuo-Ting Tsai, Chi-Jen Yang, Nan-Fu Liou, Hao-Hsin Chang, Hsin-Ti Hsieh, Hsuan-Wei Shen, Hao-Wei Huang, Michael Panganiban, Ya-Hui Chou* | Institute of Cellular and Organismic Biology, Academia Sinica | Olfaction, Interneuron, Behavior, Neural circuit, Drosophila |
| 20200730113521 | 無 | 工程 | Recurrent Mutual Inhibition Generates Diverse Flexible Operational Modes in Neural Networks | Mr. Alexander James White | 劉沛強, 羅中泉 | Pei-Hsein Belle Liu, Dr. Chung Chuan Lo | National Tsing Hua University, Institute of Systems Neuroscience | Recurrent Networks, Inhibition, Computational Model, Flexibility |
| 20200808135359 | 中華民國生物醫學工程學會 | 基礎 | Define the sensitivity of mouse neuron and hippocampal tissue upon ultrasound stimulation | Ms. Hsiao-Hsin Tai | 戴小芯 王兆麟 | Hsiao-Hsin Tai and Jaw-Lin Wang | Department of Biomedical Engineering, National Taiwan University, Taipei, Taiwan | Ultrasound, Neuron sensitivity, p-ERK |
| 20200809102732 | 台灣計算神經科學學會 | 工程 | Covariance Representation Analysis (CRA): An Automatic Tool for Quality Assessment of Large-Scale EEG/MEG Data | Ms. Min-Jiun Tsai | | Min-Chun Tsai, Hsin-Yuan Chang, Ya-Lin Huang, Hsi-Yang Hung, Intan Low, Chun-Chih Huang, Chuan-Yu Yu, Tung-Ping Su, Jen-Chuen Hsieh, Li-Fen Chen, Chun-Shu | Institute of Mathematical Modeling and Scientific Computing, National Chiao Tung University | Covariance, t-distributed stochastic neighbor representation, Machine Learning |
| 20200802184516 | 台灣認知神經科學學會 | 認知 | Neurophysiological Correlates of Semantic Anomalies Detection and Their Relationship with Statistical Learning in Foreign Language Learners | Mr. Andhika Renaldi | 林晏佑, 方云柔, 吳嫻 | Zi-You Lin, Yun-Jou Fang, Denise Hsien Wu | Taiwan International Graduate Program in Interdisciplinary Neuroscience, National Central University and Academia Sinica, Taipei, Taiwan Institute of Cognitive Neuroscience, National Central University, Zhongli, Taiwan | semantic anomalies detection, statistical learning, foreign language learning, . |
| 20200730127207 | 台灣認知神經科學學會 | 認知 | Intersubject representational similarity analysis uncovers individual variations in experiencing effortful self-control | Ms. Chih-Yin Esther Lu | 呂至穎, 楊子柔, 陳品豪 | Chih-Yin Esther Lu, Tzu-Jou Avery Yang, Pin-Hao Andy Chen | Department of Psychology, National Taiwan University | fMRI, Self-control, Ego-depletion, IS-RSA, Decoding experience |
| 20200730151830 | 台灣基礎神經科學學會 | 認知 | Age-related differences in young and older adult neural engagement during belief | Mr. Yu-Shiang Su | 蘇煜翔, 吳恩賜 | Yu-Shiang Su, Joshua Goh | National Taiwan University | Cognitive neuroscience, fMRI, aging, decision-making, belief |
| 20200810233703 | 台灣認知神經科學學會 | 認知 | Profiling the Sequence Learning in Speech and Manual Responses via Distributional | Prof. Erik Chihung Chang | 張智宏 | Erik Chang | Institute of Cognitive Neuroscience, National Central University, Taiwan | sequence learning, reaction time, statistical learning, distribution fitting |
| 20200731122213 | 台灣基礎神經科學學會 | 基礎 | Disorders of Consciousness: Towards A Methodology for Integrative Diagnosis | Dr. Paola Di Maio | | Paola Di Maio | Center for Systems, Knowledge Representation and Neuroscience, Taiwan | disorder of consciousness, biomarkers, methodology, neuroscience, integrated |
