

出版年月	著作類別	著作名稱	作者	收錄出處
2025-12	期刊論文	Comparative genomics analyses reveal genomic variation and evolutionary adaptation in <i>Dendrobium</i> orchids	Chen, B.J., Wang, J.Y., Niu, S.C., Chen, Q., Chen, X.F., Zheng, P.J., Liang, Y.M., Li, K.L., Zheng, Z., Liang, Y., Zhang, C., Zhao, X., Li, J., He, X., Wang, L., Huang, Y., Zheng, Q., Zhang, M.M., Chen, D., Zhou, C.Y., Zeng, M.Y., Zhou, Z., Huang, M.Z., Zhao, Z., Peng, D.H., He, Z.H., Zou, L.H., Han, B., Tsai, W.C., Lan, S., Zhang, Z.Q., Liu, Z.J., Xu, Q.	Nature Communications
2025-10	期刊論文	NoAC: an automatic builder for knowledge bases and query interfaces on genomes of non-model organisms	Yang, T.H., Chen, Y.Y., Liao, C.C., Zheng, H.C., Hsieh, C.L., Chen, J.S., Tsai, W.C., Tseng, Y.Y., Wu, W.S.	Journal of Molecular Biology
2025-01	期刊論文	OrchidBase 6.0: Increasing the number of <i>Cymbidium</i> (Orchidaceae) genomes and new bioinformatic tools for orchid	Chen, Y.Y., Sun, Y., Li, C.I., Lin, S.T., Zheng, H.C., Zhang, Z.B., Lee, B.R., Hsieh, C.L., Hsiao, Y.Y., Chow, C.N., Yang, C.W., Chang, W.C., Chen, H., Yang, F.X., Zhu, G.F., Zheng,	BMC Plant Biology

		genome analysis	Q., Zhou, C.Y., Zhao, Z., Ai, Y., Wang, L.Y., Chen, D., He, X., Huang, M.Z., Peng, D.H., Yu, H., Lan, S., Liu, Z.J., Wu, W.S., Tsai, W.C.	
2024-02	期刊論文	Wolfberry Genome Database (WGDB): integrated genomic datasets for molecular biology study	Cao, Y.L., Chen, Y.Y., Li, Y.L., Li, C.I., Lin, S.T., Lee, B.R., Hsieh, C.L., Hsiao, Y.Y., Fan, Y.F., Luo, Q., Zhao, J.H., Yin, Y., An, W., Shi, Z.G., Chow, C.N., Chang, W.C., Huang, C.L., Chang, W.H., Liu, Z.J., Wu, W.S., Tsai, W.C.	Frontier in Plant Science
2023-11	期刊論文	Exploration of the truncated cytosolic Hsp70 in plants - unveiling the diverse T1 lineage and the conserved T2 lineage	72. Chen, Y.J., Cheng, S.Y., Liu, C.H., Tsai, W.C., Wu, H.H., Huang, M.D.	Frontier in Plant Science
2023-06	期刊論文	Diploid and tetraploid genomes of Acorus and the evolution of monocots.	Ma L., Liu .KW., Li Z., Hsiao Y.Y., Qi Y., Fu T., Tang G.D., Zhang D., Sun W.H., Liu D.K., Li Y., Chen G.Z., Liu X.D., Liao X.Y., Jiang Y.T., Yu X., Hao Y., Huang J., Zhao X.W., Ke S., Chen Y.Y., Wu W.L., Hsu J.L., Lin Y.F., Huang M.D., Li	Nature Communications

