國立中興大學 農業暨自然資源 學院 植物病理學系 系(所、室、中心、學位學程)教師評審委員會推(遴)選委員最近五年符合本校各系(所)教師評審委員會組織章程第2條第3項之**資格條件及自行檢核表**

一、以下委員是否均未曾因違反學術倫理而受校教評會處分。□是 ■否

二、以下委員於聘期內無休假研究情形。□是 ■否

委員姓名	是否為教授	符合條件（請勾選）及相關內容
陳珮臻 （當然委員）	■是 □否	■於各學院認可之國際期刊發表論文〔含發明專利、新品種育成、技術移轉等成果〕三篇(件)(第一作者或通訊作者)以上。文學院、管理學院及法政學院包含國家科學及技術委員會（以下簡稱國科會）各學門之一級期刊或國際期刊對等之論文集論文二篇以上，或由具審查制度之出版單位且經院教評會審查通過出版專書一本以上。 □曾主持三年以上國科會研究型計畫者。文學院、管理學院及法政學院最近五年曾主持二年以上國科會研究型計畫者。 ※相關資格條件敘明如下： 【系主任(所長、室主任、中心主任、學位學程主任)如未具有前項推（遴）選委員之資格，應由委員會推選委員一人擔任召集人。】 **國際期刊發表論文:** 1. Liang, C. C., & Chen, P. C*. 2025.02. Morphological and Molecular Characterization of a Novel Fungal-feeding Stem Nematode *Ditylenchoides agaricivorus* n. sp. (Tylenchida: Anguinidae) from Intercepted Samples. Journal of Nematology, 57(1), 20250001. (SCI)(通訊作者) 2. Lee, Sook-Kuan; Liao, Pin-Zhe; Lin, Chih-Yu; Chen, Hung-Wei; Hsieh, Meng-Shan; Lin, Ya-Ping; Chen, Yi-Ju; Hong, Jia-Heng; Chiang, Yi-Ling; Cheng, Chiu-Ping; Chen, Pei-Chen Janet*; Lee, Cheng-Ruei; Yang, Jiue-In; Ting, Hieng-Ming. 2024.09. Wild mungbean resistance to the nematode *Meloidogyne enterolobii* involves the induction of phenylpropanoid metabolism and lignification. Physiologia Plantarum. 2024;176:e14533. (SCI) 3. Ying-Yu Chen, Tung-Tsuan Tsay, Peichen Chen*. 2024.09. Assessing the compatibility of Streptomyces saraceticus with pesticides and the efficacy in controlling root-knot nematode. Journal of Phytopathology. 172: e13385. (SCI)(通訊作者) 4. Yi-Nian Chen, Dong-Hong Wu, Mei-Chun Chen, Meng-Ting Hsieh, Woei-Shyuan Jwo, Guo-Cih Lin, Rong-Kuen Chen, Hau-Ping Chou, Pei-Chen Chen*. 2023.11. Dynamics of spatial and temporal population structure of *Pyricularia oryzae* in Taiwan. Pest Management Science 2023;79:4254-4263. (SCI)(共同通訊作者) 5. Che-Chang Liang, Yi-Ping Tzeng, and P. Janet Chen*. 2023.7. First Report of a Root Lesion Nematode (*Pratylenchus brachyurus*) on Cassava in Taiwan. Plant Disease. 107(7):2264. (SCI)(通訊作者) 6. Cheng-Kuo Lai, Yi-Chien Lee, Huei-Mien Ke, Min R. Lu, Wei-An Liu, Hsin-Han Lee, Yu-Ching Liu, Toyoshi Yoshiga, Taisei Kikuchi, Peichen J. Chen*, Isheng Jason Tsai. 2023.5. The *Aphelenchoides* genomes reveal substantial horizontal gene transfers in the last common ancestor of free-living and major plant-parasitic nematodes. Molecular Ecology Resources. 2023;23:905-919 (SCI)(共同通訊作者) 7. J. -T. Ho, C.- C. Liang, and P. -J. Chen*. 2022.07. First Report of Root-Knot Nematode *Meloidogyne enterolobii* on Cockscomb (*Celosia argentea* var. *cristata*) in Taiwan. Plant Disease. 106(7):2000. (SCI)(通訊作者) 8. C.- C. Liang, and P. -J. Chen*. 2022.06. First Report of Root-Knot Nematode *Meloidogyne enterolobii* on Poinsettia 'Luv U Pink' in Taiwan. Plant Disease. 106(6):1764. (SCI)(通訊作者) 9. Jung-Kai Hsu, Chia-Wei Weng, Jeremy J. W. Chen and Peichen J. Chen*. 2022.02. The ACE genes in *Aphelenchoides besseyi* isolates and their expression correlation to the fenamiphos treatment. Scientific Reports. (2022)12:1975. (SCI)(通訊作者) 10. Pei-Hsuan Wu, Tung-Tsuan Tsay, Peichen Chen*. 2021.12. Evaluation of *Streptomyces saraciticas* as soil amendments for controlling soil-borne plant pathogens. The Plant Pathology Journal. 37(6):596-606. (SCI)(通訊作者) 11. C. -C. Liang, C. -W. Chiu, and P. J. Chen*. 2021.08. First Report of a Sheathoid Nematode (*Hemicriconemoides litchi*) on Longan in Taiwan. Plant Disease. 105(8):2256. (SCI)(通訊作者)

		國科會研究型計畫： 1. 水稻葉芽線蟲快速丟失寄生植物能力之機制。113/8/1-114/7/31 (NSTC 113-2313-B-005-028) 2. 水稻葉芽線蟲複合種快速丟失寄生植物能力之機制。114/8/1-115/7/31 (NSTC 114-2313-B-005-026)
李敏惠	■是 □否	■於各學院認可之國際期刊發表論文〔含發明專利、新品種育成、技術移轉等成果〕三篇(件)(第一作者或通訊作者)以上。文學院、管理學院及法政學院包含國科會各學門之一級期刊或國際期刊對等之論文集論文二篇以上，或由具審查制度之出版單位且經院教評會審查通過出版專書一本以上。 ■曾主持三年以上國科會研究型計畫者。文學院、管理學院及法政學院最近五年曾主持二年以上國科會研究型計畫者。 ※相關資格條件敘明如下： **國際期刊發表論文:** 1. Chia-Chi Kuo, Yung-Chu Lin, Li-Hung Chen, Meng-Yi Lin, Ming-Che Shih, Miin-Huey Lee*(通訊作者), 2021.01. CaNRT2.1 is required for nitrate but not nitrite uptake in chili pepper pathogen Colletotrichum acutatum. Frontier in Microbiology 11:613674 (SCI) 2. Chi-Kuan Tu, Pei-Han Wang, and Miin-Huey Lee*(通訊作者). 2022. The endophytic bacterium Lysobacter firmicutimachus strain 5-7 is a promising biocontrol agent against rice seedling disease caused by Pythium arrhenomanes in nursery trays. Plant Dis. 2022 Sep 12. doi: 10.1094/PDIS-05-22-1195-RE. (SCI) 3. Dai-Keng Hsieh, Shu-Cheng Chuang, Chun-Yi Chen, Ya-Ting Chao, Mei-Yeh Jade Lu, Miin-Huey Lee*(通訊作者), and Ming-Che Shih. 2022.01. Comparative genomics of three Colletotrichum scovillei strains and genetic analysis revealed genes involved in fungal growth and virulence on chili pepper. Front. Microbiol. 13:818291.doi: 10.3389/fmicb.2022.818291 (SCI) 4. Chao-Yang Kao, Chun-Ta Wu, Chsin-Hzier Lin, Dai-Keng Hsieh, Huey-Ling Lin, and Miin-Huey Lee*(通訊作者). 2022.11. The G protein subunit α1, CaGα1, mediates ethylene sensing of mango anthracnose pathogen Colletotrichum asianum to regulate fungal development and virulence and mediates surface sensing for spore germination. Front. Microbiol. 13:1048447.doi: 10.3389/fmicb.2022.1048447 (SCI) 5. Zun-Jie Syu, Chi-Kuan Tu, Chy-Yu Chen, Shuen-Fang Lo, and Miin-Huey Lee* (通訊作者). 2023. A large-scale hydroponic evaluation of rice mutants for *Pythium* resistance. Plant Disease. First Look. 2023 Dec 6. doi: 10.1094/PDIS-10-23-2179-RE. (SCI) 6. Chi-Kuan Tu, Wen-Di Huang, Pei-Han Wang, Wei-Lun Lin, Hong-Yue Chen, Sheng-Tsz Rau, Tsu-Cheng Chang, Li-Sen Young, Chih-Li Wang*, Miin-Huey Lee* (共同通訊作者). 2024.03. The rice endophytic bacterium Bacillus velezensis LS123N provides protection against multiple pathogens and enhances rice resistance to wind with increase in yield. Biological Control. 192(2024) 105507. (SCI). **國科會研究型計畫：** 1.芒果炭疽病菌 G 蛋白耦合接受體基因功能分析。110/08/01~113/07/31。 2.辣椒炭疽病菌 BNS 效應蛋白與植物蛋白之交互作用及功能分析。113/08/01~116/07/31。
詹富智	■是 □否	■於各學院認可之國際期刊發表論文〔含發明專利、新品種育成、技術移轉等成果〕三篇(件)(第一作者或通訊作者)以上。文學院、管理學院及法政學院包含國科會各學門之一級期刊或國際期刊對等之論文集論文二篇以上，或由具審查制度之出版單位且經院教評會審查通過出版專書一本以上。 ■曾主持三年以上國科會研究型計畫者。文學院、管理學院及法政學院最近五年曾主持二年以上國科會研究型計畫者。 ※相關資格條件敘明如下： **國際期刊發表論文:** 1. Hung, J.-C., Huang, T.-P., Huang, J.-W., Chang, C.-J., and **Jan, Fuh-Jyh***. 2025.03. The efficacy of orange terpene and *Bacillus mycoides* strain BM103 on the control of periwinkle leaf yellowing Phytoplasma. Plant Disease 109:646-656. (SCI) 2. Hung, J.-C., Lin, Y.-C., Tzeng, J.-Y., Shih, H.-T., Chang, C.-J., and **Jan, Fuh-Jyh***. 2024.08. First report of 'Candidatus Phytoplasma asteris'-related Strain (16SrI group) associated with small leaves, leaf yellowing, and shoot proliferation of morning glory (Ipomoea biflora) in Taiwan. Plant Disease 108: 2558. (SCI) 3. Tseng, Y.-W., Chang, C.-J., and J**an, Fuh-Jyh***. 2024.04. First Report of 'Candidatus Phytoplasma australasiaticum' associated with phyllody, virescence, and witches' broom disease in Chrysanthemum morifolium in Taiwan. Plant Disease 108: 1093. (SCI) 4. Tseng, Y.-W., Wu, Y.-H., Yang, Y.-S., Chen, Y.-K., and **Jan, Fuh-Jyh***. 2023.08. First report of

