	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)	poster number
20200724234558	台灣基礎神經科學學會	基礎	Interrogation of neural circuits in chronic nitroglycerin-induced mechanical hyperalgesia	Dr. Tse-Ming Chou		Shih-Pin Chen, Cheng-Chang Lien, Shuu-Jiun Wang	Interdisciplinary Neuroscience Program, Taiwan International Graduate Program, Academia Sinica	chronic migraine,nitroglycerin,PKC-δ	1
20200721152808	台灣基礎神經科學學會	認知	Central mechanisms of pain habituation	Ms. 林宜萱		Yi-Hsuan Lin and Ming-Tsung Tseng	Taiwan International Graduate Program in Interdisciplinary Neuroscience, National Taiwan University and Academia Sinica, Taipei, Taiwan. Graduate Institute of Brain and Mind Sciences, National Taiwan University College of Medicine, Taipei, Taiwan.	Pain habituation,Ventral tegmental area,Anterior insula,fMRI	2
20200726200503	台灣基礎神經科學學會	基礎	An unexpected role of proprioceptors in the development of chronic muscle pain.	Dr. 李政翰	李政翰，陳志成	Cheng-Han Lee, Chih-Cheng Chen	Institute of Biomedical Sciences, Academia Sinica, Taipei, Taiwan	proprioceptor,chronic muscle pain,glutamate signaling,CTZ-LMO3,Acid-sensing ion channel type 3	3
20200722175727	台灣基礎神經科學學會	基礎	PNS to CNS: Acid Sensing Ion Channel (ASIC) Mediated Proprioception and its Effects on Cognitive Behavior	Mr. Robert Midence	康恩宇，李政翰，陳志成	Robert Midence, Cheng-Han Lee, Chih-Cheng Chen	Taiwan International Graduate Program - Interdisciplinary Neuroscience	Acid-Sensing Ion Channels,Proprioception,Mechanotransduction,Behavior,Peripheral Nervous System	4
20200727163632	台灣基礎神經科學學會	基礎	Dissection of the Neural Circuits Regulating Nociception in Drosophila	Mr. Chi-Lien Yang	楊其璉、彭筱茜、陳嘉雯、溫永銳、江安世	Chi-Lien Yang, Hsiao-Chien Peng, Chia-Wen Chen, Yeong-Ray Wen, Ann-Shyn Chiang	1 Institute of Biotechnology, National Tsing Hua University, Hsinchu, Taiwan 2 Institute of Systems Neuroscience, National Tsing Hua University, Hsinchu, Taiwan 3 Department of Anesthesiology, Asia University Hospital 4 Department of Anesthesiology, School of Medicine, China Medical University 5 Pain Center, Dept Anesthesiology, China Medical University Hospital 6 Brain Research Center, National Tsing Hua University, Hsinchu, Taiwan 7 Genomics Research Center, Academia Sinica, Nankang, Taipei, Taiwan 8 Kavli Institute for Brain and Mind, University of California, San Diego, La Jolla, USA	nociception,neural circuits,behavioral assay	5
20200730123034	台灣基礎神經科學學會	基礎	Neural mechanisms controlling the wiring of extrinsic neurons in Drosophila mushroom body	Dr. Suewei Lin		Chen-Han Lin, Bhagyashree Senapati, Wen-Jie Chen, Sonia Bansal, and Suewei Lin	Institute of Molecular Biology, Academia Sinica, Taipei, Taiwan	Neural Development,Neural Circuits,Drosophila,Mushroom body,Semaphorin 1a	6
20200810112649	台灣基礎神經科學學會	基礎	Combinatorial Coded Cell Surface Receptors Control Proper Dendritic Targeting of Olfactory Projection Neurons in the Antennal Lobe	Dr. Hung-Hsiang Yu		Kai-Yuan Ku, Hung-Chang Shen and Hung –Hsiang Yu	Institute of Cellular and Organismic Biology, Academia Sinica, Taipei, Taiwan	Dendritic targeting,Olfactory projection neuron,Cell surface receptor,Antennal lobe	7
