

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	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.,	BMC Plant Biology

		for orchid genome analysis	Chang, W.C., Chen, H., Yang, F.X., Zhu, G.F., Zheng, 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	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	Nature Communications

		monocots.	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 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, Z., Xu, Z., Zhang, P., Liu, Z.J., Shen, H., Li, Y.	Nature Communications
2022-04	期刊論文	Genomes of leafy and leafless <i>Platanthera</i> 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	Gao, R.F., Wang, J.Y., Liu, K.W., Wang,	Data in Brief

		Phytophthora genomes data	Z.W., Zhang, D., Zhao, X., Zhong, W.Y., Tsai, W.C.*, Liu, Z.J., Zhang, G.M.	
2021-09	期刊論文	R2R3-MYB genes coordinate petal conical cell development and cuticular wax biosynthesis in Phalaenopsis orchid	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.* and Liu, Z.J.	Plant Physiology
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	Cao, Y.L, Li, Y.L, Fan, Y.F., Li, Z., Yoshida,	Communications Biology

		of Lycium	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, 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	Gao, R.F., Wang, J.Y., Liu, K.W., Yoshida, K., Hsiao, Y.Y., Shi, Y.X., Tsai, K.C., Chen,	Heliyon

		oomycete pathogenesis in crops	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.	
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	Chen, Y. Y., Hsiao, Y. Y., Chang, S. B., Zhang, D., Lan, S. R., Liu, Z. J. and Tsai, W. C.*	Genes (Basel)

		orchid.		
2020-06	期刊論文	Expression regulation of MALATE SYNTHASE involved in glyoxylate cycle during protocorm development in <i>Phalaenopsis aphrodite</i> (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.S., Zhai, J.S., 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 Litsea 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 mechanism of floral colour differentiation among perianth and lip segments in orchids	Li, B.J., Zheng, B.Q., Wang, J.Y., Tsai, W.C., Lu, H.S., Zou, L.H., Wan, X., Zhang, D.Y., Qian, H.J., Liu, Z.J. and Wang, Y.	Communications Biology
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	Chuang YC, Hung YC, Hsu CY, Yeh CM, Mitsuda N, Ohme-Takagi M, Tsai WC, Chen WH, Chen HH.	Frontiers in Plant Science

		Phalaenopsis orchids		
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 research	Tsai, W.C., Dievart, A., Hsu, C.C., Hsiao, Y.Y., Chiou, S.Y., Huang, H., Chen, H.H.	Botanical Studies
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	Yeh, C.M., Ohme-Takagi, M., and Tsai,	International Journal of Plant

		ethylene in plant responses to phosphate deficiency	W.C.	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,	Scientific Reports

			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.	
2015-05	期刊論文	Three R2R3-MYB transcription factors regulated distinct floral pigmentation patterning in <i>Phalaenopsis</i> orchids	Hsu, C.C., Chen, Y.Y., Tsai, W.C., Chen, W.H., Chen, H.H.	Plant Physiology
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 <i>Phalaenopsis</i> 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, <i>Pendulorchis</i> , of the <i>Aerides</i> – <i>Vanda</i> 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, <i>Danxiaorchis</i> , 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. and Liu, Z.J.	PLoS One
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
2013-03	研討會論文	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. and Chen, H.H.	
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
2012-12	研討會論文	Characterization of CYCLOIDEA-like genes in <i>Phalaenopsis equestris</i>	Liao, Y.G., Chen, Y. I., Hsu, J.L., and Tsai, W.C.	
2012-12	研討會論文	Functional Characterization of CIN-	Lin, Y.F., Chen, Y.I., Hsu, J.L., and Tsai,	

		like and PCF-like gene families in Phalaenopsis	W.C.	
2012-12	研討會論文	Transcriptomic analyses of floral organs of Phalaenopsis orchid by oligonucleotide microarray	Lai, P.H., 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.	
2012-12	研討會論文	Transcriptomic analysis of floral organs from Phalaenopsis orchid by using oligonucleotide microarray	Tsai, W.C.	
2012-11	研討會論文	Current status of Phalaenopsis orchid whole genome sequencing	Tsai, W.C.	
2012-03	期刊論文	C- and D-class MADS-box genes from Phalaenopsis equestris (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 Cephalantheropsis obcordata in	Xiao, X.J., Liu, K.W., Zheng, Y.Y., Zhang, Y.T., Tsai, W.C., Hsiao, Y.Y., Chen, L.J. and Liu,	PLoS ONE