			C.Y., Huang L., Wang Z.W., Zhao X., Zhong W.Y., Peng D.H., Ahmad S., Lan S., Zhang J.S., Tsai W.C.* , Van de Peer Y*, Liu Z.J.*	
2023-02	期刊論文	PbABCG1 and PbABCG2 transporters are required for the emission of floral monoterpenes in <i>Phalaenopsis bellina</i>	Chang, Y.L., Huang, L.M., Kuo,X.Z., Chen, Y.Y., Li, S.T., Jeng, M.F., Yeh, H.H., Tsai, W.C., Chen, H.H.	The Plant Journal
2022-12	期刊論文	OrchidBase 5.0: updates to knowledgebase of the orchid genomes.	Chen, Y.Y., Li, C.I., Hsiao, Y.Y., Ho, S.Y., Zhang, Z.B., Liao, C.C., Lee, B.R., Lin, S.T., Wu, W.L., Wang, J.S., Zhang, D., Liu, K.W., Liu, D.K., Zhao, X.W., Li, Y.Y., Ke, S.J., Zhou, Z., Huang, M.Z., Wu, Y.S., Peng, D.H., Lan, S.R., Chen, H.H., Liu, Z.J., Wu, W.S., Tsai, W.C.*	BMC Plant Biology
2022-04	期刊論文	Deletion and tandem duplications of biosynthetic genes drive the diversity of triterpenoids in <i>Aralia elata</i>	Wang, Y., Zhang, H., Ri, H.C., An, Z.S, Wang, X., Zhou, J.N., Zheng, D., Wu, H., Wang, P., Yang, J., Liu, D.K., Zhang, D., Tsai, W.C., Xue,	Nature Communications

			Z., Xu, Z., Zhang, P., Liu, Z.J., Shen, H., Li, Y.	
2022-04	期刊論文	Genomes of leafy and leafless Platanthera orchids provide insights into the evolution of mycoheterotrophy	Li, M.H., Liu, K.W., Li, Z., Lu, H.C., Ye, Q.L., Zhang, D., Wang, J.Y., Li, Y.F., Zhong, Z.M., Liu, X., Yu, X., Liu, D.K., Tu, X.D., Liu, B., Hao, Y., Liao, X.Y., Jiang, Y.T., Sun, W.H., Chen, J., Chen, Y.Q., Ai, Y., Zhai, J.W., Wu, S.S., Zhou, Z., Hsiao, Y.Y., Wu, W.J., Chen, Y.Y., Lin, Y.F., Hsu, J.L., Li, C.Y., Wang, Z.W., Zhao, X., Zhong, W.Y., Ma, X.K., Ma, L., Huang, J., Chen, G.Z., Huang, M.Z., Huang, L., Peng, D.H., Luo, Y.B., Zou, S.Q., Chen, S.P., Lan, S., Tsai, W.C.*, Van de Peer, Y. and Liu, Z.J.	Nature Plants
2021-12	期刊論文	Comparative analysis of Phytophthora genomes data	Gao, R.F., Wang, J.Y., Liu, K.W., Wang, Z.W., Zhang, D., Zhao, X., Zhong, W.Y., Tsai, W.C.*, Liu, Z.J., Zhang, G.M.	Data in Brief
2021-09	期刊論文	R2R3-MYB genes coordinate petal conical cell development and	Lu, H.C., Lam, S.H., Zhang, D., Hsiao, Y.Y., Li, B.J., Niu, S.C., Li, C.Y., Lan, S.R., Tsai, W.C.*	Plant Physiology