20200805152738	台灣基礎神經科學學會	基礎	Muscle contraction acutely modulates activity-dependent synaptic growth of NMJs through the Dystroglycan-Laminin axis	Mr. Chun Yen Yeh	葉俊言 簡正鼎	Chun-Yen Yeh Cheng-Ting Chien	Institute of Molecular Biology, Academia Sinica TIGP Program of Academia Sinica, Interdisciplinary Neuroscience Institute of Clinical Medicine, National Cheng Kung University	Neuromuscular junction,Synaptic plasticity,Laminin	8
20200730165843	台灣基礎神經科學學會	基礎	Studying the Localization of Cep170 and its Relationship with Human Brain Developmental Abnormality	Ms. Peng-Tzu Chen		Peng-Tzu Chen (1,2), Meng-Han Tsai (3,4), Angela Goh (1), Han-Chiang Huang (1), Eric Hwang (1,2,5,6*)	1Department of Biological Science and Technology, National Chiao Tung University, Hsinchu, Taiwan 2 Institute of Molecular Medicine and Bioengineering, National Chiao Tung University, Hsinchu, Taiwan 3 Department of Neurology, Kaohsiung Chang Gung Memorial Hospital, Kaohsiung, Taiwan 4 School of Medicine, Chang Gung University, Taoyuan, Taiwan 5 Institute of Bioinformatics and Systems Biology, National Chiao Tung University, Hsinchu, Taiwan 6 Center for Intelligent Drug Systems and Smart Bio-devices (IDS2B), National Chiao Tung University, Hsinchu, Taiwan	Neuronal morphogenesis,Neurite outgrowth,Centriole,Neurodevelopmental disorders,	9
20200810141419	台灣基礎神經科學學會	基礎	Glutamate receptor function in cognition and neurodevelopmental disorders	Prof. Shu-Ling Chiu	黃鈺閔 蕭馥芸 丘淑鈴	Yu-Min Huang, Fu-Yun Hsiao and Shu-Ling Chiu	Institute of Cellular and Organismic Biology, Academia Sinica, Taipei 115, Taiwan	synaptic plasticity,learning and memory,AMPA receptors,intellectual disability,ASD	10

20200805152130	台灣基礎神經科學學會	基礎	The role of striatal Slitrk1 in mouse stereotypic behaviors: involvement of cholinergic and dopaminergic systems	Ms. 張蔓欣	張蔓欣、杜戎珏、邱麗珠	Man-Hsin Chang, Jung-Chieh Du, Lih-Chu Chiou	Graduate Institute of Pharmacology; Graduate Institute of Brain and Mind Sciences, College of Medicine, National Taiwan University. Department of Pediatrics, Taipei City Hospital, Zhongxiao Branch	Slitrk1,stereotypic behavior,Tourette syndrome,striatum,microdialysis	11
20200810191544	台灣基礎神經科學學會	基礎	Usp11 controls cortical neurogenesis and neuronal migration through Sox11 stabilization	Mr. Shang Yin Chiang		Shang-Yin Chiang1, 2, Hsin-Chieh Wu1, Shu-Yu Lin1, Hsin-Yi Chen3, Chia-Fang Wang4, Nai-Hsing Yeh5, Jou-Ho Shih5, Yi-Shuian Huang5, Hung-Chih Kuo4, Shen-Ju Chou4*, and Ruey-Hwa Chen1, 2, 6*	1Institute of Biological Chemistry, Academia Sinica, Taipei, Taiwan. 2Institute of Biochemical Sciences, College of Life Science, National Taiwan University, Taipei, Taiwan. 3Graduate Institute of Cancer Biology and Drug Discovery, College of Medical Science and Technology, Taipei Medical University, Taipei, Taiwan. 4Institute of Cellular and Organismic Biology, Academia Sinica, Taipei, Taiwan. 5Insititute of Biomedical Sciences, Academia Sinica, Taipei 115, Taiwan	Usp11,Sox11,cortical neurogenesis,neurodevelopmental disorder,ubiquitination	12