		Luofu Mountain due to changes in rainfall patterns	Z.J.	
2012---	研討會論文	A mutator-like transposable element is differential expressed in Phalaenopsis 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	Paraholcoglossum and Tsiorchis, two new orchid genera established by molecular and morphological analyses of the Holcoglossum 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 growth	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
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

2011-01	專書論文	Biosynthetic regulation on floral scent in Phalaenopsis	Hsiao, Y.Y., Tsai, W.C., Chen, W.H. and Chen, H.H.	Orchid Biotechnology II
2011-	專書論文	The relationship between ethylene and orchid ovule development	Tsai, W.C., Hsiao, Y.Y., Pan, Z.J., Chen, Y.W., and Chen, H.H.	Orchid Biotechnology II
2011-	研討會論文	An overview of Phalaenopsis orchid genome through BAC end sequence analysis	Hsu, C.C., Chung, Y.L., Lee, Y.L., Chen, T.C., Kuo, Y.T., Tsai, W.C., Hsiao, Y.Y., Chen, Y.W., Wu, W.L., and Chen, H.H.	
2011-	研討會論文	Characterization of Phalaenopsis transcriptome using massively parallel pyrosequencing	Tsai, W.C., Hsiao, Y.Y., Chen, Y.W., Huang, S.C., Pan, Z.J., Chen, W.H., and Chen, H.H.	
2011-	研討會論文	Gene discovery using next-generation pyrosequencing to develop ESTs for Phalaenopsis orchids	Hsiao, Y.Y., Chen, Y.W., Huang, S.C., Pan, Z.J., Chen, W.H., Tsai, W.C., and Chen, H.H.	
2011-	研討會論文	Geranyl diphosphate synthase in Phalaenopsis bellina	Hsiao, Y.Y., Yao, S.H., Tsai, W.C., Hsieh, M.H., Lee, Y.I., Chen, W.H., and Chen, H.H.	

2011-	研討會論文	OrchidBase: A collection of expressed genes and bioinformatics resources for orchids	Fu, C.H., Chen, W.Y., Hsiao, Y.Y., Pan, Z.J., Liu, Z.J., Huang, Y.M., and Chen, H.H., and Tsai, W.C.	
2011-	研討會論文	PeMADS7 involved in ovule morphogenesis of <i>Phalaenopsis equestris</i>	Chen, Y.Y., Lee, P.F., Pan, Z.J., and Tsai, W.C.	
2010-	專書論文	A novel functional geranyl diphosphate synthase for scent production in <i>Phalaenopsis bellina</i> flowers	Hsiao, Y.Y., Tsai, W.C., Chen, W.H. and Chen, H.H.	Acta Horticulture
2010-	專書論文	Molecular mechanisms underlying orchid floral morphogenesis	Tsai, W.C., Hsiao, Y.Y., Pan, Z.J. and Chen, H.H.	Acta Horticulture
2010-	研討會論文	A first survey of the orchid (<i>Phalaenopsis equestris</i>) genome composition through BAC end sequencing analysis	Chung, Y.L., Kuo, Y.T., Lee, Y.L., Chen, T.C., Hsu, C.C., Tsai, W.C., Chen, H.H., and Wu, W.L.	

2010-	研討會論文	A novel functional homodimer geranyl diphosphate synthase for scent production in <i>Phalaenopsis bellina</i> (Orchidaceae) flower	Hsiao, Y.Y. Tsai, W.C., Chen, W.H., and Chen, H.H.	
2010-	研討會論文	Characterization of AGL6-like genes involved in perianth development of orchids	Luo, Y.R., Tsai, W.C., and Chen, H.H.	
2010-	研討會論文	Cloning and functional characterization of sesquiterpene synthase in <i>Phalaenopsis equestris</i> S82-159	Yang, Y.P., Hsiao, Y.Y., Tsai, W.C., Li, C.Y., Wu, T.S., Chen, W.H., Jeng, M.F., and Chen, H.H.	
2010-	研討會論文	Construction and functional characterization of the <i>Phalaenopsis</i> full-length cDNA encyclopedia	Chen, Y.W., Tsai, W.C., Hsiao, Y.Y., Pan, Z.J., Huang, S.C., Huang, C.H., Cheng, S.Y., and Chen, H.H.	
2010-	研討會論文	Differential gene expression analysis by cDNA-AFLP between flower buds of <i>Phalaenopsis</i> Hsiang Fei cv. H. F.	Tsai, W.C.	