		cuticular wax biosynthesis in Phalaenopsis orchid	and Liu, Z.J.	
2021-08	期刊論文	OrchidBase 4.0: a database for orchid genomics and molecular biology	Hsiao, Y.Y., Fu, C.H., Ho, S.Y., Li, C.I., Chen, Y.Y., Wu, W.L., Wang, J.S., Zhang, D.Y., Hu, W.Q., Yu, X., Sun, W.H., Zhou, Z., Liu, K.W., Huang, L., Lan, S.R., Chen, H.H., Wu, W.S., Liu, Z.J., Tsai, W.C.*	BMC Plant Biology
2021-08	期刊論文	The genome of Cymbidium sinense revealed the evolution of orchid traits	Yang, F.X., Gao, J., Wei, Y.L., Ren, R., Zhang, G.Q., Lu, C.Q., Jin, J.P., Ai, Y., Wang, Y.Q., Chen, L.J., Ahmad, S., Zhang, D.Y., Sun, W.H., Tsai, W.C.*, Liu, Z.J. and Zhu, G.F.	Plant Biotechnology Journal
2021-06	期刊論文	Wolfberry genomes and the evolution of Lycium	Cao, Y.L, Li, Y.L, Fan, Y.F., Li, Z., Yoshida, K., Wang, J.Y., Ma, X.K., Wang, N., Mitsuda, N., Kotake, T., Ishimizu, T., Tsai, K.C., Niu, S.C., Zhang, D., Sun, W.H., Luo, Q., Zhao, J.H., Yin, Y., Zhang, B., Wang, J.Y., Qin, K., An, W., He, J., Dai, G.L., Wang, Y.J., Shi, Z.G., Jiao,	Communications Biology

			E.N., Wu, P.J., Liu, X., Liu, B., Liao, X.Y., Jiang, Y.T., Yu, X., Hao, Y., Xu, X.Y., Li, M.H., Hsiao, Y.Y., Lin, Y.F., Liang, C.K., Chen, Y.Y., Wu, W.L., Lu, H.C., Lan, S.R., Wang, Z.W., Zhao, X., Zhong, W.Y., Yeh, C.M., Tsai, W.C.*, Van de Peer, Y., Liu, Z.J.	
2021-05	期刊論文	The ancestral duplicated DL/CRC orthologs, PeDL1 and PeDL2, function in orchid reproductive organ innovation	Chen, Y. Y., Hsiao, Y. Y., Li, C. I., Yeh, C. M., Mitsuda, N., Yang, H. X., Chiu, C. C., Chang, S. B., Liu, Z. J., Tsai, W. C.*	Journal of Experimental Botany
2021-02	期刊論文	Comparative analysis of Phytophthora genomes reveals oomycete pathogenesis in crops	Gao, R.F., Wang, J.Y., Liu, K.W., Yoshida, K., Hsiao, Y.Y., Shi, Y.X., Tsai, K.C., Chen, Y.Y., Mitsuda, N., Liang, C.K., Wang, Z.W., Wang Y., Zhang, D.Y., Huang, L., Zhao, X., Zhong, W.Y., Cheng, Y.H., Jiang, Z.D., Li, M.H., Sun, W.H., Yu, X., Hu, W., Zhou, Z., Zhou, X.F., Yeh, C.M., Katoh, K., Tsai, W.C.*, Liu, Z.J., Martin, F. and Zhang, G.M.	Heliyon

2021-01	期刊論文	Orchid Bsister gene PeMADS28 displays conserved function in ovule integument development	Shen, C.Y., Chen Y.Y., Liu, K.W., Lu, H.C., Chang, S.B., Hsiao, Y.Y., Yang, F., Zhu, G., Zou, S.Q., Huang, L.Q., Liu, Z.J. and Tsai, W.C.*	Scientific Reports
2020-11	期刊論文	Identification of high-copy number long terminal repeat retrotransposons and their expansion in Phalaenopsis orchids	Hsu, C.C., Chen, S.Y., Lai, P.H., Hsiao, Y.Y., Tsai, W.C., Liu, Z.J., Chung, M.C., Panaud, O. and Chen, H.H	BMC Genomics
2020-08	期刊論文	Genome-wide identification of YABBY genes in Orchidaceae and their expression patterns in Phalaenopsis orchid.	Chen, Y. Y., Hsiao, Y. Y., Chang, S. B., Zhang, D., Lan, S. R., Liu, Z. J. and Tsai, W. C.*	Genes (Basel)
2020-06	期刊論文	Expression regulation of MALATE SYNTHASE involved in glyoxylate cycle during protocorm development in Phalaenopsis aphrodite (Orchidaceae)	Wu, W.L., Hsiao, Y.Y., Lu, H.C., Liang, C.K., Fu, C.H., Huang, T.H., Chuang, M.H., Chen, L.J., Liu, Z.J. and Tsai, W.C.*	Scientific Reports