20200810095709	台灣基礎神經科學學會	基礎	Synergistic efficacy of clonazepam and cannabidiol in a conditional mouse model of Dravet syndrome	Dr. 莊淑惠	莊淑惠1, 3, Ruth E. Westenbroek1, Nephi Stella1, 2, William A. Catterall1*	Shu-Hui Chuang1, 3, Ruth E. Westenbroek1, Nephi Stella1, 2, William A. Catterall1*	1 Department of Pharmacology, University of Washington, Seattle, Washington, USA 2 Department of Psychiatry and Behavioral Sciences, University of Washington, Seattle, Washington, USA 3 Graduate Institute of Brain and Mind Sciences, College of Medicine, National Taiwan University, Taipei, TAIWAN	Dravet syndrome,Nav1.1,Scnla,cannabidiol,benzodiazepines	13
20200809160500	台灣基礎神經科學學會	基礎	A Neutral Amino Acid Transporters ASCT1 and ASCT2 inhibitor L-4FPG improves behavioral impairments after repeated ketamine exposure in mice	Mr. 宋哲維	宋哲維 郭崇涵 陳慧誠	Che-Wei Sung Tsung-Han Kuo Hwei-Hsien Chen	Institute of Systems Neuroscience, National Tsing-Hua University Center for Neuropsychiatric Research, National Health Research Institutes	behavior,ketamine,ASCT transporter	14
20200810182035	台灣基礎神經科學學會	基礎	WDR4 controls cerebellar development and locomotor ability	Dr. Pei-Rung Wu		Pei-Rung Wu1, Wen-Zhao Gao1, Chun-Lun Lai1, I-Cheng Cheng2, Shen-Ju Chou2, Ruey-Hwa Chen1	1 Institute of Biological Chemistry, Academia Sinica, Taipei, Taiwan 2 Institute of Cellular and Organismic Biology, Academia Sinica, Taipei, Taiwan	WDR4,cerebellar development,cerebellar granule progenitor proliferation,ataxia	15
20200728101724	台灣基礎神經科學學會	基礎	Interrogate the role of vagal-dependent pathway in gut peptide-mediated locomotion	Ms. 賴姿廷	賴姿廷1; 吳偉立1,2,3,*	Tzu-Ting Lai1; Wei-Li Wu1,2,3,*	1 Department of Physiology, College of Medicine, National Cheng Kung University (NCKU), Tainan, Taiwan 2 Institute of Basic Medical Sciences, College of Medicine, National Cheng Kung University (NCKU), Tainan, Taiwan 3 Division of Biology and Biological Engineering, California Institute of Technology (Caltech), Pasadena, California, USA	Locomotor activity,Gut-brain axis,Glucagon-like peptide 1 (GLP-1),Vagus nerve,Gut microbiota	16
20200810221840	台灣生物精神醫學暨神經精神藥理學會	基礎	Exploration of Seasonal Expression Variations in Circadian Rhythm Genes in Mood Disorder Patients With or Without Seasonal Pattern	Ms. 張巧兒	張巧兒、許正典、陳錫中、何天瑜、劉智民、謝明憲、陳俊興、王宗揚、郭柏秀	Chiao-Erh Chang, Cheng-Dien Hsu, His-Chung Chen, Tien-Yu Jessica Ho, Chih-Ming Liu, Ming-Hsien Hsieh, Chun-Hsin Chen, Tsung-Yang Wang, and Po-Hsiu Kuo	National Taiwan University	Mood disorder,Circadian rhythm,Gene expression,Seasonal pattern,Clock genes	17
20200806122625	台灣神經外科醫學會	基礎	Mass Spectrometry Imaging and LC-MS/MS Studies of Mouse Malignant Brain Tumor in situ	Ms. 陳羿霏		Chiung-Yin Huang1,2, Hay-Yan J. Wang3, Li-Ying Feng2, Chia-Wen Hung2, Hsiao-Pei Chang2, Jui-Chin Li2, Yi-Rou Chen2, Jia-Wei Jhou2, Yi-Fei Chen2 and Kuo-Chen Wei1,2	1Department of Neurosurgery, Chang-Gung Memorial Hospital, Taoyuan, Taiwan 2Department of Medicine, Chang-Gung University, Taoyuan, Taiwan 3Department of Biological Sciences, National Sun Yat-Sen University, Kaohsiung, Taiwan	Mass Spectrometry Imaging,LC-MS/MS,Malignant Brain Tumor	18
