

Tzung-Fu Hsieh

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

4,696
citations

257101

24
h-index

329751

37
g-index

47
all docs

47
docs citations

47
times ranked

5155
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Admixture of divergent genomes facilitates hybridization across species in the family Brassicaceae. <i>New Phytologist</i> , 2022, 235, 743-758. | 3.5 | 3 |
| 2 | Comparative Phylogenomic Analysis Reveals Evolutionary Genomic Changes and Novel Toxin Families in Endophytic <i>Liberibacter</i> Pathogens. <i>Microbiology Spectrum</i> , 2021, 9, e0050921. | 1.2 | 6 |
| 3 | Epigenetic remodeling by DNA glycosylases during rice reproduction. <i>Molecular Plant</i> , 2021, 14, 1433-1435. | 3.9 | 0 |
| 4 | Identification of mixed linkage β -glucan quantitative trait loci and evaluation of <i>AsCslF6</i> homoeologs in hexaploid oat. <i>Crop Science</i> , 2020, 60, 914-933. | 0.8 | 16 |
| 5 | Epigenetic modification of ESP, encoding a putative long noncoding RNA, affects panicle architecture in rice. <i>Rice</i> , 2019, 12, 20. | 1.7 | 18 |
| 6 | The catalytic core of DEMETER guides active DNA demethylation in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 17563-17571. | 3.3 | 23 |
| 7 | Rice OsPEX1, an extensin-like protein, affects lignin biosynthesis and plant growth. <i>Plant Molecular Biology</i> , 2019, 100, 151-161. | 2.0 | 25 |
| 8 | Mutation in a putative glycosyltransferase-like gene causes programmed cell death and early leaf senescence in rice. <i>Rice</i> , 2019, 12, 7. | 1.7 | 29 |
| 9 | Epigenetics Regulates Reproductive Development in Plants. <i>Plants</i> , 2019, 8, 564. | 1.6 | 18 |
| 10 | Robust Transcriptional Activation in Plants Using Multiplexed CRISPR-Act2.0 and mTALE-Act Systems. <i>Molecular Plant</i> , 2018, 11, 245-256. | 3.9 | 179 |
| 11 | Sexual and Non-sexual Reproduction. <i>Advances in Botanical Research</i> , 2018, 88, 117-163. | 0.5 | 4 |
| 12 | Dynamic DNA Methylation in Plant Growth and Development. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2144. | 1.8 | 187 |
| 13 | A naturally occurring conditional albino mutant in rice caused by defects in the plastid-localized OsABC18 transporter. <i>Plant Molecular Biology</i> , 2017, 94, 137-148. | 2.0 | 31 |
| 14 | Epigenetic Reprogramming During Plant Reproduction. <i>RNA Technologies</i> , 2017, , 405-425. | 0.2 | 1 |
| 15 | Similarity between soybean and <i>Arabidopsis</i> seed methylomes and loss of non-CG methylation does not affect seed development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E9730-E9739. | 3.3 | 111 |
| 16 | Comparative Methylome Analyses Identify Epigenetic Regulatory Loci of Human Brain Evolution. <i>Molecular Biology and Evolution</i> , 2016, 33, 2947-2959. | 3.5 | 49 |
| 17 | FIE, a nuclear PRC2 protein, forms cytoplasmic complexes in <i>Arabidopsis thaliana</i> . <i>Journal of Experimental Botany</i> , 2016, 67, 6111-6123. | 2.4 | 16 |
| 18 | Epigenetics: A tug of war for DNA methylation. <i>Nature Plants</i> , 2016, 2, 16171. | 4.7 | 3 |

