# Hong-Hwa Chen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5900495/publications.pdf

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| 68 | 3,121 | 172457 | 161849 |
|---|---|---|---|
| papers | citations | 29 h-index | 54 g-index |

| 72 | 72 | 72 | 2435 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | High-density genetic map and genome-wide association studies of aesthetic traits in Phalaenopsis orchids. Scientific Reports, 2022, 12, 3346. | 3.3 | 6 |
| 2 | Develop an efficient inoculation technique for Fusarium solani isolate â€œTJP-2178-10â€•pathogeny assessment in Phalaenopsis orchids. , 2021, 62, 4. | | 2 |
| 3 | Evolution of Terpene Synthases in Orchidaceae. International Journal of Molecular Sciences, 2021, 22, 6947. | 4.1 | 19 |
| 4 | Terpene Synthase-b and Terpene Synthase-e/f Genes Produce Monoterpenes for Phalaenopsis bellina Floral Scent. Frontiers in Plant Science, 2021, 12, 700958. | 3.6 | 13 |
| 5 | OrchidBase 4.0: a database for orchid genomics and molecular biology. BMC Plant Biology, 2021, 21, 371. | 3.6 | 10 |
| 6 | Identification of high-copy number long terminal repeat retrotransposons and their expansion in Phalaenopsis orchids. BMC Genomics, 2020, 21, 807. | 2.8 | 5 |
| 7 | Assessment of violet-blue color formation in Phalaenopsis orchids. BMC Plant Biology, 2020, 20, 212. | 3.6 | 22 |
| 8 | PeERF1, a SHINE-Like Transcription Factor, Is Involved in Nanoridge Development on Lip Epidermis of Phalaenopsis Flowers. Frontiers in Plant Science, 2020, 10, 1709. | 3.6 | 6 |
| 9 | RNA sequencing analysis of Cymbidium goeringii identifies floral scent biosynthesis related genes. BMC Plant Biology, 2019, 19, 337. | 3.6 | 35 |
| 10 | Chemical Constituents From Phalaenopsis Hybrids and Their Bioactivities. Natural Product Communications, 2019, 14, 1934578X1985068. | 0.5 | 3 |
| 11 | A HORT1 Retrotransposon Insertion in the PeMYB11 Promoter Causes Harlequin/Black Flowers in Phalaenopsis Orchids. Plant Physiology, 2019, 180, 1535-1548. | 4.8 | 34 |
| 12 | PePIF1, a P-lineage of PIF-like transposable element identified in protocorm-like bodies of Phalaenopsis orchids. BMC Genomics, 2019, 20, 25. | 2.8 | 6 |
| 13 | PbbHLH4 regulates floral monoterpene biosynthesis in Phalaenopsis orchids. Journal of Experimental Botany, 2018, 69, 4363-4377. | 4.8 | 66 |
| 14 | A Dual Repeat Cis-Element Determines Expression of GERANYL DIPHOSPHATE SYNTHASE for Monoterpene Production in Phalaenopsis Orchids. Frontiers in Plant Science, 2018, 9, 765. | 3.6 | 13 |
| 15 | Flower Development of Phalaenopsis Orchids Involves Functionally Divergent B-Class and E-Class MADS-Box Genes. , 2017, , 251-288. | | 1 |
| 16 | Application of VIGS to Floral Gene Function Studies of the Orchid, a Nonmodel Plant. , 2017, , 341-372. | | 0 |
| 17 | Flower Color and Pigmentation Patterns in Phalaenopsis Orchids. , 2017, , 393-420. | | 4 |
| 18 | Post genomics era for orchid research. , 2017, 58, 61. | | 29 |