		Tomato leaf curl Cebu virus associated with Stachytarpheta jamaicensis golden yellow mosaic disease in Taiwan. Plant Disease 107: 2566 (Epub ahead of print on Aug. 2, 2023). https://doi.org/10.1094/PDIS-10-22-2304-PDN. (SCI) 5. Tseng, Y.-W., Chou, C.-T., Chang, C.-J., and **Jan, Fuh-Jyh***. 2023.07. First report of bidens mottle virus causing mild mottle and leaf distortion in Stachytarpheta jamaicensis in Taiwan. Plant Disease 107:2268. (SCI) 6. Chang, H.-H., Gustian, D., Chang, C.-J., and **Jan, Fuh-Jyh***. 2023.07. Seed and pollen transmission of tomato leaf curl New Delhi virus, tomato leaf curl Taiwan virus, and tomato yellow leaf curl Thailand virus in cucumbers and tomatoes. Plant Disease 107: 2002-2008. (SCI) 7. Chang, H.-H., Gustian, D., Chang, C.-J., and **Jan, Fuh-Jyh***. 2023.06. Virus-virus interactions alter the mechanical transmissibility and host range of begomoviruses. Frontiers in Plant Science 14:1092998. (SCI) 8. Tseng, Y.-W., Chang, H.-H., Chang, C.-J., and **Jan, Fuh-Jyh***. 2022.12. First Report of '*Candidatus* Phytoplasma asteris' (16SrI group) associated with *Murraya exotica* witches'-broom disease in Taiwan. Plant Disease 106: 3199. (SCI) 9. Tsai, C.-F., Huang, C.-H., Wu, F.-H., Lin, C.-H., Lee, C.-H., Yu, S.-S., Chan, Y-K., and **Jan, Fuh-Jyh***. 2022.12. Intelligent image analysis recognizes important orchid viral diseases. Frontiers in Plant Science 13:1051348. (SCI) 10. Chang, H.-H., Lee, C.-H.., Chang, C.-J., and **Jan, Fuh-Jyh***. 2022.04. FKBP-type peptidyl-prolyl cis-trans isomerase interacts with the movement protein of tomato leaf curl New Delhi virus and impacts viral replication in Nicotiana 23:561–575. http://doi.org/10.1111/mpp.13181. (SCI) 11. Lin, W.-P., Wang, W.-J., Lee, C.-H., **Jan, Fuh-Jyh***, and Wang, G.-J.*. 2022. 01. A two-in-one immunoassay biosensor for the simultaneous detection of Odontoglossum ringspot virus and Cymbidium mosaic virus. Sensors and Actuators B: Chemical 350:130875. (SCI). *co-corresponding author. 12. Tseng, Y.-W., Wu, C.-F., Lee, C.-H., Chang, C.-J., Chen, Y.-K., and **Jan, Fuh-Jyh***. 2021.10. Universal primers for rapid detection of six pospiviroids in solanaceae plants using one-step RT-PCR and RT-LAMP. Plant Disease 105:2867–2872. (SCI) 13. Huang, C,-T., **Jan, Fuh-Jyh***, and Chang, C.-C.*. 2021.01. A 3D plasmonic nanostructure for surface-enhanced Raman scattering and plasmon-enhanced fluorescence detections. Molecules 26:281. (SCI). *co-corresponding author. **國科會研究型計畫：** 1. 探討複合感染期間病毒與病毒交互作用所造成的拮抗作用、與病毒機械接種特性和寄主範圍的改變，2023/08/01~2026/07/31 (NSTC 112-2313-B-005 -031 -MY3) 。 2. 建立 beta-satellite 表現載體深入探討 Begomovirus 移動蛋白參與機械接種及病毒感染過程相關機制，2021/08/01~2024/07/31 (NSTC110-2313-B-005 -012 -MY3) 。 3. 以 RNA-Seq 分析番茄斑萎病毒在感染初期所需之寄主因子並應用於基因編輯研發抗病植物，2019/08/01~2022/07/31。(MOST108-2313-B-005 -034 -MY3)
鍾文鑫	■是 □否	■於各學院認可之國際期刊發表論文〔含發明專利、新品種育成、技術移轉等成果〕三篇(件)(第一作者或通訊作者)以上。文學院、管理學院及法政學院包含國科會各學門之一級期刊或國際期刊對等之論文集論文二篇以上，或由具審查制度之出版單位且經院教評會審查通過出版專書一本以上。 ■曾主持三年以上國科會研究型計畫者。文學院、管理學院及法政學院最近五年曾主持二年以上國科會研究型計畫者。 ※相關資格條件敘明如下： **國際期刊發表論文:** 1. Lin, K. H., Lin, Y. P., Ho, M. W., Chen, Y. C. and Chung, W. H.* 2020.10. Molecular epidemiology and phylogenetic analyses of environmental and clinical isolates of *Cryptococcus gattii sensu lato* in Taiwan. Mycoses 64: 324–335. (SCI) (通訊作者) 2. Sritongkam, B., Sun, P. L., Lo, P. H., Shen, Y. M., Wang, C. J., Unartngam, J., and Chung, W. H.* 2022.4. Novel causative agents of *Fusarium solani* species complex causing stem and fruit rot in cucurbit in Taiwan. Journal of Phytopathology 170 (7-8): 462-478. (SCI) (通訊作者) 3. Namisy, A., Rakha, M., Hsu, W. C., and Chung, W. H.* 2022.4. First Report of *Fusarium incarnatum-equiseti* Species Complex Causing Fruit Rot on Muskmelon in Taiwan. Plant Disease. https://doi.org/10.1094/PDIS-12-21-2624-PDN (SCI) (通訊作者)