2020-06	期刊論文	The genome sequence of star fruit (<i>Averrhoa carambola</i>)	Wu, S., Sun, W., Xu, Z.š, Zhai, J.š, Li, X, Li, C., Dai, Z., Wu, X., Shen, L., Chen, J, Ren, H., Dai, X., Dai, Z., Zhao, Y., Chen, L., Cao, M., Xie, X., Liu, X., Peng, D., Dong, J., Hsiao, Y.Y., Chen, S.L., Tsai, W.C.*, Lan, S. and Liu, Z.J.	Horticultural Research
2020-05	期刊論文	Chromosome-scale assembly of the <i>Kandelia obovata</i> genome	Hu, M.J., Sun, W.H., Tsai, W.C., Xiang, S., Lai, X.K., Chen, D.Q., Liu, X.D., Wang, Y.F., Le, Y.X., Chen, S.M., Zhang, D.Y., Yu, X., Hu, W.Q., Zhou, Z., Chen, Y.Q., Zou, S.Q. and Liu, Z.J.	Horticultural Research
2020-04	期刊論文	The <i>Litsea</i> genome and the evolution of the laurel family	Chen, Y.C., Li, Z., Zhao, Y.X., Gao, M., Wang, J.Y., Liu, K.W., Wang, X., Wu, L.W., Jiao, Y.L., Xu, Z.L., He, W.G., Zhang, Q.Y., Liang, C.K., Hsiao, Y.Y., Zhang, D.Y., Lan, S.R., Huang, L, Xu, W., Tsai, W.C., Liu, Z.J., Van de Peer, Y. and Wang, Y.D.	Nature Communications
2020-02	期刊論文	New insight into the molecular	Li, B.J., Zheng, B.Q., Wang, J.Y., Tsai, W.C.,	Communications Biology

		mechanism of floral colour differentiation among perianth and lip segments in orchids	Lu, H.S., Zou, L.H., Wan, X., Zhang, D.Y., Qian, H.J., Liu, Z.J. and Wang, Y.	
2019-12	期刊論文	Comparative transcriptomics provides insight into floral color polymorphism in a <i>Pleione limprichtii</i> orchid population	Zhang, Y., Zhou, T., Dai, Z., Dai, X., Li., W., Cao, M., Li, C., Tsai, W.C., Wu, X., Zhai, J., Liu, Z. and Wu, S.	International Journal of Molecular Sciences
2019-08	期刊論文	RNA sequencing analysis of <i>Cymbidium goeringii</i> identifies floral scent biosynthesis related genes	Ramya, M., Park, P.H., Chuang, Y.C., Kwon, O.K., An, H.R., Park, P.M., Baek, Y.S., Kang, B.C., Tsai, W.C. and Chen, H.H.	BMC Plant Biology
2019-07	期刊論文	Multivariate analysis reveals phenotypic diversity of <i>Euscaphis japonica</i> population	Sun, W., Yuan, X., Liu, Z.J., Lan, S.R., Tsai, W.C. and Zou, S.Q.	PLoS ONE
2019-02	期刊論文	New insights into the symbiotic relationship between orchid and fungus	Yeh, C.M., Chung, K., Liang, C.K., and Tsai, W.C.	Applied Sciences