		and its somaclonal variants		
2010-	研討會論文	Duplicated C-class MADS-box genes reveal functional diversification in gynostemium development in <i>Cymbidium endifolium</i>	Tsai, W.C., Wang, S.Y., Lee, P.F., Lee, Y.I., Hsiao, Y.Y., Chen, Y.I., and Pan, Z.J.	
2010-	研討會論文	Functional characterization of orchid D-class PeMADS7 by transgenic <i>Arabidopsis thaliana</i>	Chen, Y.Y., Lee, P.F., Pan, Z.J., and Tsai, W.C.	
2010-	研討會論文	Identification and characterization of SEP-like genes in <i>Phalaenopsis</i>	Pan, Z.J., Tsai, W.C., Chen, W.H., and Chen, H.H.	
2010-	研討會論文	Identification and characterization of UDP-glucosyltransferase for major flavonoid and anthocyanin synthesis in <i>Phalaenopsis</i> orchids	Wu, C.F., Cheng, H.Y., Tsai, W.C., Kuo, P.C., Chen, W.H., and Chen, H.H.	
2010-	研討會論文	Molecular biology of orchid flowers with emphasis on <i>Phalaenopsis</i>	Chen, H.H., Tsai, W.C., Hsiao, Y.Y., Pan, Z.J., Hsu, C.C., Yang, Y.P., and Chen, W.H.	

2010-	研討會論文	Molecular mechanism underlying orchid floral morphogenesis	Tsai, W.C., Hsiao, Y.Y., Pan, Z.J., and Chen, H.H.	
2010-	研討會論文	Molecular mechanisms of orchid floral development	Tsai, W.C. 2010	
2010-	研討會論文	Study of MYB factors involved in the regulating fragrance biosynthesis in <i>Phalaenopsis bellina</i>	Chuang, Y.C., Hsiao, Y.Y., Tsai, W.C., and Chen, H.H.	
2010-	研討會論文	Study of TCP family in Orchidaceae	Hsu, J.L., Tang, P.S., Cheng, T.S., and Tsai, W.C.	
2010-	研討會論文	The role of GDPS involved in the floral scent production in <i>Phalaenopsis bellina</i> (Orchid)	Hsiao, Y.Y., Yao, S.H., Tsai, W.C., Hsieh, M.H., Lee, Y.I., Chen, W.H., and Chen, H.H. 2010	
2010-	研討會論文	Transcriptome of <i>Phalaenopsis</i> orchid revealed by next generation sequencing, 454 pyrosequencing	Hsiao, Y.Y., Tsai, W.C., Pan, Z.J., Huang, S.C., Chen, Y.W., and Chen, H.H.	
2009-	研討會論文	A novel homodimeric geranyl	Hsiao, Y.Y., Jeng, M.F., Tsai, W.C., Chung,	

		diphosphate synthase from the orchid <i>Phalaenopsis bellina</i> lacking a DD(X)2-4D motifs	Y.C., Li, C.Y., Wu, T.S., Kuoh, C.S., Chen, W.H., and Chen, H.H.	
2009-	研討會論文	Analysis of the <i>Phalaenopsis equestris</i> genome through BAC end sequencing	Chung, Y.L., Kuo, Y.T., Lee, Y.L., Chen, T.C., Hsu, C.C., Tsai, W.C., Chen, H.H., and Wu, W.L.	
2009-	研討會論文	Construction of the <i>Phalaenopsis</i> full-length cDNA encyclopedia	Tsai, W.C., Hsiao, Y.Y., Pan, Z.J., Huang, S.C., Chen, Y.W., Huang, C.H., Cheng, S.Y., and Chen, H.H	
2009-	研討會論文	Global characterization of <i>Phalaenopsis</i> transcriptome using 454 pyrosequencing	Tsai, W.C., Hsiao, Y.Y., Pan, Z.J., Huang, S.C., Chen, Y.W., and Chen, H.H	
2009-	研討會論文	Glucosyltransferase for major flavonoid and anthocyanin synthesis in <i>Phalaenopsis</i>	Wu, C.F., Cheng, H.Y., Tsai, W.C., Kuo, P.C., Chen, W.H., and Chen, H.H.	
2009-	研討會論文	Molecular mechanism underlying	Tsai, W.C.	