		4. Chu, S. C., Lin K. H., Lin T. C., Chinnapan Thanarut and Chung, W. H.* 2022.10. Sensitivity of *Colletotrichum gloeosporioides* species complex (CGSC) isolated from strawberry in Taiwan to benzimidazole and strobilurin. Journal of Pesticide Science 47(4): 172-183. (SCI) (通訊作者) 5. Lin, K. H.,Lai, Y. C., Lin, Y. P., Ho, M. W., Chen, Y. C., Chung, W. H.* 2022.8. Antifungal susceptibility of the clinical and environmental strains of *Cryptococcus gattii sensu lato* in Taiwan. Mycoses 66(1): 13-24. (SCI) (通訊作者) 6. Chen, Y. J., Chen, H. J. and Chung, W. H.* (2023). Endophytic Fungal Diversity in Cirsium kawakamii from Taiwan. Journal of Fungi 9, 1076. https://doi.org/10.3390/jof9111076 (SCI) (通訊作者) 7. Lo, P. H., Lai, Y. T., Ko, Y. T., Kuo, C. C. and Chung, W. H.* (2023). First Report of Target Spot Disease of Strawberry Caused by Corynespora cassiicola in Taiwan. Plant Disease https://doi.org/10.1094/PDIS-09-22-2048-PDN. (SCI) (通訊作者) 8. Wu, C. C., Shen, Y. M., Teng, Y. C. and Chung, W. H.* (2023). First report of lisianthus wilt caused by Fusarium oxysporum f. sp. eustomae in Taiwan. Crop Protection 17, 106298. (SCI) (通訊作者) 9. Namisy, A., Huang, J. H., Rakha, M., Hong, C. F. and Chung, W. H.* (2023). Resistance to Fusarium oxysporum f. sp. luffae in Luffa Germplasm Despite Hypocotyl Colonization. Plant Disease 107: 1993-2001. (SCI) (通訊作者) **國科會研究型計畫：** 1. 引起臺灣瓜類作物根、莖或果腐病害之Fusarium solani species complex的調查、專一性引子對開發及瓜類抗病品系篩選，MOST 109-2313-B-005-033，2020/08/01~2021/07/31 2. 台灣蘭科植物病原菌Fusarium solani複合種的生物學特性與其感染來源，MOST 110-2313-B-005-011-MY2，2021/08/01~2023/07/31 3. 引起蘭科植物病害Fusarium oxysporum與F. proliferatum之族群多樣性調查、生物學特性及基因體學分析，NSTC 112-2313-B-005-032，2023/08/01~2024/07/31 4. 評估施用益生菌對提升香蕉生長固碳、病害防治、微生物相變化及產物附加價值之潛力(1/3)，NSTC 113-2321-B-005-010，2024/07/01~2025/06/30 5. 引起蘭科植物病害Fusarium oxysporum與F. fujikuroi之族群多樣性調查、生物學特性、基因體學分析及防治，NSTC 113-2313-B-005-029，2024/08/01~2025/07/31 6. 評估施用益生菌對提升香蕉生長固碳、病害防治、微生物相變化及產物附加價值之潛力(2/3)，NSTC 114-2321-B-005-006，2025/07/01~2026/06/30
鍾光仁	■是 □否	■於各學院認可之國際期刊發表論文〔含發明專利、新品種育成、技術移轉等成果〕三篇(件)(第一作者或通訊作者)以上。文學院、管理學院及法政學院包含國科會各學門之一級期刊或國際期刊對等之論文集論文二篇以上，或由具審查制度之出版單位且經院教評會審查通過出版專書一本以上。 ■曾主持三年以上國科會研究型計畫者。文學院、管理學院及法政學院最近五年曾主持二年以上國科會研究型計畫者。 ※相關資格條件敘明如下： **國際期刊發表論文:** 1. Huang, Y.-L., *Chung, K.-R., and Wu, P.-C. 2025. 7.The Alternaria alternata Mip1/RAPTOR Mediates Virulence by Regulating Toxin Production and Autophagy. Molecular Plant-Microbe Interactions https://doi.org/10.1094/MPMI-12-24-0161-R 2. Wu*, P.-C., Choo, C.Y.L., Wei, X.-Y., Yago, J.I., and *Chung, K.-R., 2024.1. Contribution of autophagy to cellular iron homeostasis and stress adaptation in Alternaria alternata. International Journal of Molecular Sciences, 2024, 25(2), 1123; https://doi.org/10.3390/ijms25021123 3. Wu, J.-J., Wu, P.-C., Yago, J.I., and *Chung, K.-R., 2023.3. The regulatory hub of siderophore biosynthesis in the phytopathogenic fungus Alternaria alternata. J. Fungi 2023, 9, 427. https://doi.org/10.3390/ jof9040427 4. Choo, C.Y.L., Wu*, P.-C., Yago, J.I., and *Chung, K.-R., 2023.1 The Pex3-mediated peroxisome biogenesis plays a critical role in metabolic biosynthesis, stress response, and pathogenicity in Alternaria alternata. Microbiological Research 266 (2023) 127236 https://doi.org/10.1016/j.micres.2022.127236 5. Lu, H.-Y., Huang, Y.-L., Wu, P.-C., Yago, J.I., and Chung, K.-R. (通訊作者), 2022.06. A zinc finger suppressor involved in stress resistance, cell wall integrity, conidiogenesis, and autophagy in the necrotrophic fungal pathogen *Alternaria alternata. Microbiological Research* 263 (2022) 127106 https://doi.org/10.1016/j.micres.2022.127106 (SCI) 6. Wu, P.-C., Choo, C.Y.L., Lu, H.-Y., Wei, X.-Y., Chen, Y.-K., Yago, J.I., and Chung, K.-R. (通訊作者), 2022.06. Pexophagy is required for fungal development, resistance to hydrogen peroxide, virulence, and adaptability in *Alternaria alternata*. *Molecular Plant Pathology* Available from: https://doi.org/10.1111/mpp.13247 (SCI)