2019-01	期刊論文	PePIF1, a P-lineage of PIF-like transposable element identified in protocorm-like bodies of <i>Phalaenopsis</i> orchids	Hsu CC, Lai PH, Chen TC, Tsai WC, Hsu JL, Hsiao YY, Wu WL, Tsai CH, Chen WH, Chen HH.	BMC Genomics
2018-08	期刊論文	PbbHLH4 regulates floral monoterpene biosynthesis in <i>Phalaenopsis</i> orchids	Chuang YC, Hung YC, Tsai WC, Chen WH, Chen HH.	Journal of Experimental Botany
2018-06	期刊論文	A dual repeat cis-element determines expression of GERANYL DIPHOSPHATE SYNTHASE for monoterpene production in <i>Phalaenopsis</i> orchids	Chuang YC, Hung YC, Hsu CY, Yeh CM, Mitsuda N, Ohme-Takagi M, Tsai WC, Chen WH, Chen HH.	Frontiers in Plant Science
2018-01	期刊論文	Advanced applications of next-generation sequencing technologies to orchid biology	Yeh, C.M., Liu, Z.J. and Tsai, W.C.	Current Issues in Molecular Biology
2017-12	期刊論文	Post genomics era for orchid	Tsai, W.C., Dievart, A., Hsu, C.C., Hsiao, Y.Y.,	Botanical Studies

		research	Chiou, S.Y., Huang, H., Chen, H.H.	
2017-09	期刊論文	The Apostasia genome and the evolution of orchids	Zhang, G.Q., Liu, K.W., Li, Z., Lohaus, R., Hsiao, Y.Y., Niu, S.C., Wang, J.Y., Lin, Y.C., Xu, Q., Chen, L.J., Yoshida, K., Fujiwara, S., Wang, Z.W., Zhang, Y.Q., Mitsuda, N., Wang, M., Liu, G.H., Pecoraro, L., Huang, H.X., Xiao, X.J., Lin, M., Wu, X.Y., Wu, W.L., Chen, Y.Y., Chang, S.B., Sakamoto, S., Ohme-Takagi, M., Yagi, M., Zeng, S.J., Shen, C.Y., Yeh, C.M., Luo, Y.B., Tsai, W.C., Van de Peer, Y., Liu, Z.J.	Nature
2017-01	期刊論文	Current understanding on the roles of ethylene in plant responses to phosphate deficiency	Yeh, C.M., Ohme-Takagi, M., and Tsai, W.C.	International Journal of Plant Biology & Research
2016-10	期刊論文	De novo transcriptome assembly databases in the butterfly orchid <i>Phalaenopsis equestris</i>	Niu, S.C., Xu, Q., Zhang, G.Q., Zhang, Y.Q., Tsai, W.C., Hsu, J.L., Liang, C.K., Luo, Y.B. and Liu, Z.J.	Scientific Data

2016-08	期刊論文	Genome-wide identification and characterization of TCP genes involved in ovule development of <i>Phalaenopsis equestris</i> .	Lin, Y.F., Chen, Y.Y., Hsiao, Y.Y., Shen, C.Y., Hsu, J.L., Yeh, C.M., Mitsuda, N., Ohme-Takagi, M., Liu, Z.J. and Tsai, W.C.	Journal of Experimental Botany
2016-08	期刊論文	Proteomic insights into floral biology	Li, X., Jackson, A., Xie, M., Wu, D., Tsai, W.C., and Zhang, S.	Biochimica et Biophysica Acta - Proteins and Proteomics
2016-01	期刊論文	The <i>Dendrobium catenatum</i> Lindl. genome sequence provides insights into polysaccharide synthase, flower development and adaptive evolution.	Zhang, G.Q., Xu, Q., Bian, C., Tsai, W.C., Yeh, C.M., Liu, K.W., Yoshida, K., Zhang, L.S., Chang, S.B., Chen, F., Shi, Y., Su, Y.Y., Zhang, Y.Q., Chen, L.J., Yin, Y., Lin, M., Huang, H., Deng, H., Wang, Z.W., Zhu, S.L., Zhao, X., Deng, C., Niu, S.C., Huang, J., Wang, M., Liu, G.H., Yang, H.J., Xiao, X.J., Hsiao, Y.Y., Wu, W.L., Chen, Y.Y., Mitsuda, N., Ohme-Takagi, M., Luo, Y.B., Van de Peer, Y., Liu, Z.J.	Scientific Reports
2015-05	期刊論文	Three R2R3-MYB transcription	Hsu, C.C., Chen, Y.Y., Tsai, W.C., Chen, W.H.,	Plant Physiology

