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(Affliation)	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, 劉彦廷, 曹杰, 馮冠霖, 呂杰翰, 陳壁彰, 江安世	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,Mice,Bioimaging
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, 簡嘉萱 3, 強敬哲 3, 朱麗安 4,5, 羅中泉 3,4, 江安世 3,4,6,7,8 and 李定國 1,2,4,8*	Li-shan Cheng 1,2, Chia-Hsuan Chien 3, Ching-Che Charng 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、張顥馨、謝忻倜、沈軒維、黃皓偉、Michael Panganiban、周雅惠	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 Circuits	Mr. Alexander James White	劉沛弦，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 Wei	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	林姿佑, 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,,
20200730172707	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 updating	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 updating
20200810233703	台灣認知神經科學學會	認知	Profiling the Sequence Learning in Speech and Manual Responses via Distributional Analyses	Prof. Erik Chihhung 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- behaving mice	Dr.Jye-Chang Lee	李志昌，盧亮听，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,Purkinje neuron,microdomains
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 Chiang1, Jen-Hui Tsou3, Shih-Ying Ni2, and Hau-Jie Yau1	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,