20200706143843	台灣基礎神經科學學會	工程	Parkinsonian rodent model as a surrogate for development of closed-loop deep brain stimulation	Dr. Hsiao-Chun Lin	林校群、吳怡慧、吳重雨、柯明道	Hsiao-Chun Lin, Yi-Hui Wu, Chung-Yu Wu, Ming-Dou Ker	Biomedical Electronics Translational Research Center, National Chiao Tung University	Parkinson's disease,deep brain stimulation,animal model	19
20200729154337	台灣計算神經科學學會	工程	EEG-based Absence Seizure Prediction Using Convolutional Neural Networks	Ms. Ya Lin Huang	黃雅琳，魏群樹	Ya-Lin Huang1, Chun-Shu Wei2	1 Department of Biological Science & Technology, National Chiao Tung University, Hsinchu, Taiwan 2 Department of Computer Science, National Chiao Tung University, Hsinchu, Taiwan	EEG,Absence seizure,CNN,seizure prediction	20

20200727141840	台灣認知神經科學學會	認知	Exploration of Attention Task in Military Scenario using Wireless EEG	Mrs. Cong-Ying He		Cong-Ying He, Chia-Lung Yeh, Rupesh Kumar Chikara, Bo-Yu Tsai, Yang Chang, Yi-Ju Chiang, Pin-Jun Lin, Shih-Chien Tang,Li-Wei Ko	1 Institute of Bioinformatics and Systems Biology, National Chiao Tung University, Hsinchu, Taiwan 2 Center for Intelligent Drug Systems and Smart Bio-devices (IDS2B), National Chiao Tung University, Hsinchu, Taiwan 3 Information and Communications Research Division, National Chung-Shan Institute of Science and Technology, Taoyuan, Taiwan 4Institute of Biomedical Engineering, National Chiao Tung University, Hsinchu, Taiwan 5Drug Development and Value Creation Research Center, Kaohsiung Medical University, Kaohsiung, Taiwan	Attention,Military Scenario,Wireless EEG	21
20200714115616	台灣基礎神經科學學會	基礎	Activation-dependent labeling of type-specific cutaneous fiber	Ms. 聿芠 劉		Yu-Wen Liu, Shao-Wei Yu, Jye-Chang Lee, Chen-Tung Yen	Department of Life Science, National Taiwan University	methylene blue,fluorescent microscopy,intravital staining,activation-dependent labeling,type-specific cutaneous fiber	22
20200723122528	台灣基礎神經科學學會	基礎	Building the brain machine interface with large scale recording wire bundle	Mr. Jung-Chien Hsieh	謝戎建, 邢育肇, 吳玉成	Jung-Chien Hsieh, John Hsing, Yu-Wei Wu	Institute of Molecular Biology, Academia Sinica	Brain Machine interface,in-vivo recording,CMOS,Multi-electrode array	23
20200805181056	無	基礎	Real-Time SSVEP-RSVP Hybrid BCI System for Multi-Target Classification	Mr. Diddi Sandeep Vara Sankar		Sandeep Vara Sankar D, Li-Wei Ko, Yun-Chen Lu, Siddharth Shaw, Tzyy-Ping Jung, Yufei Huang	International Ph.D. Program in Interdisciplinary Neuroscience, College of Biological Science and Technology, National Chiao Tung University, Hsinchu, Taiwan College of Biological Science and Technology, National Chiao Tung University, Hsinchu, Taiwan, Republic of China Center for Intelligent Drug Systems and Smart Bio-Devices (IDS2B), National Chiao Tung