		factors regulated distinct floral pigmentation patterning in <i>Phalaenopsis</i> orchids	Chen, H.H.	
2015-01	期刊論文	The genome sequence of the orchid <i>Phalaenopsis equestris</i>	Cai, J., Liu, X., Vanneste, K., Proost, S., Tsai, W.C., Liu, K.W., Chen, L.J., He, Y., Xu, Q., Bian, C., Zheng, Z., Sun, F., Liu, W., Hsiao, Y.Y., Pan, Z.J., Hsu, C.C., Yang, Y.P., Hsu, Y.C., Chuang, Y.C., Dievart, A., Dufayard, J.F., Xu, X., Wang, J.Y., Wang, J., Xiao, X.J., Zhao, X.M., Du, R., Zhang, G.Q., Wang, M., Su, Y.Y., Xie, G.C., Liu, G.H., Li, L.Q., Huang, L.Q., Luo, Y.B., Chen, H.H., Van de Peer, Liu, Z.J. 2015.	Nature Genetics
2014-12	期刊論文	Histone acetylation accompanied with promoter sequences displaying differential expression profiles of B-class MADS-box genes for <i>Phalaenopsis</i> floral morphogenesis	Hsu, C.C., Wu, P.S., Chen, T.C., Yu, C.W., Tsai, W.C., Wu, K., Wu, W.L., Chen, W.H., and Chen, H.H.	PLoS ONE

2014-08	期刊論文	New insight into the regulation of floral morphogenesis	Tsai, W.C., Pan, Z. J., Su, Y.Y. and Liu, Z.J.	International Review of Cell and Molecular Biology
2014-07	期刊論文	Evolution and function of the MADS-box genes involved in orchid floral development	Tsai, W.C., Pan, Z.J., Hsiao, Y.Y., Chen, L.J. and Liu, Z.J.	Journal of Systematics and Evolution
2014-05	期刊論文	Flower development of Phalaenopsis orchid involves functionally divergent SEPALLATA-like genes	Pan, Z.J., Chen, Y.I., Du, J.S., Chen, Y.Y., Chung, M.C., Tsai, W.C., Wang, C.L. and Chen, H.H.	New Phytologist
2013-04	期刊論文	A new molecular phylogeny and a new genus, Pendulorchis, of the Aerides–Vanda alliance (Orchidaceae: Epidendroideae)	Zhang, G.Q., Liu, K.W., Chen, L.J., Xiao, X.J., Zhai, J.W., Li, L.Q., Cai, J., Hsiao, Y.Y., Rao, W.H., Huang, J., Ma, X.Y., Chung, S.W., Huang, L.Q., Tsai, W.C.* and Liu, Z.J.	PLoS One
2013-04	期刊論文	A new orchid Genus, Danxiaorchis, and phylogenetic analysis of the tribe Calypsoeae	Zhai, J.W., Zhang, G.Q., Chen, L.J., Xiao, X.J., Liu, K.W., Tsai, W.C., Hsiao, Y.Y., Tian, H.Z., Zhu, J.Q., Wang, M.N., Wang, F.G., Xing, F.W.	PLoS One