		7. Wu*, P.-C., Chen, Y.-K., Yago, J.I., and *Chung, K.-R. (通訊作者), 2021.01. Peroxisomes implicated in the biosynthesis of siderophores and biotin, cell-wall integrity, autophagy and response to hydrogen peroxide in the citrus pathogenic fungus Alternaria alternata. Frontier in Microbiology 12:645792. doi.10.3389/fmicb.2021.645792 (SCI) 8. Wu*, P.-C., Chen, C.-W., Choo, C.Y.L., Chen, Y.-K., Yago, J.I., and *Chung, K.-R. (通訊作者), 2020.10. Proper functions of peroxisomes are vital for pathogenesis of citrus brown spot disease caused by Alternaria alternata. J. Fungi 2020,6(4),248;https://doi.org/10.3390/jof6040248 (SCI) 9. Wu, P.-C., Chen, C.-W., Choo, C.Y.L., Chen, Y.-K., Yago, J.I., and *Chung, K.-R. (通訊作者), 2020.10. Biotin biosynthesis affected by NADPH oxidases and lipid metabolism is required for infectivity in the citrus fungal pathogen Alternaria alternata. Microbiological Research 241(2020) 126566. doi.org/10.1016/j.micres.2020.126566 (SCI) **國科會研究型計畫：** 1.討鏈格孢菌中脂滴的動態調節與致病機制的關聯 2024/11/01~2025/10/31 2.探討單硫醇谷氧還蛋白在植物病原鍊格孢真菌中的鐵穩態和毒力之功能 2024/08/01~2027/07/31。 3.鍊格孢菌(Alternaria)自噬作用對抗活性氧機制之研究 2023/08/01~2024/07 4.新生多肽複合體α亞基在抗氧化、過氧化物酶體、自噬及鍊格孢菌致病機制之影響 2020/08/01~2023/07/31 5.深入了解鍊格孢菌之基因調控網絡及其與鐵螯合劑生合成、鐵吸收、抗氧化及致病機制之相關性 2019/08/01~2022/07/31 6.柑橘重要病蟲害管理及致病機制之研究－台灣柑橘重要病蟲害管理及抗病機制 2018/06/01~2021/05/31
陳啟予	■是 □否	■於各學院認可之國際期刊發表論文〔含發明專利、新品種育成、技術移轉等成果〕三篇(件)(第一作者或通訊作者)以上。文學院、管理學院及法政學院包含國科會各學門之一級期刊或國際期刊對等之論文集論文二篇以上，或由具審查制度之出版單位且經院教評會審查通過出版專書一本以上。 ■曾主持三年以上國科會研究型計畫者。文學院、管理學院及法政學院最近五年曾主持二年以上國科會研究型計畫者。 ※相關資格條件敘明如下： **國際期刊發表論文:** 1. Ou, Jie-Hao, Kuo, Chang-Hsin, Wu, Yea-Fang, Lin, Guo-Cih, Lee, Miin-Huey, Chen, Rong-Kuen, Chou, Hau-Ping, Wu, Hsin-Yuh, Chu, Sheng-Chi, Lai, Qiao-Juan, Tsai, Yi-Chen, Lin, Chun-Chi, Kuo, Chien-Chih, Liao, Chung-Ta, Chen, Yi-Nian, Chu, Yen-Wei, Chen, Chi-Yu*.(通訊作者) 2023. Application-oriented deep learning model for early warning of rice blast in Taiwan. Ecological Informatics 73. 101950 101950. https://doi.org/10.1016/j.ecoinf.2022. (SCI, 5.1, 27/169) (2023.3) 2. Chen, C.X., Wu, Y.F., Gong, H.H., Lin, Y.J., Chen, C.Y. (通訊作者) (2021.03). First report of binucleate Rhizoctonia AG-L causing root and stem rot of wishbone flower (Torenia fournieri) in Taiwan. Plant Disease (doi.org/10.1094/PDIS-11-20-2428-PDN Online ahead of print) (23 Mar 2021) (SCI,4.438, 29/235) 3. Chen, C. S., Wu, Y. F., Chen, Ch. Y. (通訊作者) (2020. 10). First Report of *Rhizoctonia solani* AG 1-IG causing root rot and stem canker of kale in Taiwan. Plant Disease 104: 3260. (SCI) **國科會研究型計畫：** 1. Eremothecium屬椿象真菌之世界性評估-以台灣菌種為關鍵依據，2024/08/01~2025/07/31 2. Eremothecium 屬真菌之多樣性及其與椿象和植物之關係，2022/08/01~2024/07/31 3. 昆蟲攜帶鐮孢菌之多樣性：由菌蠹蟲、咖啡果小蠹、及莉桐釉小蜂探討，2021/08/01~2022/07/31 4. 昆蟲攜帶鐮孢菌之多樣性：由菌蠹蟲、咖啡果小蠹、及莉桐釉小蜂探討，2020/08/01~2021/07/31
王智立	■是 □否	■於各學院認可之國際期刊發表論文〔含發明專利、新品種育成、技術移轉等成果〕三篇(件)(第一作者或通訊作者)以上。文學院、管理學院及法政學院包含國科會各學門之一級期刊或國際期刊對等之論文集論文二篇以上，或由具審查制度之出版單位且經院教評會審查通過出版專書一本以上。 ■曾主持三年以上國科會研究型計畫者。文學院、管理學院及法政學院最近五年曾主持二年以上國科會研究型計畫者。 ※相關資格條件敘明如下：

國際期刊發表論文:

1. Chu, Huang-Hsi, Xu, Yun-Xuan, and Wang, Chih-Li (通訊作者) 2025.05. First report of leaf spot on Basella alba caused by *Dichotomophthora basellae* in Taiwan. *Plant Disease*. 10.1094/PDIS-04-25-0815-PDN. (SCI)
2. Iamnok, Kachosak , Chung, Wen-Hsin, Chen, Yi-Nian, and Wang, Chih-Li (通訊作者) 2025.05. Vegetative compatibility assays in *Pyricularia oryzae* isolates from Taiwan reveal heterogeneity in a putative vegetative compatibility group. *Tropical Plant Pathology* 50: 45. (SCI)
3. Chu, Huang-Hsi, Tang, Wen-Chien, Iamnok, Kachonsak, Goh, Reun-Ping, Chu, Chia-Ching, Huang, Jenn-Wen, and Wang, Chih-Li (通訊作者) 2025.04. A bacterial gall disease of Myrica rubra caused by *Pseudomonas amygdali* pv. *myricae* in Taiwan. *Plant Disease* 10.1094/PDIS-02-25-0365-PDN. (SCI)
4. Chu, Huang-Hsi, and Wang, Chih-Li (通訊作者) 2025.02. Description and host susceptibility of *Pseudocercospora euonymicola* sp. nov. causing leaf spot disease on *Euonymus japonicus* in Taiwan. *Journal of Plant Pathology* 107:619–632. (SCI)
5. Tsao, Wei-Chin, Li, Yi-Hsuan, Tu, Yi-He, Nai, Yu-Shin, Lin, Tsung-Chun, and Wang, Chih-Li (通訊作者) 2024.09. Identification and molecular detection of the pathogen of *Phalaenopsis* leaf yellowing through genome analysis. *Frontiers in Microbiology* 15:1431813. (SCI)
6. Chen, Yu-An, Chu, Huang-Hsi, and Wang, Chih-Li (通訊作者) 2024.06. Root rot of spinach caused by *Pythium myriotylum* and *P. aphanidermatum* in Taiwan. *Plant Disease* 108: 1900. (SCI)
7. Chu, Huang-Hsi, Tsao, Wei-Chin, Huang, Jenn-Wen, Chang, Pi-Fang Linda, and Wang, Chih-Li (通訊作者). 2024.05. Development of specific primers for *Fusarium oxysporum* formae speciales *rapae* and *matthiolae* with an integrated multiplex PCR for distinguishing four formae speciales on Brassicaceae. *Plant Disease* 108: 1632-1644. (SCI)
8. Tu, Chi-Kuan, Huang, Wen-Di, Wang Pei-Han, Lin, Wei-Lun, Chen, Hong-Yue, Rau, Sheng-Tsz, Chang, Tsu-Cheng, Young, Li-Sen, Wang, Chih-Li (共同通訊作者), and Lee, Miin-Huey (共同通訊作者). 2024.03. The rice endophytic bacterium *Bacillus velezensis* LS123N provides protection against multiple pathogens and enhances rice resistance to wind with increase in yield. *Biological Control* 192: 105507. (SCI)
9. Chu, Huang-His, Chen, Xin-Jie, and Wang, Chih-Li (通訊作者). 2023.12. First report of powdery mildew on *Euonymus japonicus* caused by *Erysiphe euonymicola* in Taiwan. *Plant Disease* 107: 4025.
10. Huang, Yu-Cheng, Tsai, Cheng-Yu, and Wang, Chih-Li (通訊作者). 2023.04. Host invasion type is a phylogenetically conserved characteristic of *Cephaleuros*. *Plant Disease* 107: 3222-3229.
11. Lin, Wei-Lun, Duan, C.-H., and Wang, Chih-L**i** (通訊作者). 2022.11. Identification and virulence of *Colletotrichum* species causing anthracnose on mango. *Plant Pathology* 72623-635. (SCI)
12. Zhou, Zi-You, Tsao, Wei-Chin, Chung Wen-Hsin, Wang, Chih-Li(通訊作者). 2022.03. First report of mango leaf blotch caused by *Pseudoplagiostoma mangiferae* in Taiwan. *Plant Disease* 106: 2749**.** (SCI)
13. Dai, Yu-Lun, Wang, Ching-Chung, Lin, Huey-Ling, and Wang, Chih-Li(通訊作者). 2021.02. First report of Septoria blotch of passion fruit caused by *Septoria passifloricola* in Taiwan. *Plant Disease* 105: 700. (SCI)

國科會研究型計畫：

應敘明計畫名稱、執行起迄日期，且須為計畫主持人，**如為共同主持人不得填列**。

1. 感染十字花科及菊科作物的鐮孢病菌分化型之病原菌相異性、交叉致病性、感染差異及基因表達 (2024/08/01~ 2025/10/31)
2. 蝴蝶蘭黃葉病菌外泌蛋白之鑑定與功能分析(2021/08/01~2024/07/31)