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|---|---|---|---|
| 19 | Diurnal regulation of the floral scent emission by light and circadian rhythm in the Phalaenopsis orchids. , 2017, 58, 50. | | 31 |
| 20 | Three R2R3-MYB Transcription Factors Regulate Distinct Floral Pigmentation Patterning in Phalaenopsis spp. Â. Plant Physiology, 2015, 168, 175-191. | 4.8 | 156 |
| 21 | The genome sequence of the orchid Phalaenopsis equestris. Nature Genetics, 2015, 47, 65-72. | 21.4 | 413 |
| 22 | Flower development of Phalaenopsis orchid involves functionally divergent <scp>SEPALLATA</scp>â€like genes. New Phytologist, 2014, 202, 1024-1042. | 7.3 | 113 |
| 23 | Histone Acetylation Accompanied with Promoter Sequences Displaying Differential Expression Profiles of B-Class MADS-Box Genes for Phalaenopsis Floral Morphogenesis. PLoS ONE, 2014, 9, e106033. | 2.5 | 24 |
| 24 | The NPR1 ortholog PhaNPR1 is required for the induction of PhaPR1 in Phalaenopsis aphrodite. , 2013, 54, 31. | | 18 |
| 25 | OrchidBase 2.0: Comprehensive Collection of Orchidaceae Floral Transcriptomes. Plant and Cell Physiology, 2013, 54, e7-e7. | 3.1 | 76 |
| 26 | Transcriptomic analysis of floral organs from Phalaenopsis orchid by using oligonucleotide microarray. Gene, 2013, 518, 91-100. | 2.2 | 17 |
| 27 | Optimizing virus-induced gene silencing efficiency with Cymbidium mosaic virus in Phalaenopsis flower. Plant Science, 2013, 201-202, 25-41. | 3.6 | 47 |
| 28 | Virus-induced gene silencing unravels multiple transcription factors involved in floral growth and development in Phalaenopsis orchids. Journal of Experimental Botany, 2013, 64, 3869-3884. | 4.8 | 38 |
| 29 | An efficient RNA interference screening strategy for gene functional analysis. BMC Genomics, 2012, 13, 491. | 2.8 | 16 |
| 30 | A High-Throughput Virus-Induced Gene-Silencing Vector for Screening Transcription Factors in Virus-Induced Plant Defense Response in Orchid. Molecular Plant-Microbe Interactions, 2012, 25, 738-746. | 2.6 | 42 |
| 31 | OrchidBase: A Collection of Sequences of the Transcriptome Derived from Orchids. Plant and Cell Physiology, 2011, 52, 238-243. | 3.1 | 78 |
| 32 | Research on Orchid Biology and Biotechnology. Plant and Cell Physiology, 2011, 52, 1467-1486. | 3.1 | 101 |
| 33 | Biosynthetic Regulation of Floral Scent in Phalaenopsis. , 2011, , 145-180. | | 1 |
| 34 | The Relationship Between Ethylene and Orchid Ovule Development. , 2011, , 229-251. | | 0 |
| 35 | Downregulation of putative UDP-glucose: flavonoid 3-O-glucosyltransferase gene alters flower coloring in Phalaenopsis. Plant Cell Reports, 2011, 30, 1007-1017. | 5.6 | 58 |
| 36 | An overview of the Phalaenopsisorchid genome through BAC end sequence analysis. BMC Plant Biology, 2011, 11, 3. | 3.6 | 51 |

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|---|---|---|---|
| 37 | Gene discovery using next-generation pyrosequencing to develop ESTs for Phalaenopsis orchids. BMC Genomics, 2011, 12, 360. | 2.8 | 50 |
| 38 | The Duplicated B-class MADS-Box Genes Display Dualistic Characters in Orchid Floral Organ Identity and Growth. Plant and Cell Physiology, 2011, 52, 1515-1531. | 3.1 | 89 |
| 39 | The Early Gene hhi1 Reactivates Heliothis zea Nudivirus 1 in Latently Infected Cells. Journal of Virology, 2010, 84, 1057-1065. | 3.4 | 20 |
| 40 | Understanding bamboo flowering based on large-scale analysis of expressed sequence tags. Genetics and Molecular Research, 2010, 9, 1085-1093. | 0.2 | 57 |
| 41 | Functional role of a non-active site residue Trp23 on the enzyme activity of Escherichia coli thioesterase I/protease I/lysophospholipase L1. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2009, 1794, 1467-1473. | 2.3 | 12 |
| 42 | A novel homodimeric geranyl diphosphate synthase from the orchid Phalaenopsis bellina lacking a DD(X)<sub>2â€“4</sub>D motif. Plant Journal, 2008, 55, 719-733. | 5.7 | 86 |
| 43 | The role of ethylene in orchid ovule development. Plant Science, 2008, 175, 98-105. | 3.6 | 40 |
| 44 | Differential gene expression analysis by cDNA-AFLP between flower buds of Phalaenopsis Hsiang Fei cv. H. F. and its somaclonal variant. Plant Science, 2008, 175, 415-422. | 3.6 | 18 |
| 45 | Molecular Biology of Orchid Flowers. Advances in Botanical Research, 2008, 47, 99-145. | 1.1 | 17 |
| 46 | Interactions of B-class complex proteins involved in tepal development in Phalaenopsis orchid. Plant and Cell Physiology, 2008, 49, 814-824. | 3.1 | 57 |
| 47 | Strategies for Functional Validation of Genes Involved in Reproductive Stages of Orchids. Plant Physiology, 2007, 143, 558-569. | 4.8 | 97 |
| 48 | Analysis of Expression of Phalaenopsis Floral ESTs. , 2007, , 145-161. | | 3 |
| 49 | Orchid MADS-Box Genes Controlling Floral Morphogenesis. , 2007, , 163-183. | | 2 |
| 50 | Application of Virus-induced Gene Silencing Technology in Gene Functional Validation of Orchids. , 2007, , 211-223. | | 3 |
| 51 | Expression analysis of the ESTs derived from the flower buds of Phalaenopsis equestris. Plant Science, 2006, 170, 426-432. | 3.6 | 43 |
| 52 | The Orchid MADS-Box Genes Controlling Floral Morphogenesis. Scientific World Journal, The, 2006, 6, 1933-1944. | 2.1 | 34 |
| 53 | AFLP fingerprinting and conversion to sequence-tag site markers for the identification ofOncidiumcultivars. Journal of Horticultural Science and Biotechnology, 2006, 81, 791-796. | 1.9 | 7 |
| 54 | An integrated map of Oryza sativa L. chromosome 5. Theoretical and Applied Genetics, 2006, 112, 891-902. | 3.6 | 27 |