		orchid floral morphogenesis		
2009-	研討會論文	Regulatory strategies for PeMADS4 expression in <i>Phalaenopsis equestris</i>	Hsu, C.C., Tsai, W.C., Chen, W.H., and Chen, H.H.	
2009-	研討會論文	Study of Myb factors involved in the regulating fragrance biosynthesis in <i>Phalaenopsis bellina</i>	Chuang, Y.C., Hsiao, Y.Y., Tsai, W.C., and Chen, H.H.	
2009-	研討會論文	The role of SEP-like genes in the development of <i>Phalaenopsis</i> orchid	Pan, Z.J., Tsai, W.C., Chen, W.H., and Chen, H.H.	
2009-	研討會論文	The roles of C-class MADS-box genes in <i>Gynostemium</i> development of <i>Cymbidium ensifolium</i>	Wang, S.Y., Lee, P.F., Lee, Y.I., Hsiao, Y.Y., Chen, Y.Y., Pan, Z.J., Chen, W.H., and Tsai, W.C.	
2008-10	期刊論文	Molecular biology of orchid flower – with emphasis on <i>Phalaenopsis</i>	Tsai, W.C., Hsiao, Y.Y., Pan, Z.J., Hsu, C.C., Yang, Y.P., Chen, W.H., and Chen, H.H.	Advances in Botanical Research
2008-09	期刊論文	Differential gene expression analysis by cDNA-AFLP between flower buds of <i>Phalaenopsis</i> Hsiang Fei cv. H. F.	Hsu, T.W., Tsai, W.C., Wang, D.P., Lin, S., Hsiao, H.H., Chen, W.H., and Chen, H.H.	Plant Science

		and its somaclonal variants		
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
2008-05	專書論文	Floral Scent in Phalaenopsis	Hsiao, Y.Y., Tsai, W.C., Chen, W.H., and Chen, H.H.	Floriculture, Ornamental and Plant Biotechnology: Advances and Topical Issues
2008-	研討會論文	A novel functional homodimer geranyl diphosphate synthase for scent production in Phalaenopsis bellina	Hsiao, Y.Y., Jeng, M.F.*, Tsai, W.C.*, Chung, Y.C., Ko, Y.L., Kuoh, C.S., Chen, W.H., and Chen, H.H.	

		(Orchidaceae) flower		
2008-	研討會論文	A novel geranyl diphosphate synthase with dual functions but lacking DD(X)2-4D motifs identified in orchid	Hsiao, Y.Y., Jeng, M.F., Tsai, W.C., Chung, Y.C., Ko, Y.L., Kuoh, C.S., Chen, W.H., and Chen, H.H.	
2008-	研討會論文	C-class MADS-box genes involved in gynostemium development in <i>Cymbidium ensifolium</i>	Wang, S.Y., Tsai, W.C., Chen, W.H., and Chen, H.H.	
2008-	研討會論文	Cloning and characterization of a flower color related gene (UDP-glucose flavonoid 3-O-glucosyltransferase) in <i>Phalaenopsis</i>	Chen, W.H., Cheng, H.Y., Su, C.F., Tsai, W.C., and Chen, H.H.	
2008-	研討會論文	Combination of B-functional proteins control tepal development in <i>Phalaenopsis</i> orchid	Tsai, W.C., Pan, Z.J., Hsiao, Y.Y., Jeng, M.F., Wu, T.F., Chen, W.H., and Chen, H.H.	
2008-	研討會論文	Duplication and evolution of both DEF-like and GLO-like B-class MADS	Pan, Z.J., Tsai, W.C., Hu, J.M., Chen, W.H., and Chen, H.H.	