University, Hsinchu, Taiwan Institute for Bioinformatics and Systems Biology, National Chiao Tung University, Hsinchu, Taiwan Drug Development and Value Creation Research Center, Kaohsiung Medical University, Kaohsiung, Taiwan Swartz Center for Computational Neuroscience, University of California, San Diego, San Diego, USA Department of Electrical and Computer Engineering, University of Texas, San Antonio, San Antonio, USA	Brain Computer Interface,Multiple Targets,Steady State Visual Evoked Potential,Rapid Serial Visual Presentation,Cognitive Biomarkers	24
20200806171650	中華民國生物醫學工程學會	工程	Computational simulation of in-vitro and in-vivo ultrasound exposure for neuromodulation	Mr. 林宇宣	林宇宣、王兆麟	Yu-Xuan Lin, Jaw-Lin Wang	Department of Biomedical Engineering, National Taiwan University	Ultrasound,Computational simulation,Finite element analysis	25
	台灣基礎神經科學學會	基礎	The role of advillin-involved axon regeneration in diabetic neuropathy	Dr. 莊育嘉	莊育嘉，陳志成	Yu-Chia Chuang, Chih-Cheng Chen	Institute of Biomedical Sciences, Academia Sinica, Taipei, Taiwan	cytoskeleton, axon regeneration, neuropathy, diabetes	26
20200808164401	台灣計算神經科學學會	基礎	Analysis of brain images of Drosophila melanogaster acquired by x-ray synchrotron	Mr. 強敬哲		Ching-Che Charng, Ting-Yuan Wang, Nan-Yow Chen, Chao-Chun Chuang, ChunChung Chen, Chi-Tin Shih, Ting-Kuo Lee, Chung-Chuan Lo	Institute of Systems Neuroscience, National Tsing Hua University	A Drosophila connectome,AXON,neuronal classification,neuronal bundles	27
20200810101207	台灣基礎神經科學學會	基礎	Mechanism of Gastrodia elata Blume in preventing dopaminergic neuron degeneration in Lrrk2-G2019S Parkinson's disease model	Mr. 林毓恩		Yu-En Lin, Lee-Yan Sheen, and Cheng-Ting Chien	Institute of Molecular Biology, Academia Sinica Institute of Food Science and Technology, National Taiwan University	Parkinson’s disease,LRRK2,Gastrodia elata Blume,neuron-glial interaction,Nrf2	28
20200810175331	台灣基礎神經科學學會	基礎	Chinese herbal medicine Coptis chinensis up-regulates β-glucosylceramidase and autophagy to reduce α-synuclein aggregation and neuronal vulnerability	Dr. Chih-Hsin Lin		Chih-Hsin Lin1, Chih-Ying Chao1, Chiung-Mei Chen1, Yih-Ru Wu1*, Guey-Jen Lee-Chen2*	1 Department of Neurology, Chang-Gung Memorial Hospital, Chang-Gung University College of Medicine, Taoyuan 33302, Taiwan 2 Department of Life Science, National Taiwan Normal University, Taipei 11677, Taiwan	Parkinson’s disease,Coptis chinensis,GBA,autophagy,α-synuclein	29

20200728170110	台灣基礎神經科學學會	基礎	The role of the α6 subunit-containing GABAA receptors in essential tremor: Animal studies	Ms. Ya Hsien Huang		Ya-Hsien Huang1, Werner Sieghart2, Margot Ernst2, Daniel E. Knutson3, James Cook3*, Ming-Tatt Lee1, and Lih-Chu Chiou1*	1 Department of Pharmacology, College of Medicine, National Taiwan University, Taipei, Taiwan. 2 Center for Brain Research, Department of Molecular Neurosciences, Medical University Vienna, Austria. 3 Department of Chemistry and Biochemistry, University of Wisconsin, Milwaukee, WI, USA.	Essential tremor,GABA receptor positive allosteric modulator,Harmaline induced tremor	30