			and Liu, Z.J.	
2013-04	期刊論文	Transcriptomic analysis of floral organs from <i>Phalaenopsis</i> orchid by using oligonucleotide microarray	Hsiao, Y.Y., Huang, T.H., Fu, C.H., Huang, S.C., Chen, Y.J., Huang, Y.M., Chen, W.H., Tsai, W.C.* and Chen, H.H.	Gene
2013-02	期刊論文	OrchidBase 2.0: Comprehensive collection of Orchidaceae floral transcriptomes	Tsai, W.C., Fu, C.H., Hsiao, Y.Y., Huang, Y.M., Chen, L.J., Liu, Z.J., Chen, H.H.	Plant and Cell Physiology
2012-03	期刊論文	C- and D-class MADS-box genes from <i>Phalaenopsis equestris</i> (Orchidaceae) display functions in gynostemium and ovule development	Chen, Y.Y., Lee, P.F., Hsiao, Y.Y., Wu, W.L., Pan, Z.J., Lee, Y.I., Liu, K.W., Chen, L.J., Liu, Z.J. and Tsai, W.C.	Plant and Cell Physiology
2012-01	期刊論文	Predicted disappearance of <i>Cephalantheropsis obcordata</i> in Luofu Mountain due to changes in rainfall patterns	Xiao, X.J., Liu, K.W., Zheng, Y.Y., Zhang, Y.T., Tsai, W.C., Hsiao, Y.Y., Chen, L.J. and Liu, Z.J.	PLoS ONE

2012---		A mutator-like transposable element is differential expressed in <i>Phalaenopsis</i> Hsiang Fei cv. H.F. somaclonal variant	Tsai, W.C.	
2012-	期刊論文	The anther steps onto the stigma for self-fertilization in a slipper orchid	Chen, L.J., Liu, K.W., Xiao, X.J., Tsai, W.C., Hsiao, Y.Y., Huang, J. and Liu, Z.J.	PLoS ONE
2011-11	期刊論文	<i>Paraholcoglossum</i> and <i>Tsiorchis</i> , two new orchid genera established by molecular and morphological analyses of the <i>Holcoglossum</i> alliance	Liu, Z.J., Chen, L.J., Chen, S.C., Cai, J., Tsai, W.C., Hsiao, Y.Y., Rao, W.H., Ma, X.Y., and Zhang, G.Q.	PLoS One
2011-09	期刊論文	Research on orchid biology and biotechnology	Hsiao, Y.Y., Pan, Z.J., Hsu, C.C., Yang, Y.P., Hsu, Y.C., Chuang, Y.C., Shih, H.H., Chen, W.H., Tsai, W.C.*, and Chen, H.H.	Plant and Cell Physiology
2011-09	期刊論文	The duplicated B-class MADS-box genes display dualistic characters in orchid floral organ identity and	Pan, Z.J., Cheng, C.C., Tsai, W.C., Chung, M.C., Chen, W.H., Hu, J.M., and Chen, H.H.	Plant and Cell Physiology

		growth		
2011-07	期刊論文	Gene discovery using next-generation pyrosequencing to develop ESTs for Phalaenopsis orchid	Hsiao, Y.Y., Chen, Y.W., Huang, S.C., Pan, Z.J., Fu, C.H., Chen, W.H., Tsai, W.C.*, and Chen, H.H.	BMC Genomics
2011-03	期刊論文	Duplicated C-class MADS-box genes reveal distinct roles in gynostemium development in Cymbidium ensifolium (Orchidaceae)	Wang, S.Y., Lee, P.F., Lee, Y.I., Hsiao, Y.Y., Chen, Y.Y., Pan, Z.J., Liu, Z.J., and Tsai, W.C.	Plant and Cell Physiology
2011-02	期刊論文	OrchidBase: A collection of sequences of transcriptome derived from orchids	Fu, C.H., Chen, Y.W., Hsiao, Y.Y., Pan, Z.J., Liu, Z.J., Huang, Y.M., Tsai, W.C.*, and Chen, H.H.	Plant and Cell Physiology
2011-01	期刊論文	An overview of Phalaenopsis orchid genome through BAC end sequence analysis	Hsu, C.C., Chung, Y.L., Lee, Y.L., Kuo, Y.T., Chen, T.C., Tsai, W.C., Hsiao, Y.Y., Chen, Y.W., Wu, W.L., and Chen, H.H.	BMC Plant Biology
2008-10	期刊論文	Molecular biology of orchid flower –	Tsai, W.C., Hsiao, Y.Y., Pan, Z.J., Hsu, C.C.,	Advances in Botanical