		box genes in Orchidaceae		
2008-	研討會論文	Myb genes involved in the regulating floral scent production in <i>Phalaenopsis bellina</i>	Chuang, Y.C., Hsiao, Y.Y., Tsai, W.C., and Chen, H.H.	
2008-	研討會論文	Novel homodimeric geranyl diphosphate synthase from the orchid <i>Phalaenopsis bellina</i> 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.	
2008-	研討會論文	Regulatory strategies for PeMADS4 expression in <i>Phalaenopsis equestris</i>	Hsu, C.C., Tsai, W.C., Chen, W.H., and Chen, H.H.	
2008-	研討會論文	Studies on the biosynthesis pathway and its related gene of <i>Phalaenopsis bellina</i> floral scent	Hsiao, Y.Y., Tsai, W.C., and Chen, H.H.	
2008-	研討會論文	The MADS-box genes tell the diversification of orchid flowers	Tsai, W.C., Pan, Z.J., Hsiao, Y.Y., Chen, W.H., and Chen, H.H.	
2008-	研討會論文	The role of C-class genes in	Tsai, W.C., Wang, S.Y., Lee, P.F., Hsiao, Y.Y.,	

		Phalaenopsis and Cymbidium orchids	and Chen, H.H.	
2008-	研討會論文	The roles of geranyl diphosphate synthases involved in controlling floral scent production in Phalaenopsis bellina	Hsiao, Y.Y., Tsai, W.C., Wu, T.S., Kuoh, C.S., Chen, W.H., and Chen, H.H.	
2008-	研討會論文	Two Myb genes involved in the regulating floral scent production in Phalaenopsis bellina	Chuang, Y.C., Hsiao, Y.Y., Tsai, W.C., Hsu, J.L., and Chen, H.H.	
2007-09	專書論文	Analysis of Expression of Phalaenopsis Floral ESTs	Tsai, W.C., Hsiao, Y.Y., Pan, Z.J., and Chen, H.H.	Orchid Biotechnology
2007-02	期刊論文	Strategy for functional validation of genes involved in reproductive stages of orchid	Lu, H.C., Chen, H.H., Tsai, W.C., Chen, W.H., Su, H.J., Chang, D.C., and Yeh, H.H.	Plant Physiology
2007-	專書論文	Orchid MADS-Box Genes Controlling Floral Morphogenesis	Tsai, W.C., Lin, C.W., Kuoh, C.S., and Chen, H.H.	Orchid Biotechnology

2007-	專書論文	Orchid flower fragrance biosynthesis pathway and its key enzyme geranyl diphosphate synthase	Hsiao, Y.Y., Tsai, W.C., Kuoh, C.S., Huang, T.S., Wang, H.C., Leu, Y.L., Wu, T.S., Chen, W.H., and Chen, H.H.	Biotechnology and sustainable agriculture 2006 and beyond
2007-	研討會論文	Identification of genes encoding transcription factors related to scent metabolism regulation in the flowers of <i>Phalaenopsis bellina</i>	Huang, S.C., Hsiao, Y.Y., Tsai, W.C., Chen, W.H., and Chen, H.H.	
2007-	研討會論文	A novel geranyl diphosphate synthase without an Asp-rich motif functioning as a homodimer in a plant	Hsiao, Y.Y., Jeng, M.F*, Tsai, W.C.*, Chung, Y.C., Li, C.Y., Wu, T.S., Kuoh, C.S., Chen, W.H., and Chen, H.H.	
2007-	研討會論文	A phylogenetic analysis of B class MADS-box genes in Orchidaceae	Pan, Z.J., Tsai, W.C., Hsiao, Y.Y., Chen, W.H., and Chen, H.H.	
2007-	研討會論文	Characterization of B-class MADS-box genes in Orchidaceae	Pan, Z.J., Tsai, W.C., Hsiao, Y.Y., Chen, W.H., and Chen, H.H.	
2007-	研討會論文	Cloning and Functional characterization of terpene synthase	Yang, Y.P., Hsiao, Y.Y., Tsai, W.C., Li, C.Y., Wu, T. S., Chen, W.H., Jeng, M.F., and	