| 20200728172737 | 台灣基礎神經科學學會 | 基礎 | Identifying hypothalamic SF-1 neurons as a functional neural component mediating exploratory social behaviors | Mr. 林士哲 | 林士哲, 陳一誠, 楊世斌 | Shih-Che Lin, Yi-Chen Cheng, Shi-Bing Yang | Institute of Biomedical Sciences, Academia Sinica, Taipei, Taiwan Department of Life science, College of Life science, National Taiwan University, Taipei, Taiwan | Exploratory behaviors, Steroidogenic factor 1, Fiber photometry, Circuits mapping, In vivo Calcium imaging |
| 20200810151109 | 台灣基礎神經科學學會 | 基礎 | Functional mapping of the VMH SF1 neurons in adult mice | Mr. 陳一誠 | 陳一誠1, 林士哲2, 楊世斌1 | Yi-Cheng Chen1, Shih-Che Lin2, and Shih-Bin Yang1 | 1. Institute of Biomedical Sciences, Academia Sinica 2. Department of Life Science, National Taiwan University, Taipei, Taiwan | Steroidogenic factor 1, Ventromedial hypothalamus, Fiber photometry, Retrograde tracing, olfactory sensory |
| 20200730105756 | 台灣基礎神經科學學會 | 基礎 | In vivo longitudinal recording of cerebellar calcium imaging signals on awake-behavior mice | Dr. Jye-Chang Lee | 李志昌, 盧亮昕, 陳衣凡, 潘明楷 | Jye-Chang Lee*, Liang-Yin Lu, Yi-Fan Chen, Ming-Kai Pan | Department and Graduate Institute of Pharmacology, National Taiwan University, Taipei, Taiwan | Calcium imaging, movement coordination, Cerebellum, P |

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| 20200810235928 | 台灣基礎神經科學學會 | 基礎 | A pathway from the parabrachial nucleus to the VTA negatively regulates feeding | Ms. Chia-Ying Chiang | | Chia-Ying Chiang ¹ , Jen-Hui Tsou ³ , Shih-Ying Ni ² , and Hau-Jie Yau ¹ | 1 Taiwan Graduate Institute of Brain and Mind Sciences (GIBMS), National Taiwan University, Taipei, Taiwan. 2 National Taiwan University School of Medicine, Taipei, Taiwan. 3 Synaptic Plasticity Section, Intramural Research Program, National Institute on Drug Abuse (NIDA), National Institutes of Health (NIH), Baltimore, MD, USA. | feeding,negative emotions,optogenetics,ventral tegmental area,parabrachial nucleus |
| 20200731130451 | 無 | 基礎 | Develop a novel strategy for optogenetic control of synaptic transmission | Ms. Yung-Wen Chen | 陳永文·林宛蓁 | Yung-Wen Chen and Wan-Chen Lin | Institute of Biomedical Sciences, Academia Sinica, Taipei, Taiwan | optogenetics,neurotransmission,synapse, |
| 20200716105159 | 台灣疼痛醫學會 | 臨床 | Application of stem cell exosomes in neuropathic pain model | Dr. Raju Poongodi | | Raju Poongodi, ¹ Pavani Pannuru, ¹ Yi-Wei Hung, ¹ Tsuei-Yu Chu, ¹ Kuender D. Yang, ² 3 Hsin-Yi Lin, ⁴ 5 Jen-Kun Cheng ^{1,6,7,*} | 1 Department of Medical Research, Mackay Memorial Hospital, Taipei, Taiwan. 2 Institute of Biomedical Science, Mackay Medical College, New Taipei City, Taiwan. 3 Department of Paediatrics, Mackay Memorial Hospital, Taipei, Taiwan. 4 Department of Chemical Engineering and Biotechnology, National Taipei University of Technology, Taipei, Taiwan. 5 Graduate Institute of Biochemical and Biomedical Engineering, National Taipei University of Technology, Taipei, Taiwan. 6 Department of Medicine, Mackay Medical College, New Taipei City, Taiwan. 7 Department of Anaesthesiology, Mackay Memorial Hospital, Taipei, Taiwan. | Exosome,Intrathecal,Mesenchymal stem cell,Scaffold,Neuropathic pain |