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|----|--|------|-----------|
| 19 | A Consensus Map in Cultivated Hexaploid Oat Reveals Conserved Grass Synteny with Substantial Subgenome Rearrangement. <i>Plant Genome</i> , 2016, 9, plantgenome2015.10.0102. | 1.6 | 85 |
| 20 | Control of Paternally Expressed Imprinted UPWARD CURLY LEAF1, a Gene Encoding an F-Box Protein That Regulates CURLY LEAF Polycomb Protein, in the Arabidopsis Endosperm. <i>PLoS ONE</i> , 2015, 10, e0117431. | 1.1 | 6 |
| 21 | A CRISPR/Cas9 Toolbox for Multiplexed Plant Genome Editing and Transcriptional Regulation. <i>Plant Physiology</i> , 2015, 169, 971-985. | 2.3 | 532 |
| 22 | Whole-Genome DNA Methylation Profiling with Nucleotide Resolution. <i>Methods in Molecular Biology</i> , 2015, 1284, 27-40. | 0.4 | 4 |
| 23 | The AAA-ATPase molecular chaperone Cdc48/p97 disassembles sumoylated centromeres, decondenses heterochromatin, and activates ribosomal RNA genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16166-16171. | 3.3 | 74 |
| 24 | Heritable Epigenetic Variation and its Potential Applications for Crop Improvement. <i>Plant Breeding and Biotechnology</i> , 2013, 1, 307-319. | 0.3 | 28 |
| 25 | Active DNA Demethylation in Plant Companion Cells Reinforces Transposon Methylation in Gametes. <i>Science</i> , 2012, 337, 1360-1364. | 6.0 | 445 |
| 26 | Regulation of imprinted gene expression in <i>Arabidopsis</i> endosperm. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 1755-1762. | 3.3 | 317 |
| 27 | MethylCoder: software pipeline for bisulfite-treated sequences. <i>Bioinformatics</i> , 2011, 27, 2435-2436. | 1.8 | 76 |
| 28 | Genome-Wide Demethylation of <i>Arabidopsis</i> Endosperm. <i>Science</i> , 2009, 324, 1451-1454. | 6.0 | 628 |
| 29 | Cellular Programming of Plant Gene Imprinting. <i>Cell</i> , 2008, 132, 735-744. | 13.5 | 146 |
| 30 | <i>Arabidopsis</i> LEAFY COTYLEDON2 induces maturation traits and auxin activity: Implications for somatic embryogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 3151-3156. | 3.3 | 282 |
| 31 | Genomic Imprinting in <i>Arabidopsis thaliana</i> and <i>Zea mays</i> . , 2007, , 219-239. | | 1 |
| 32 | Endosperm gene imprinting and seed development. <i>Current Opinion in Genetics and Development</i> , 2007, 17, 480-485. | 1.5 | 58 |
| 33 | DEMETER DNA Glycosylase Establishes MEDEA Polycomb Gene Self-Imprinting by Allele-Specific Demethylation. <i>Cell</i> , 2006, 124, 495-506. | 13.5 | 665 |
| 34 | Patenting Applied to Genetic Sequence Information. <i>Biotechnology and Genetic Engineering Reviews</i> , 2006, 23, 317-330. | 2.4 | 0 |
| 35 | BIOLOGY OF CHROMATIN DYNAMICS. <i>Annual Review of Plant Biology</i> , 2005, 56, 327-351. | 8.6 | 63 |
| 36 | From flour to flower: how Polycomb group proteins influence multiple aspects of plant development. <i>Trends in Plant Science</i> , 2003, 8, 439-445. | 4.3 | 68 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Genomic Analysis of Arabidopsis Gene Expression in Response to a Systemic Fungicide. , 2003, , . | | 2 |
| 38 | Molecular characterization of AtNAM: a member of the Arabidopsis NAC domain superfamily. Plant Molecular Biology, 2002, 50, 237-248. | 2.0 | 288 |
| 39 | Identification of estrogen-induced genes downregulated by AhR agonists in MCF-7 breast cancer cells using suppression subtractive hybridization. Gene, 2001, 262, 207-214. | 1.0 | 46 |
| 40 | Gene expression in the developing mouse retina by EST sequencing and microarray analysis. Nucleic Acids Research, 2001, 29, 4983-4993. | 6.5 | 68 |
| 41 | Characterization and Subcellular Compartmentation of Recombinant 4-Hydroxyphenylpyruvate Dioxygenase from Arabidopsis in Transgenic Tobacco1. Plant Physiology, 1999, 119, 1507-1516. | 2.3 | 94 |