		蕪菁尖鐮孢菌SGE1基因之特性分析及其下游效應因子之探索 (2020/08/01~ 2021/10/31)
朱家慶 (候補 1)	■是 □否	■於各學院認可之國際期刊發表論文〔含發明專利、新品種育成、技術移轉等成果〕三篇(件)(第一作者或通訊作者)以上。文學院、管理學院及法政學院包含國科會各學門之一級期刊或國際期刊對等之論文集論文二篇以上，或由具審查制度之出版單位且經院教評會審查通過出版專書一本以上。 ■曾主持三年以上國科會研究型計畫者。文學院、管理學院及法政學院最近五年曾主持二年以上國科會研究型計畫者。 ※相關資格條件敘明如下： **國際期刊發表論文:** 1. Reun-Ping Goh*, Yi-Chang Liao*, Man-Miao Yang, and Chia-Ching Chu#. 2025/06. Screening of diverse Psylloidea species in Taiwan reveals presence of both known and potentially novel '*Candidatus* Liberibacter' species in multiple psyllid lineages. Microbiology Spectrum e01228-25. (https://journals.asm.org/doi/10.1128/spectrum.01228-25) (美國) (SCI) (通訊作者) 2. Liang-Hsuan Wang, Wen-Chien Tang, Reun-Ping Goh, Jiun-Jie Chan, Yen-Hsin Chiu, Yea-Fang Wu, Shih-Min Su, Dao-Yuan Xue, and Chia-Ching Chu#. 2025/02. Phylogenetic placements and phenotypic traits of soft rot bacteria isolated from potato (*Solanum tuberosum*) in Taiwan. Journal of Plant Pathology 107:365-377. (美國) (SCI) (通訊作者) 3. Wen-Chien Tang, Liang-Hsuan Wang, Jiun-Jie Chan, Reun-Ping Goh, Yea-Fang Wu and Chia-Ching Chu#. 2024/8. Inter- and intra-specific variations in phenotypic traits of *Pectobacterium* strains isolated from diverse eudicots and monocots in Taiwan. Plant Disease 108(8):2410-2421. (美國) (SCI) (通訊作者) 4. Reun-Ping Goh*, Shin Lee*, Zi-Qing Fang*, Wen-Chien Tang* and Chia-Ching Chu#. 2024/6. First report of *Pseudomonas cichorii* causing bacterial leaf blight of pocketbook plant (*Calceolaria hybrida*) in Taiwan. Plant Disease 108(6):1880. (美國) (SCI) (通訊作者) 5. Reun-Ping Goh*, Shin Lee*, and Chia-Ching Chu#. 2024/3. First report of a '*Candidatus* Phytoplasma australasiaticum'-related phytoplasma strain associated with shoot proliferation disease of variegated croton in Taiwan. Plant Disease 108(3):781. (美國) (SCI) (通訊作者) 6. Zi-Qing Fang, Yi-Chang Liao, Shin Lee, Man-Miao Yang, and Chia-Ching Chu#. 2023/6. Infection patterns of '*Candidatus* Liberibacter europaeus' in *Cacopsylla oluanpiensis*, a psyllid pest of *Pittosporum pentandrum*. Journal of Invertebrate Pathology. 200:107959. (美國) (SCI) (通訊作者) 7. Nian-Pu Li*, Wen-Qian Tang*, Shin Lee, Chih-Li Wang, and Chia-Ching Chu#. 2023/7. First report of *Pectobacterium carotovorum* and *Pectobacterium brasiliense* causing bacterial soft rot of bok choy in Taiwan. Plant Disease. (美國) (SCI) (通訊作者) 8. Wen-Yu Hsu*, Yi-Jin Lee*, Che-Hung Lin, and Chia-Ching Chu#. 2023/3. First report of *Robbsia andropogonis* causing bacterial leaf spot of bougainvilleas in Taiwan. Plant Disease. (美國) (SCI) (通訊作者) 9. Ching-Yu Chang*, Wen-Chien Tang*, and Chia-Ching Chu#. 2023/3. First report of *Dickeya dadantii* causing bacterial soft rot of *Scindapsus pictus* in Taiwan. Plant Disease. (美國) (SCI) (通訊作者) 10. Liang-Hsuan Wang*, Jiun-Jie Chan*, Yi-Hsin Wang, Zi-Qing Fang, Shin Lee and Chia-Ching Chu#. 2023/2. Bacterial leaf blight of *Polyscias guilfoylei* caused by a novel pathovar of *Xanthomonas euvesicatoria*. Plant Disease 107(2): 298-305. (美國) (SCI) (通訊作者) 11.Yu-Min Wu*, Liang-Hsuan Wang* and Chia-Ching Chu#. 2023/2. First report of *Dickeya dadantii* causing bacterial soft rot of *Thaumatophyllum bipinnatifidum* in Taiwan. Plant Disease 107(2): 552. (美國) (SCI) (通訊作者) 12. Liang-Hsuan Wang*, Wen-Qian Tang*, Jiun-Jie Chan, Yi-Jin Lee, Ching-Yu Chang, Zi-Qing Fang and Chia-Ching Chu#. 2023/2. First report of *Pectobacterium aroidearum* causing bacterial soft rot of *Epipremnum aureum* in Taiwan. Plant Disease 107(2):550. (美國) (SCI) (通訊作者) 13. Fang-Yu Lin, Shin Lee, Yi-Chang Liao, Man-Miao Yang, and Chia-Ching Chu#. 2022/12. Infection patterns of a Liberibacter associated with *Macrohomotoma gladiata*, a psyllid feeding on *Ficus microcarpa*. Microbiology Spectrum 10(6): e03614-22. (美國) (SCI) (通訊作者) 14. Shin Lee, Chien-Young Chu, and Chia-Ching Chu#. 2022/11. Expression level of a phenylalanine ammonia-lyase gene in poinsettia is negatively correlated with poinsettia branch-inducing phytoplasma titer. Microbiology Spectrum 10(6): e03814-22. (美國) (SCI) (通訊作者) 15. Xian-Yong Wei, Wen-Ling Deng, and Chia-Ching Chu#. 2021/12. Phylogenetic and phenotypic analyses on *Dickeya* spp. isolated from different host plants in Taiwan. Journal of Phytopathology