		in Phalaenopsis Orchid	Chen, H.H.	
2007-	研討會論文	Discrete spatial cis-acting elements regulate transcription of the Phalaenopsis flower-specific gene PeMADS6	Hsu, C.C., Tsai, W.C., Wu, P.S., Hsiao, Y.Y., Chen, W.H, and Chen, H.H.	
2007-	研討會論文	Floral fragrance biosynthesis pathway and functional characterizations of terpene synthase in Phalaenopsis	Yang, Y.P., Hsiao, Y.Y., Tsai, W.C., Li, C.Y., Wu, T. S., Chen, W.H., and Chen, H.H	
2007-	研討會論文	Floral volatile composition analysis, cloning and functional characterization of sesquiterpene synthase in Phalaenopsis equestris	Yang, Y.P., Hsiao, Y.Y., Tsai, W.C., Li, C.Y., Wu, T. S., Chen, W.H., and Chen, H.H	
2007-	研討會論文	Functionally characterize C-class genes in Phalaenopsis and Cymbidium orchid	Wang, S.Y., Tsai, W.C., Hsiao, Y.Y., Pan, Z.J., Lee, P.F., Lin, C.W., Kuoh, C.S., Chen, W.H., and Chen, H.H.	
2007-	研討會論文	Gynostemium morphogenesis of	Wang, S.Y., Chen, H.H., Chen, W.H., and	

		Cymbidium ensifolium is regulated by AGAMOUS-like CeMADS1	Tsai, W.C.	
2007-	研討會論文	Identification and characterization of promoter regions of PeMADS genes in Phalaenopsis equestris	Hsu, C.C., Tsai, W.C., Wu, P.S., Chu, P.Y., Hsiao, Y.Y., Chen, W.H., and Chen, H.H.	
2007-	研討會論文	In silico gene expression analysis during Phalaenopsis embryo development	Huang, T.H., Hsiao, Y.Y., Pan, Z.J., Tsai, W.C., Chen, H.H., and Wang, H.C.	
2007-	研討會論文	Molecular cloning and functional characterization of C-class gene in Phalaenopsis equestris	Tsai, W.C., Hsiao, Y.Y., Pan, Z.J., Lee, P.F., Lin, C.W., Kuoh, C.S., Chen, W.H., and Chen, H.H.	
2007-	研討會論文	PeMADS4, a homeotic gene was a key factor for labellum development.	Cheng, C.C., Tsai, W.C., Hsiao, Y.Y., Chen, W.H., and Chen, H.H.	
2006-07	期刊論文	Comparison of transcripts in Phalaenopsis bellina and Phalaenopsis equestris	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

		(Orchidaceae) flowers to deduce monoterpene biosynthesis pathway		
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
2006-	研討會論文	B-class MADS box transcription factors in Orchidaceae	Pan, Z.J., Tsai, W.C., Hsiao, Y.Y., Chen, W.H., and Chen, H.H.	
2006-	研討會論文	Functional characterization of promoter regions of the GLOBOSA-like <i>PeMADS6</i> in <i>Phalaenopsis</i> orchid	Hsu, C.C., Tsai, W.C., Wu, P.S., Hsiao, Y.Y., Chen, W.H., and Chen, H.H.	
2006-	研討會論文	Interaction of B-function complex	Tsai, W.C., Pan, Z.J., Hsiao, Y.Y., Wu, T.F.,	

		genes control floral tepal development of Phalaenopsis orchid	Chen, W.H., and Chen, H.H	
2006-	研討會論文	Isolation and functional characterization of an orchid geranyl diphosphate synthase and its role in monoterpene biosynthesis	Hsiao, Y.Y., Tsai, W.C., Kuoh, C.S., Chen, W.H., and Chen, H.H.	
2006-	研討會論文	Orchid flower fragrance biosynthesis pathway and its key enzyme geranyl diphosphate synthase	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	
2006-	研討會論文	Quantitative expression pattern of B-class genes in various floral organ of Phalaenopsis orchid	Cheng, C.C., Tsai, W.C., Hsiao, Y.Y., Chen, W.H., and Chen, H.H.	
2006-	研討會論文	Volatile composition analysis, and characterization of sesquiterpene synthase in Phalaenopsis equestris (Orchidaceae)	Yang, Y.P., Hsiao, Y.Y., Tsai, W.C., Li, C.Y., Wu, T.S., Chen, W.H., and Chen, H.H.	