20200810143536	台灣基礎神經科學學會	基礎	Molecular pathogenesis of a mouse model for spinocerebellar ataxia type 22 (SCA22)	Mr. Jia-Han Lin	林佳翰 洪浩植 宋秉文 蔡亭芬	Jia-Han Lin Hao-Chih Hung Bing-Wen Soong Ting-Fen Tsai	Department of Life Sciences and Institute of Genome Sciences , National Yang-Ming University, Taipei, Taiwan; Faculty of Medicine, National Yang-Ming University, Taipei, Taiwan; Department of Neurology, Shuang Ho Hospital, Taipei, Taiwan ; Department of Neurology, Taipei Veterans General Hospital, Taipei,	Spinocerebellar ataxia,SCA22,KCND3,neuron degenerative disease,mouse model	31
20200810101059	台灣基礎神經科學學會	基礎	Protective Effects of Herbal Extract Improve Neuromuscular Functions and Muscle Contraction on Amyotrophic Lateral Sclerosis Transgenic Mice Model	Ms. Hui-I Yang	楊蕙怡1,7、林欣榮1,4、韓鴻志1,5、丁筱茜1、張嘉佑1,2,3*、何宗融6,7*	Hui-I Yang 1,7, Shinn-Zong Lin 1,4, Horng-Jyh Harn 1,5, Hsiao-Chien Ting1, Chia-Yu Chang 1,2,3* and Tsung-Jung Ho 6,7*	1Bioinnovation Center, Buddhist Tzu Chi Medical Foundation, Hualien, Taiwan. 2Neuroscience Center, Buddhist Tzu Chi General Hospital, Hualien, Taiwan. 3Department of Medical Research, Buddhist Tzu Chi General Hospital, Hualien, Taiwan. 4Department of Neurosurgery, Buddhist Tzu Chi General Hospital, Hualien, Taiwan. 5Department of Anatomical Pathology, Buddhist Tzu Chi General Hospital, Hualien, Taiwan. 6Department of Chinese Medicine, Buddhist Tzu Chi General Hospital, Hualien, Taiwan. 7Institute of Medical Sciences, Tzu Chi University, Hualien 970, Taiwan	neurodegenerative disease,Amyotrophic lateral sclerosis (ALS),WNT signaling pathway	32
20200731115826	無	基礎	The impact of high fat diet on the neuronal insulin sensitivity of APP/PS1 mice	Mr. 姚恆翔	姚恆翔,簡孟安,蔡惠珍	Heng-Hsiang Yao1, Meng-An Chien2 , Huey-Jen Tsay1,*	Institute of Neuronscience in National Yang Ming University	Alzheimer's disease,insulin resistance,high fat diet	33
20200810173050	無	基礎	The mechanism underlying altered hypoglycemia-induced counterregulation in APP/PS1 transgenic mice	Ms. Li Jung Chao	趙莉容/高培甄/許豪杰/蔡惠珍	Li-Jung Chao, Pei-Chen Kao, Hao-Chieh Hsu, Huey-Jen Tsay	Institute of Neuroscience, National Yang Ming University	Alzheimer's disease,blood glucose,counterregulation,hormone,hypoglycemia	34
20200810163827	台灣基礎神經科學學會	基礎	Use the Value-Based Feeding Decision to Assess the Cognitive Status of Drosophila	Mr. Chih-Chieh Yu		Chih-Chieh Yu1,2, Ferng-Chang Chang2,3, Yong-Huei Hong4, Jian-Chiuan Li5, Po-Lin Chen5,6, Chun-Hong Chen5, Tzai-Wen Chiu2,3, Tsai-Te Lu4, Yun-Ming Wang1,2, Chih-Fei Kao2,3,*	1Institute of Molecular Medicine and Biochemical Engineering, National Chiao Tung University, Hsinchu, Taiwan 2Center for Intelligent Drug Systems and Smart Bio-devices (IDS2B), National Chiao Tung University, Hsinchu, Taiwan 3Department of Biological Science and Technology, College of Biological Science and Technology, National Chiao Tung University, Hsinchu, Taiwan 4Institute of Biomedical Engineering, National Tsing Hua University, Taiwan 5National Institute of Infectious Diseases and Vaccinology, National Health Research Institutes, Miaoli County, Taiwan. 6Institute of Molecular and Cellular Biology, College of Life Science, National Taiwan University, Taipei, Taiwan.	Drosophila,Feeding decision,Aging,Neurodegenerative disease,	35