		169(11-12): 678-691. (美國) (SCI) (通訊作者) 16. Shin Lee*, Yi-Jin Lee*, Ching-Yu Chang*, and Chia-Ching Chu#. 2021/12. First report of a '*Candidatus* Phytoplasma aurantifolia'-related strain (16SrII-V) associated with phyllody, virescence, and shoot proliferation of sweet William (*Dianthus barbatus*) in Taiwan. Plant Disease 105(10): 3285. (美國) (SCI) (通訊作者) 17. Shin Lee, Chien-Young Chu and Chia-Ching Chu#. 2021/8. Variability of phytoplasma infection density in poinsettia and evaluation of its association with the level of branching in host plants. Plant Disease 105(5): 1539-1545. (美國) (SCI) (通訊作者) 18. Wen-Qian Tang, Ching-Yu Chang, Yi-Jin Lee, and Chia-Ching Chu#. 2021/3. First report of *Pectobacterium aroidearum* causing bacterial soft rot of carrot in Taiwan. Plant Disease 105 (3), 695. (美國) (SCI) (通訊作者) **國科會研究型計畫：** 1.臺灣不同寄主來源 *Pectobacterium* 屬細菌之特性與感染趨勢分析暨不同菌種與植物交互關係之探討 2023/08/01~2026/07/31 (計畫主持人) 2.環境變遷下木蝨類昆蟲與細菌的交互影響與其應用於植物細菌性病害防治之可行性探討。2019/08/01~2022/07/31 (計畫主持人)
張碧芳 (候補 2)	■是 □否	■於各學院認可之國際期刊發表論文〔含發明專利、新品種育成、技術移轉等成果〕三篇(件)(第一作者或通訊作者)以上。文學院、管理學院及法政學院包含國科會各學門之一級期刊或國際期刊對等之論文集論文二篇以上，或由具審查制度之出版單位且經院教評會審查通過出版專書一本以上。 □曾主持三年以上國科會研究型計畫者。文學院、管理學院及法政學院最近五年曾主持二年以上國科會研究型計畫者。 ※相關資格條件敘明如下： **國際期刊發表論文:** 1. Chang, T. H., Y. C. Chen, Y. F. Lai, T. C. Wu, C. H. Lai*, H. Y. Hsueh* & P.-F. L. Chang*. Integrated application of grafted ZnO and fungicide to control the fungicide-resistant *Colletotrichum* spp. 2024.2. *Journal of the Taiwan Institute of Chemical Engineers* 155: 105321. (SCIE) (共同通訊作者) 2. 張碧芳、薛涵宇、張道禾、陳宜琪、黃振文。氧化鋅用於提高農藥防治其抗藥性病原菌之功效的應用及方法。中華民國發明第 I821996 號。2023.11.11 至 2042.04.14。專利權人：國立中興大學。(發明專利) 3. Chang, T. H., Y. H. Lin, Y. L. Wan, K. S. Chen, J. W. Huang & P.-F. L. Chang*. Degenerated virulence and irregular development of *Fusarium oxysporum* f. sp. *niveum* induced by successive subculture. 2020.12. *Journal of Fungi* 6(4): 382. (SCIE) (通訊作者)
黃姿碧 (候補 3)	■是 □否	■於各學院認可之國際期刊發表論文〔含發明專利、新品種育成、技術移轉等成果〕三篇(件)(第一作者或通訊作者)以上。文學院、管理學院及法政學院包含國科會各學門之一級期刊或國際期刊對等之論文集論文二篇以上，或由具審查制度之出版單位且經院教評會審查通過出版專書一本以上。 ■曾主持三年以上國科會研究型計畫者。文學院、管理學院及法政學院最近五年曾主持二年以上國科會研究型計畫者。 ※相關資格條件敘明如下： **國際期刊發表論文:** 1. Yu-Hsuan Chen, Kuan-Yao Sung, Shu-Jen Tuan, Jenn-Wen Huang, Yi-Hsien Lin, and Tzu-Pi Huang**(通訊作者). 2025.04. A Streptomyces agent for biocontrol of Phytophthora blight and it's modulation of rhizosphere microbiomes in passion fruit. Plant Dis. (Accepted on April 7; Published online April 8; https://doi.org/10.1094/PDIS-01-25-0089-RE) (SCI) 2. Bo-Lin Ho, Jhun-Chen Chen, Tzu-Pi Huang*(通訊作者), Su-Chiung Fang*. 2022.11 Protocorm-like-body extract of *Phalaenopsis aphrodite* combats watermelon fruit blotch disease. Front. Plant Sci. 13:1054586. (doi: 10.3389/fpls.2022.1054586) (SCI) 3. Ying-Ru Liang, Fang-Chin Liao, Tzu-Pi Huang* (通訊作者). 2022.02. Deciphering the influence of *Bacillus subtilis* strain Ydj3 colonization on the vitamin C contents and rhizosphere microbiomes of sweet peppers. PLoS ONE 17(2): e0264276. (SCI) 4. Yu-Hsuan Chen, Pei-Chun Lee, and Tzu-Pi Huang* (通訊作者). 2021.04. Biocontrol of collar rot on passion fruits via induction of apoptosis in the collar rot pathogen by *Bacillus subtilis.* Phytopathology 111(4): 627-638. (SCI) 5. Chia-Jung Yang, Tzu-Pi Huang* (通訊作者), and Jenn-Wen Huang*. 2021.02. Field sanitation and foliar application of *Streptomyces padanus* PMS-702 for the control of rice sheath blight. Plant Pathol. J. 37(1): 57-71. (SCI) **發明專利：** 1.黃姿碧、黃振文、黃三光、劉玖易。提升植物耐逆境之枯草芽孢桿菌 WMA1 生物膜組成物。2023 年 9 月 11 日至 2042 年 6 月 29 日。中華民國發明專利第 I815533。 2.黃姿碧、黃振文、黃三光、劉玖易。地衣芽孢桿菌 EC34-01 生物膜形成組成物及其應用。

		2023 年 10 月 11 日至 2042 年 6 月 29 日。中華民國發明專利第 I818611。 **技術移轉:** 1. 生產生物膜保護農作物健康的枯草桿菌 *Bacillus subtilis* MCLB2 之功效與試量產應用。2021 年 1 月 1 日至 2025 年 12 月 31 日。台茂奈米生化股份有限公司。(MOST 109-2321-B-005-022-) 2. 具作物、畜產及水產保健功能之枯草桿菌產品效用與應用技術。2021 年 7 月 15 日至 2026 年 7 月 14 日。大統國際生技股份有限公司。(MOST 108-2321-B-005-006-) **國科會研究型計畫：** 1. .微生物調控木瓜負碳栽培管理的效益分析(2/3)，114/07/01~115/06/30 2.微生物調控木瓜負碳栽培管理的效益分析(1/3)，113/07/01~114/06/30 3.芽孢桿菌生物膜在甜椒細菌性斑點病防治佐劑配方研發與機理探討，112/08/01~113/07/31 4.芽孢桿菌生產生物膜在甜椒細菌性斑點病防治及化學農藥降解的應用與機理探討，111/08/01~112/07/31 5.鏈黴菌生物防治劑之應用對根圈微生物體影響之解密，109/08/01~110/07/31
胡仲祺 (外系委員) (候補 4)	■是 □否	□於各學院認可之國際期刊發表論文〔含發明專利、新品種育成、技術移轉等成果〕三篇(件)(第一作者或通訊作者)以上。文學院、管理學院及法政學院包含國科會各學門之一級期刊或國際期刊對等之論文集論文二篇以上，或由具審查制度之出版單位且經院教評會審查通過出版專書一本以上。 ■曾主持三年以上國科會研究型計畫者。文學院、管理學院及法政學院最近五年曾主持二年以上國科會研究型計畫者。 ※相關資格條件敘明如下： 國科會研究型計畫： 1. 雙生病毒C4蛋白調控寄主植物捲葉病徵方向性之機制研究，2021/08/01~2024/07/31 2. 參與特定雙生病毒C4蛋白調控捲葉病徵趨向性的寄主因子之作用機制探討與應用，2020/08/01~2021/07/31
古新梅 (外系委員) (候補 5)	■是 □否	■於各學院認可之國際期刊發表論文〔含發明專利、新品種育成、技術移轉等成果〕三篇(件)(第一作者或通訊作者)以上。文學院、管理學院及法政學院包含國科會各學門之一級期刊或國際期刊對等之論文集論文二篇以上，或由具審查制度之出版單位且經院教評會審查通過出版專書一本以上。 ■曾主持三年以上國科會研究型計畫者。文學院、管理學院及法政學院最近五年曾主持二年以上國科會研究型計畫者。 ※相關資格條件敘明如下： 國際期刊發表論文: 1. Shu-Yun Chen, Mei-Hsiu Su, Karl A. Kremling, Nicholas K. Lepak, M. Cinta Romay, Qi Sun, Peter J. Bradbury, Edward S. Buckler and Hsin-Mei Ku*(通訊作者)2020.10 Identification of miRNA-eQTLs in Maize Mature Leaf by GWAS. 21:689. ISSN 1471-2164. BMC Genomics. (SCI) 2.Jen-Ren Chen, Shang-Ling Ou, Ting-lun Nieh, Chih-Yu Lu, Hsin-Mei Ku*(通訊作者) 2020.10 Molecular dissection of Cucumis metuliferus resistance against Papaya ringspot virus by grafting. 9, 1666 . Plants. (SCI) 3.Jen-Ren Chen, Hiroki Ueno, Hideo Matsumura, Naoya Urasaki, Chen-Yu Lee, Fure-Chyi Chen, Shih-Wen Chin, Chun-Chi Liu, Chan-Tai Chiu, Kazuhiko Tarora, Jing-Yi Li, Chieh Ying Lee, and Hsin-Mei Ku*(通訊作者) 2021.11 Genomic characterization of a rare Carica papaya X chromosome mutant reveals a candidate monodehydroascorbate reductase 4 gene involved in all-hermaphrodite phenomenon. 296, 1323-1335. Mol Gen Genet. (SCI) 4.Yen-Hsiang Huang, Hsin-Mei Ku, Chong-An Wang, Ling-Yu Chen, Shan-Syue He, Shu Chen, Po-Chun Liao, Pin-Yuan Juan, Chung-Feng Kao* (第一作者) 2022.09 A multiple phenotype imputation method for genetic diversity and core collection in Taiwanese vegetable soybean. 13: 948349. doi : 10.3389/fpls.2022.948349. Front Plant Sci . (SCI) 國科會研究型計畫： 1. 建立標靶TCTP 基因以抗potyviruses之TRV-VIG作物基因編輯系統。2023/08/01~2026/07/31。NTSC 112-2313-B-005-035-MY3 2.苦瓜全雌性相關基因鑑定與應用。2020/08/01~2023/07/31。NTSC 109-2313-B-005-022-MY3
黃政華 (外系委員) (候補 6)	■是 □否	■於各學院認可之國際期刊發表論文〔含發明專利、新品種育成、技術移轉等成果〕三篇(件)(第一作者或通訊作者)以上。文學院、管理學院及法政學院包含國科會各學門之一級期刊或國際期刊對等之論文集論文二篇以上，或由具審查制度之出版單位且經院教評會審查通過出版專書一本以上。 □曾主持三年以上國科會研究型計畫者。文學院、管理學院及法政學院最近五年曾主持二年以上國科會研究型計畫者。 ※相關資格條件敘明如下： 國際期刊發表論文: 1. Syuan-Lu Chen, and Cheng-Hua Huang (通訊作者) (2023, Dec). Effects of Azotobacter and carbon dioxide concentrations on the growth and yield of rice plants grown in two paddy soils.