2005-07	期刊論文	PeMADS6, a GLOBOSA/PISTILLATA-like gene in <i>Phalaenopsis equestris</i> involved in petaloid formation, and correlated with flower longevity and ovary development	Tsai, W.C., Lee, P.F., Chen, H.I., Hsiao, Y.Y., Wei, W.J., Pan, Z.J., Chuang, M.H., Kuoh, C.S., Chen, W.H. and Chen, H.H.	Plant and Cell Physiology
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
2005---	專書	蝴蝶蘭花部發育之研究：B-群基因之角色	蔡文杰	成功大學生物學研究所博士論文
2005-	研討會論文	Characterization of B-class floral homeotic genes in Orchidaceae	Pan, Z.J., Tsai, W.C., Hsiao, Y.Y., Chen, W.H., and Chen, H.H.	
2005-	研討會論文	Characterization of geranyl diphosphate synthase from <i>Phalaenopsis bellina</i> , a scent orchid species	Hsiao, Y.Y., Tsai, W.C., Kuoh, C.S., Chen, W.H., and Chen, H.H.	

2005-	研討會論文	Complex B-function gene interactions control <i>Phalaenopsis</i> orchid flower development	Tsai, W.C., Pan, Z.J., Chen, W.H. and Chen. H.H.	
2005-	研討會論文	Expression of a cytochrome P450-like gene is regulated in the flower of <i>Phalaenopsis</i> Hsiang Fei cv. H. F. somaclonal variant	Pan, Z.J., Hsu, T.W., Chien, P.S., Tsai, W.C., Hsiao, Y.Y., Chen, W.H. and Chen. H.H.	
2005-	研討會論文	Flower fragrance of <i>Phalaenopsis</i> violacea. 18th World Orchid Conference	Hsiao, Y.Y., Tsai, W.C., Kuoh, C.S., Kuo, H.C. Lee, S.H. Wang, H.C. Leu, Y.L., Wu, T.S., Chen, W.H. and Chen. H.H.	
2005-	研討會論文	Functional characterization of PeMADS6, a GLOBOSA/PISTILLATA-like gene in <i>Phalaenopsis</i> equestris	Tsai, W.C., Lee, P.F., Wei, W.J., Hsiao, Y.Y., Chuang, M.H., Pan, Z.J., Kuoh, C.S., Chen, W.H. and Chen. H.H.	
2005-	研討會論文	Identification of <i>Oncidium</i> cultivars with sequence-specific PCR markers derived from AFLP fingerprinting	Chen, W.H., Tseng, I.C., Tsai, W.C., Chen, H.H. Chen, Y.H. and Chiang, M.S.	

2005-	研討會論文	MADS-box genes involving in orchid floral development	Tsai, W.C.	
2005-	研討會論文	PeMADS1, an AGAMOUS ortholog, involved in genostemium development and floral meristem determination in Phalaenopsis orchid	Lin, C.W., Tsai, W.C., Lee, P.F., Chen, H.R., Hsiao, Y.Y., Kuoh, C.S., Chen, W.H., and Chen, H.H.	
2005-	研討會論文	Phalaenopsis EST projects and their application for floral development and scent metabolism researches	Hsiao, Y.Y., Tsai, W.C., Pan, Z.J., Lee, S.H., Kuo, H.C., Wang, H.C., Kuoh, C.S., Chen, W.H. and Chen. H.H	
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
2004-	研討會論文	DNA binding and protein-protein interaction behaviors of Phalaenopsis MADS domain floral organ identity proteins	Tsai, W.C., Pan, Z.J., Chen, W.H. and Chen. H.H.	

2004-	研討會論文	Gene expression during Phalaenopsis embryo development	Hsiao, Y.Y., Tsai, W.C., Tung, C.W., Chiu, Y.F., Pan, Z.J., Chen, W.H. and Chen. H.H.	
2004-	研討會論文	Identification and functional analysis of PeMADS3 promoter	Wu, P.S., Huang, S.Y., Lee, P.F., Tsai, W.C., Chen, W.H. and Chen. H.H.	
2004-	研討會論文	KSFP: predicting family protein functions and retrieving related literatures	Hsiao, Y.Y., Wang, H.C., Kuo, H.C., Tsai, W.C., and Chen. H.H.	
2004-	研討會論文	Phalaenopsis EST projects in Taiwan	Tsai, W.C., Hsiao, Y.Y., Hsu, T.W., Kuo, H.C., Wang, H.C., Kuoh, C.S., Chen, W.H. and Chen. H.H.	
2003-	研討會論文	DNA-binding propeties and protein-protein interaction relationships of Phalaenopsis MADS domain floral organ identity proteins	Tsai, W.C., Pan, Z.J., Chen, W.H. and Chen. H.H.	
2003-	研討會論文	DNA-binding propeties of Phalaenopsis MADS domain floral	Tsai, W.C., Chen, W.H. and Chen. H.H.	