20200731142442	台灣基礎神經科學學會	基礎	CCL5 promotion of glucose aerobic metabolism is crucial for synapse complex and memory formation	Mrs. Reni Ajoy		Yu-Chun Lo, Man-Hau Ho, Szu-Yi Chou	Ph.D. Program for Neural Regenerative Medicine, College of Medical Science and Technology, Taipei Medical University and National Health Research Institutes, Taipei, Taiwan; Graduate Institute of Neural Regenerative Medicine, College of Medical Science and Technology, Taipei Medical University, Taipei, Taiwan; Graduate Institute of Medical Sciences, College of Medicine, Taipei Medical University, Taipei, Taiwan	CCL5,synaptogenesis,glucogenesis,memory formation	36
20200805110642	台灣基礎神經科學學會	基礎	Differential activation of hippocampal dentate gyrus neurons by metabotropic glutamate receptor 5	Dr. Hung-Chang Shen		Hung-Chang Shen, Yu-Ting Wei, Cheng-Chang Lien	Institute of Neuroscience	mGluR5,dentate gyrus,DHPG	37

20200810143200	台灣基礎神經科學學會	基礎	ICA69-Mediated AMPA Receptor Trafficking Regulates Synaptic plasticity and Learning and Memory	Prof. Chih-Ming Chen	陳志銘、丘淑鈴、Richard Huganir	Chih-Ming Chen, Shu-Ling Chiu, Richard Huganir	1 Institute of Cellular and Organismic Biology, Academia Sinica, Taipei, Taiwan 2 Neuroscience Department and Kavili Neuroscience Discovery Institute, Johns Hopkins University School of Medicine, Baltimore, Maryland, USA	synaptic plasticity,learning and memory,endosomal trafficking,AMPA receptors	38
20200729140001	無	基礎	Exposure to silver impairs learning and social behaviors in adult zebrafish	Mrs. Chih-Wei Fu	傅至偉,洪君琳, 湯淑敬, 程柏維, 林豊益, 周銘翊	Chih-Wei Fu, Jiun-Lin Horng, Sok-Keng Tong, Bor-Wei Cherng, Bo-Kai Liao, Li-Yih Lin, Ming-Yi Chou	Department of Life Science, National Taiwan University	aquatic toxicity,silver nitrate,behavioral alteration	39
20200810181337	台灣認知神經科學學會	認知	Association of nonlinear EEG activities with working memory precision and individual differences	Mr. 張文乘	張文乘、馬杰仁、李東翰、梁偉光、阮啟弘	Wen-Sheng Chang, Neil G. Muggleton, Dong-Han Li, Wei-Kuang Liang, Chi-Hung Juan	Institute of Cognitive Neuroscience, National Central University, Taiwan	visual working memory,HHSA,EEG,cross-frequency coupling,mixture model	40
20200810194532	無	認知	Attentional demands over the Working Memory representational states	Mr. Prasad Balachandran		Chi-Hung Juan, Wen-Sheng Chang	Institute of Cognitive Neuroscience, National Central University, Jhongli, Taiwan	Working Memory,Attention,Dual task,Visual Search	41
20200810091656	台灣認知神經科學學會	認知	The role of frontoparietal beta amplitude modulation and its interareal cross-frequency coupling in visual working memory	Prof. Wei-Kuang Liang	梁偉光，曾祥非，葉家榮，黃鍔，阮啟弘	Wei-Kuang Liang, Philip Tseng, Jia-Rong Yeh, Norden E Huang, Chi-Hung Juan	ICN, NCU	frontoparietal network,amplitude modulation,visual working memory	42