		Agronomy, 13, 2998. 2. Jia-Yang Su, Cheng-Huan Liu, Kimberly Tampus, Ya-Chi Lin, and Cheng-Hua Huang (通訊作者) (2022, May). Organic amendment types in-fluence soil properties, the soil bacterial microbiome, and tomato growth. Agronomy, 12:1236. 3. Ruei-Teng Lyu, and Cheng-Hua Huang (通訊作者) (2022, Apr). Supplementation of manure compost with Trichoderma asperellum improves the nutrient uptake and yield of edible amaranth under field conditions. Sustainability, 14:5389. 4. Yi-Chun Chien, and Cheng-Hua Huang (通訊作者) (2022, Jan). Effects of pH values and application methods of potassium silicate on nutrient uptake and bacterial spot of tomato. European Journal of Plant Pathology, 162, 119-130. 5. Cheng-Huan Liu, Wanyi Siew, Yu-Ting Hung, Yu-Ti Jiang, and Cheng-Hua Huang (通訊作者) (2021, Jan). 1-aminocyclopropane-1-carboxylate (ACC) deaminase gene in Pseudomonas azotoformans is associated with the amelioration of salinity stress in tomato. Journal of Agricultural and Food Chemistry, 69, 913-921. 6. Dumsane T. Matsea, Cheng-Hua Huang (通訊作者), Yuh-Ming Huang, and Ming-Yi Yen (2020, Aug). Nitrogen uptake and growth of white clover inoculated with indigenous and exotic Rhizobium strains. Journal of Plant Nutrition, 43(13),2013-2027.
段淑人 (外系委員) (候補 7)	■是 □否	■於各學院認可之國際期刊發表論文〔含發明專利、新品種育成、技術移轉等成果〕三篇(件)(第一作者或通訊作者)以上。文學院、管理學院及法政學院包含科技部各學門之一級期刊或國際期刊對等之論文集論文二篇以上，或由具審查制度之出版單位且經院教評會審查通過出版專書一本以上。 ■ 曾主持三年以上科技部研究型計畫者。文學院、管理學院及法政學院最近五年曾主持二年以上科技部研究型計畫者。 **※相關資格條件敘明如下：** 1.國際期刊發表論文（*通訊作者） (1) Ding H. Y., Y. Y Lin, **S. J. Tuan***, L. C. Tang, H. Chi, R. Atlıhan, S. Özgökçe, and A. Güncan. 2021/4/16. Integrating demography, predation rate, and computer simulation for evaluation of *Orius strigicollis* as biological control agent against *Frankliniella intonsa.* Entomologia Generalis, 41(2). (2) Lin, Y. Y., W. C. Liu, Y. T. Hsu, C. H. Hsu, C. C. Hu, P. Saska, J. Skuhrovec, and **S. J. Tuan***.2021/4/22. Direct and knock-on effects of water stress on the nutrient contents of *Triticum aestivum* (Poales: Poaceae) and population growth of *Rhopalosiphum padi* (Hemiptera: Aphididae). Journal of Economic Entomology (in press); online, doi: 10.1093/jee/toab069. (3) Hung,Y. T., C. C. S. Yang, P. Saska, and **S. J. Tuan***.2021/6. Comparison of artificial diets and natural prey for mass rearing of *Orius strigicollis* (Hemiptera: Anthocoridae) using demographic characteristics to optimize cost-efficiency. Journal of Economic Entomology (in press); online, doi: 10.1093/jee/toab112. (4) Liu, F. L., P. Rugman-Jones, Y. C. Liao, V. Fernandez, I. Chien, C. Dodge, M. F. Cooperband, **S. J. Tuan***, and R. Stouthamer*. 2022/4/10. The Attractiveness of α-Copaene to Members of the *Euwallacea fornicatus* (Coleoptera: Curculionidae) Species Complex in California and Taiwan. J. Econ. Entomol. 115(1): 116–123; online, doi: 10.1093/jee/toab232. (5) Ya-Ying Lin, Cheng-Kang Tang, Pavel Saska, Ali Güncan, May-Chi Yao, **Shu-Jen Tuan*.** 2023/1. Demographic characteristics of *Cadra cautella* on brown rice at different temperatures: Do diapausing individuals contribute to population growth rate? Journal of Stored Products Research. Available on line Jan. 2023. https://doi.org/10.1016/j.jspr.2022.102073 (6) Liao, Y. C., F. L Liu, P. Rugman-Jones1, D. Husein1, H. H Liang, Y. H. Yang, C. Y Lee, L. Y. Liu, **S. J. Tuan***, and R. Stouthamer*. 2023/3. The *Euwallacea fornicatus* species complex (Coleoptera: Curculionidae); emerging economic pests of tea in Taiwan. Crop protection 168 (Availableonline13 March, 2023) 106226. **(共同通訊作者)** (7) Yi-Ting Hung, Adam Chun-Nin Wong, Cheng-Kang Tang, Ming-Cheng Wu*, and **Shu-Jen Tuan*.** 2024/9. Impact of diet and bacterial supplementation regimes on *O. strigicollis* microbiota and life history performance. Scientific Reports, (2025) 15:15808, https://doi.org/10.1038/s41598-025-00567-5. **(共同通訊作者)** (8) Yi-Ting Hung, Cheng-Kang Tang, Yi-Ting Chung, Wei-Han Lai, Han-Yan Ding, Ali Güncan, Pavel Saska , and **Shu-Jen Tuan*.** 2025/6. Impact of prey species, host plant, and predator sex on the functional response of *Orius strigicollis*. Scientific Reports | (2025) 15:15808, https://doi.org/10.1038/s41598-025-00567-5