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|---|---|---|---|
| 55 | Comparison of transcripts in Phalaenopsis bellina and Phalaenopsis equestris (Orchidaceae) flowers to deduce monoterpene biosynthesis pathway. BMC Plant Biology, 2006, 6, 14. | 3.6 | 83 |
| 56 | The Chloroplast Genome of Phalaenopsis aphrodite (Orchidaceae): Comparative Analysis of Evolutionary Rate with that of Grasses and Its Phylogenetic Implications. Molecular Biology and Evolution, 2006, 23, 279-291. | 8.9 | 301 |
| 57 | KSPF: using gene sequence patterns and data mining for biological knowledge management. Expert Systems With Applications, 2005, 28, 537-545. | 7.6 | 11 |
| 58 | A fine physical map of the rice chromosome 5. Molecular Genetics and Genomics, 2005, 274, 337-345. | 2.1 | 14 |
| 59 | Osmotic sucrose enhancement of single-cell embryogenesis and transformation efficiency in Oncidium. Plant Cell, Tissue and Organ Culture, 2005, 81, 183-192. | 2.3 | 34 |
| 60 | PeMADS6, a GLOBOSA/PISTILLATA-like Gene in Phalaenopsis equestris Involved in Petaloid Formation, and Correlated with Flower Longevity and Ovary Development. Plant and Cell Physiology, 2005, 46, 1125-1139. | 3.1 | 118 |
| 61 | Four DEF-Like MADS Box Genes Displayed Distinct Floral Morphogenetic Roles in Phalaenopsis Orchid. Plant and Cell Physiology, 2004, 45, 831-844. | 3.1 | 154 |
| 62 | Analysis of the Complete Genome Sequence of the Hz-1 Virus Suggests that It Is Related to Members of the Baculoviridae. Journal of Virology, 2002, 76, 9024-9034. | 3.4 | 74 |
| 63 | The thymidylate synthase gene of Hz-1 virus: A gene captured from its lepidopteran host. Insect Molecular Biology, 2001, 10, 495-503. | 2.0 | 8 |
| 64 | Negative regulatory regions of the PAT1 promoter of Hz-1 virus contain GATA elements which associate with cellular factors and regulate promoter activity. Journal of General Virology, 2001, 82, 313-320. | 2.9 | 2 |
| 65 | Alpha-tocopherol downregulates the expression of GPIIb promoter in HEL cells. Free Radical Biology and Medicine, 2000, 28, 202-207. | 2.9 | 13 |
| 66 | Vitamin B6 Down-Regulates the Expression of Human GPIIb Gene.. Journal of Nutritional Science and Vitaminology, 1999, 45, 471-479. | 0.6 | 11 |
| 67 | A 2.9-Kilobase Noncoding Nuclear RNA Functions in the Establishment of Persistent Hz-1 Viral Infection. Journal of Virology, 1998, 72, 2233-2245. | 3.4 | 35 |
| 68 | Persistent Baculovirus Infection Results from Deletion of the Apoptotic Suppressor Gene p35. Journal of Virology, 1998, 72, 9157-9165. | 3.4 | 27 |