20200729173749	台灣認知神經科學學會	認知	Investigating Memory Association between Scenes and Faces: A Behavioral and Eye Movement Study	Ms. Ying Szu Chen	陳思穎及襲充文	Abby Szu-Ying Chen and Gary C.-W. Shyi	Department of Psychology and Center for Research in Cognitive Sciences, National Chung Cheng University	face,scene,memory,recognition,eye movement	43
20200809235328	台灣認知神經科學學會	認知	Age Differences in Learning and Memorizing Unfamiliar Faces across Multiple Viewpoints: An fMRI Study	Mr. Peter Kuan-Hao Cheng	程冠豪,彭子耘，襲充文	Peter Kuan-Hao Cheng, Tz-Yun Peng, Gary C.-W. Shyi	1 Department of Psychology and Center for Research in Cognitive Sciences, National Chung Cheng University 2 Reserach Center for Education and Mind Sciences, National Tsing Hua University	Face recognition,Ageing,fMRI,face selective brain regions	44
20200729092826	無	基礎	TLR7 differentially regulates the effects of forced rotarod exercise on transcriptomic profile and neurogenesis to influence anxiety and memory	Dr. 洪韻荼	洪韻荼,薛一蘋	Yun-Fen Hung, Yi-Ping Hsueh	Institute of Molecular Biology, Academia Sinica, Taipei 11529, Taiwan	learning and memory,RNA-seq,Innate immunity,stress,rotarod	45
20200706145450	台灣基礎神經科學學會	基礎	Functional Reuniens and Rhomboid Nuclei are Required for Proper Expression of Contextual and Trace Fear	Ms. 吳宜庭	吳宜庭、張鈞惠	Yi-ting Wu, Chun-hui Chang	Institute of Systems Neuroscience, National Tsing Hua University, Hsinchu, Taiwan	trace fear conditioning,reuniens and rhomboid nuclei,contextual fear	46
20200725201720	台灣基礎神經科學學會	基礎	Differential Trace Intervals between Conditional and Unconditional Stimulus on Associative Strength of Trace Fear Conditioning	Ms. Yun-Ju Chiou	邱筠筑，張鈞惠	Yun-Ju Chiou, Chun-hui Chang	Institute of Systems Neuroscience, National Tsing Hua University, Hsinchu, Taiwan	fear conditioning,trace interval,learning theory,memory,	47
20200723111918	台灣基礎神經科學學會	基礎	Lateral orbitofrontal cortex modulation on prelimbic cortex-projecting basolateral amygdala neuronal activity.	Ms. 賴倩文	賴倩文、張鈞惠	Chien-Wen Lai and Chun-hui Chang	Institute of Molecular Medicine, National Tsing Hua University, Hsinchu 300, Taiwan Institute of Systems Neuroscience, National Tsing Hua University, Hsinchu 300, Taiwan	orbitofrontal cortex,basolateral amygdala,prelimbic cortex,,	48
20200805123041	台灣基礎神經科學學會	基礎	The Effect of Anesthesia on the Learning of Conditioned Taste Aversion in Rats	Ms. Chien-Hsin Cheng		Chien-Hsin Cheng, Hsiang-Yun Hsiao, Der-Yow Chen	Department of Psychology, National Cheng-Kung University, Tainan, Taiwan	anesthesia,conditioned taste aversion,nicotine,epinephrine	49
20200729160046	台灣基礎神經科學學會	基礎	Activation of fear memory engrams in the hippocampal-amygdala circuit awakes mice during sleep	Ms. Ting-Yen Lee		Ting-Yen Lee, Ching-Yuan Chang, Wan-Ting Liao, Yi-Tse	Department of Veterinary Medicine, School of Veterinary Medicine, National Taiwan University, Taipei, Taiwan	optogenetics,engram cell,fear memory,	50