		2.國科會計畫 (1) 有益腸道菌做為人工飼料添加劑對南方小黑花椿象 (*Orius strigicollis*)族群增長促進作用之研發與天敵量產效益評估(編號: 110-2313-B-005-018-MY3), 110/08/01~113/07/31. (2) 結合植食性昆蟲刺吸行為及作物抗蟲機制探討湛水逆境下小麥苗期生理性狀改變後對稻麥蚜生物及族群特性之影響 (編號: 113-2313-B-005-023), 113/08/01~114/07/31.
楊靜瑩 (外系委員) (候補 8)	■是 □否	■於各學院認可之國際期刊發表論文〔含發明專利、新品種育成、技術移轉等成果〕三篇(件)(第一作者或通訊作者)以上。文學院、管理學院及法政學院包含國科會各學門之一級期刊或國際期刊對等之論文集論文二篇以上，或由具審查制度之出版單位且經院教評會審查通過出版專書一本以上。 ■曾主持三年以上國科會研究型計畫者。文學院、管理學院及法政學院最近五年曾主持二年以上國科會研究型計畫者。 ※相關資格條件敘明如下： 國際期刊發表論文: 1. Chin-Ying Yang*, Yan-Ci Zhang, and Ya-Ling Hou 2025.1 Assessing water status in rice plants in water-deficient environments using thermal imaging. Bot. Stud. 66(1):6 2. Hsin-Yu Chi, Shang-Ling Ou, Mao-Chang Wang, and Chin-Ying Yang* 2023.7 Physiological responses and Ethylene-Response AP2/ERF Factor expression in Indica rice seedlings subjected to submergence and osmotic stress. BMC Plant Biol. 23: 372. 3. Dong-Hong Wu, Chung-Tse Chen, Ming-Der Yang, Yi-Chien Wu, Chia-Yu Lin, Ming-Hsin Lai and Chin-Ying Yang* 2022.8 Controlling the lodging risk of rice based on a plant height dynamic model. Bot. Stud. 63: 25. 4. Chung-Tse Chen, Chin-Ying Yang* and Jason T. C. Tzen* 2022.7 Molecular characterization of polyphenol oxidase between small and large leaf tea cultivars. Sci. Rep. 12: 12870. 5. Guan-Sin Li, Dong-Hong Wu, Yuan-Chih Su, Bo-Jein Kuo, Ming-Der Yang, Ming-Hsin Lai, Hsiu-Ying Lu and Chin-Ying Yang* 2021.8 Prediction of plant nutrition state of rice under water-saving cultivation and panicle fertilization application decision making. Agronomy 11: 1626. 6. Chung-Tse Chen, Chun-Tang Lu, Jason T. C. Tzen and Chin-Ying Yang* 2021.5 Physiological properties and molecular regulation in different edamame cultivars under drought stress. Agronomy 11: 939. 7. Yu-Syuan Li, Shang-Ling Ou and Chin-Ying Yang* 2020.8 The seedlings of different japonica rice varieties exhibit differ physiological properties to modulate plant survival rates under submergence stress. Plants 9: 982. 國科會研究型計畫： 1.放射誘變國產毛豆重要品種之抗氣候逆境品系選育及分子特性探討 114-NU-E-005-001-NU, 2025/01/01-2025/12/31 2.放射誘變在毛豆適應極端氣候育種之研究 II113-NU-E-005-002-NU, 2024/01/01-2024/12/31 3.放射誘變在毛豆適應極端氣候育種之研究 112-NU-E-005-001-NU, 2023/01/01~2023/12/31
孟孟孝 (外系委員) (候補 9)	■是 □否	□於各學院認可之國際期刊發表論文〔含發明專利、新品種育成、技術移轉等成果〕三篇(件)(第一作者或通訊作者)以上。文學院、管理學院及法政學院包含國科會各學門之一級期刊或國際期刊對等之論文集論文二篇以上，或由具審查制度之出版單位且經院教評會審查通過出版專書一本以上。 ■曾主持三年以上國科會研究型計畫者。文學院、管理學院及法政學院最近五年曾主持二年以上國科會研究型計畫者。 ※相關資格條件敘明如下： 國科會研究型計畫： 1.來自 Burkholderia gladioli BBB-01 的新穎性抗生素的研究(2/3)(113-2313-B-005-003-) 2024/08/01~2025/07/31 2.來自 Burkholderia gladioli BBB-01 的新穎性抗生素的研究(1/3)(112-2313-B-005-053-) 2023/08/01~2024/07/31 3.利用蛋白質工程技術強化蛋白酶BYGA_1903在胃的環境下水解抗原性麩質胜?的效率(109-2313-B-005-018-MY3) 2020/08/01~2023/07/31
王升陽 (外系委員) (候補 10)	■是 □否	■於各學院認可之國際期刊發表論文〔含發明專利、新品種育成、技術移轉等成果〕三篇(件)(第一作者或通訊作者)以上。文學院、管理學院及法政學院包含國科會各學門之一級期刊或國際期刊對等之論文集論文二篇以上，或由具審查制度之出版單位且經院教評會審查通過出版專書一本以上。 ■曾主持三年以上國科會研究型計畫者。文學院、管理學院及法政學院最近五年曾主持二年以上國科會研究型計畫者。 ※相關資格條件敘明如下： 國際期刊發表論文: 1. Xu, M -R., C. -H. Lin, C. H. Wang, S. -Y. Wang* 2024. Investigate the metabolic changes in

		intestinal diseases by employing a ^{1}H-NMR-based metabolomics approach on Caco-2 cells treated with cedrol. BioFactors 51: e2132. (SCI) (通訊作者) 2. Senthil Kumar, K. J., M. Gokila Vani, G. Dakpa, S. -Y. Wang* 2024. Dietary limonene promotes gastrointestinal barrier function via upregulating tight/adherens junction proteins through cannabinoid receptor type-1 antagonistic mechanism and alters cellular metabolism in intestinal epithelial cells. BioFactors 51: e2106. (SCI) (通訊作者) 3. Dakpa, G., K. J. Senthil Kumar, N. -W. Tsao, S. -Y. Wang* 2023. Antcin A, a phytosterol regulates SARS-CoV-2 spike protein-mediated metabolic alteration in THP-1 cells explored by the ^{1}H-NMR-based metabolomics approach. Phytotherapy Research 37: 885–902. (SCI) (通訊作者) ■曾主持三年以上國科會研究型計畫者。文學院、管理學院及法政學院最近五年曾主持二年以上國科會研究型計畫者。 一、科技部計畫 1. 爭一口氣 - 探索本土植物精油於提升能量代謝功能活性之應用其對腸道菌叢調節之影響 (編號NSTC 112-2313-B-005-018 -MY32023/08/01~2026/07/31) 2. 森林揮發性成分對慢性溫和壓力誘導小鼠之腦－腸軸線調節功能機制探討（編號 109-2313-B-005-043-MY3；2019/08/01~2023/07/31）

附註：

一、國立中興大學各系（所）教師評審委員會組織章程第2條第3項規定：「第一項推(遴)選委員資格應有下列條件之一：一、最近五年於各學院認可之國際期刊發表論文〔含發明專利、新品種育成、技術移轉等成果〕三篇(件)(第一作者或通訊作者)以上。文學院、管理學院及法政學院包含國科會各學門之一級期刊或國際期刊對等之論文集論文二篇以上，或由具審查制度之出版單位且經院教評會審查通過出版專書一本以上。二、最近五年曾主持三年以上國科會研究型計畫者。文學院、管理學院及法政學院最近五年曾主持二年以上國科會研究型計畫者。」又第4項規定：「系主任(所長、室主任、中心主任、學位學程主任)如未具有前項推（遴）選委員之資格，應由委員會推選委員一人擔任召集人。」

二、依本校系(所)教師評審委員會組織章程第2條第2項規定，委員須為未曾因違反學術倫理受校教評會處分者；另依本校教授副教授休假研究辦法第11條第2項規定，原擔任本校各委員會委員，在教師休假期間不得繼續擔任該職務。

三、請依符合之條件敘明相關內容：

1. 於各學院認可之國際期刊發表論文：請敘明作者、論文名稱、出版處所、出版年月、頁次。
2. 專書一本(含)以上(文學院、管理學院及法政學院)：請敘明作者、專書名稱、出版處所、出版年月。
3. 曾主持國科會研究型計畫者：請敘明計畫名稱、時間。

四、本表若不敷使用請自行增加列數，並請註記頁次。

自行檢核事項：

1. 教評會委員人數：7 人，其中教授人數：7 人。
2. 是否符合具教授資格之委員應佔全體委員三分之二以上，且人數至少五人：■是□否
3. 主任(所長、室主任、中心主任、學位學程主任)是否具有各系（所）教師評審委員會組織章程第2條第3項規定之推（遴）選委員資格：■是□否（填「否」者，請依規定由委員會推選委員一人擔任召集人。）

系(所、室、中心、學位學程)主管簽章：教授兼植物病理學系系主任 陳珮臻