		organ identity proteins		
2003-	研討會論文	Flower fragrance of <i>Phalaenopsis</i> violacea: Secretory structures, chemical composition and EST-derived putative pathway	Hsiao, Y.Y., Kuoh, C.S., Tsai, W.C., Leu, Y.L., Kuo, H.C., Wang, H.C., Wu, T.S., Chen, W.H. and Chen. H.H.	
2003-	研討會論文	Identifiacion and functional analysis of a PI-like MADS-box gene in <i>Phalaenopsis equestris</i> .	Tsai, W.C., Lee, P.F., Hsiao, Y.Y., Kuoh, C.S., Chen, W.H., Wei, W.J. and Chen, H.H.	
2003-	研討會論文	Secretion, emission, biosynthesis of floral scent and its candidate genes in <i>Phalaenopsis violacea</i>	Hsiao, Y.Y., Kuoh, C.S., Tsai, W.C., Leu, Y.L., Kuo, H.C., Wang, H.C., Wu, T.S., Chen, W.H. and Chen. H.H.	
2002-	研討會論文	Identification and characterization of lipid transfer protein family from <i>Phalaenopsis</i>	Hsiao, Y.Y., Tsai, W.C., Kuoh, C.S., Chen, W.H. and Chen. H.H.	
2002-	研討會論文	Identification of flower color related genes from <i>Phalaenopsis equestris</i>	Su, C.F., Tsai, W.C., and Chen, H.H.	

2002-	研討會論文	MADS box genes required for the petal, lip and stamen formation in <i>Phalaenopsis equestris</i>	Tsai, W.C., Chuang, M.H., Kuoh, C.S., Chen, W.H. and Chen. H.H.	
2002-	研討會論文	Molecular cloning and characterization of cyclin D3 in <i>Phalaenopsis</i>	Tsai, W.C., Wu, P.S., Chen, W.H. and Chen. H.H.	
2002-	研討會論文	Molecular cloning and characterization of cyclin D3 in <i>Phalaenopsis</i>	Tsai, W.C., Wu, P.S., Chen, W.H. and Chen. H.H.	
2002-	研討會論文	Study of lipid transfer proteins in <i>Phalaenopsis equestris</i>	Hsiao, Y.Y., Tsai, W.C., Kuoh, C.S., Chen, W.H. and Chen. H.H.	
2002-	研討會論文	Transcriptome in flower buds of <i>Phalaenopsis equestris</i>	Tsai, W.C., Wang, D.P., Hsiao, Y.Y., Chen, W.H. and Chen. H.H.	
2002-	研討會論文	Transcriptome in flower buds of <i>Phalaenopsis equestris</i> .	Tsai, W.C., Wang, D.P., Hsiao, Y.Y., Chen, W.H. and Chen. H.H.	
2001-	研討會論文	Analysis of expressed sequence tags	Tsai, W.C., Hsiao, Y.Y., Chen, W.H. and	

		of flower buds in <i>Phalaenopsis equestris</i>	Chen. H.H.	
2001-	研討會論文	Analysis of expressed sequence tags of flower buds in <i>Phalaenopsis equestris</i>	Tsai, W.C., Chen, H.H. and. Chen, W.H.	
2001-	研討會論文	Identification of differentially expressed genes between flower buds of <i>Phalaenopsis</i> “Hsiang Fei” cv. H. F. and its somaclonal variant	Tsai, W.C., Lin, S., Chen, H.H. and Chen, W.H.	
2001-	研討會論文	Molecular cloning and characterization of an orchid ethylene-insensitive 3 (EIN3) gene	Wu, Y.C., Huang, M.D., Tsai, W.C. and Wu, W.L.	
2001-	研討會論文	PeMADS1, an agamous homologue from <i>Phalaenopsis equestris</i> (Orchidaceae) is expressed in column	Chen, H.H., Tsuei, S.W., Tsai, W.C., Liu, C.C., Kuoh, C.S. and Chen, W.H.	
2001-	研討會論文	cDNA-AFLP analysis of differential	Tsai, W.C., Lin, S. and Chen, W.H.	

		gene expression in the flower buds of Phalaenopsis Hsiang Fei cv. H. F. and its somaclonal variant		
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