		with emphasis on Phalaenopsis	Yang, Y.P., Chen, W.H., and Chen, H.H.	Research
2008-09	期刊論文	Differential gene expression analysis by cDNA-AFLP between flower buds of Phalaenopsis Hsiang Fei cv. H. F. and its somaclonal variants	Hsu, T.W., Tsai, W.C., Wang, D.P., Lin, S., Hsiao, H.H., Chen, W.H., and Chen, H.H.	Plant Science
2008-07	期刊論文	The role of ethylene in orchid ovule development	Tsai, W.C., Hsiao, H.H., Pan, Z.J., Kuoh, C.S., Chen, W.H., and Chen, H.H.	Plant Science
2008-05	期刊論文	Interactions of B-class complex proteins involved in tepal development in Phalaenopsis orchid	Tsai, W.C., Pan, Z.J., Hsiao, Y.Y., Jeng, M.F., Wu, T.F., Chen, W.H., and Chen, H.H.	Plant and Cell Physiology
2008-05	期刊論文	Novel homodimeric geranyl diphosphate synthase from the orchid Phalaenopsis bellina lacking a DD(X)2-4D motif	Hsiao, Y.Y., Tsai, W.C., Jeng, M.F., Chung, Y.C., Li, C.Y., Wu, T.S., Kuoh, C.S., Chen, W.H., and Chen, H.H.	Plant Journal
2007-02	期刊論文	Strategy for functional validation of genes involved in reproductive	Lu, H.C., Chen, H.H., Tsai, W.C., Chen, W.H., Su, H.J., Chang, D.C., and Yeh, H.H.	Plant Physiology

		stages of orchid		
2006-07	期刊論文	Comparison of transcripts in <i>Phalaenopsis bellina</i> and <i>Phalaenopsis equestris</i> (Orchidaceae) flowers to deduce monoterpene biosynthesis pathway	Hsiao Y.Y., Tsai, W.C., Kuoh, C.S., Huang, T.H., Wang, H.C., Leu, Y.L., Wu, T.S., Chen, W.H. and Chen. H.H.	BMC Plant Biology
2006-07	期刊論文	The orchid MADS-box genes controlling floral morphogenesis	Tsai, W.C., and Chen, H.H.	TheScientificWorldJournal
2006-04	期刊論文	AFLP fingerprinting and conversion to sequence-tag site markers for the identification of <i>Oncidium</i> cultivars	Chen, W.H., Tseng, I.C., Tsai, W.C., Chiang, M.S., Chen, Y.H. and Chen, H.H.	Journal of Horticultural Science & Biotechnology
2006-03	期刊論文	Expression analysis of the ESTs derived from the flower buds of <i>Phalaenopsis equestris</i>	Tsai, W.C., Hsiao Y.Y., Lee, S.H., Tung, C.W., Wang, D.P., Wang, H.C., Chen, W.H. and Chen. H.H.	Plant Science
2005-07	期刊論文	PeMADS6, a GLOBOSA/PISTILLATA-like gene in <i>Phalaenopsis equestris</i>	Tsai, W.C., Lee, P.F., Chen, H.I., Hsiao, Y.Y., Wei, W.J., Pan, Z.J., Chuang, M.H., Kuoh,	Plant and Cell Physiology

		involved in petaloid formation, and correlated with flower longevity and ovary development	C.S., Chen, W.H. and Chen. H.H.	
2005-03	期刊論文	KSPF: using gene sequence patterns and data mining for biological knowledge management	Wang, H.C., Kuo, H.C., Chen, H.H., Hsiao Y.Y. and Tsai, W.C.	Expert Systems with Applications
2004-07	期刊論文	Four DEF-like MADS box genes displayed distinct floral morphogenetic roles in Phalaenopsis orchid	Tsai, W.C., Chuang, M.H., Kuoh, C.S., Chen, W.H. and Chen. H.H.	Plant and Cell Physiology