

Jinling Huang

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

4,031
citations

136950

32
h-index

128289

60
g-index

68
all docs

68
docs citations

68
times ranked

5121
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | The maize single-nucleus transcriptome comprehensively describes signaling networks governing movement and development of grass stomata. <i>Plant Cell</i> , 2022, , . | 6.6 | 8 |
| 2 | Major episodes of horizontal gene transfer drove the evolution of land plants. <i>Molecular Plant</i> , 2022, 15, 857-871. | 8.3 | 50 |
| 3 | Origins of strigolactone and karrikin signaling in plants. <i>Trends in Plant Science</i> , 2022, 27, 450-459. | 8.8 | 24 |
| 4 | The <i>Cycas</i> genome and the early evolution of seed plants. <i>Nature Plants</i> , 2022, 8, 389-401. | 9.3 | 80 |
| 5 | The cellular function of ROP GTPase prenylation is important for multicellularity in the moss <i>Physcomitrium patens</i> . <i>Development (Cambridge)</i> , 2022, 149, . | 2.5 | 5 |
| 6 | Adaptive innovation of green plants by horizontal gene transfer. <i>Biotechnology Advances</i> , 2021, 46, 107671. | 11.7 | 22 |
| 7 | Fungal genes in the innovation and evolution of land plants. <i>Plant Signaling and Behavior</i> , 2021, 16, 1879534. | 2.4 | 1 |
| 8 | Introgressing the <i>Aegilops tauschii</i> genome into wheat as a basis for cereal improvement. <i>Nature Plants</i> , 2021, 7, 774-786. | 9.3 | 65 |
| 9 | Genomic insights into the fast growth of paulownias and the formation of Paulownia witches' broom. <i>Molecular Plant</i> , 2021, 14, 1668-1682. | 8.3 | 39 |
| 10 | Fungal Genes in Plants: Impact and Potential Applications. <i>Trends in Plant Science</i> , 2020, 25, 1064-1067. | 8.8 | 3 |
| 11 | Genome Sequencing of the Endangered <i>Kingdonia uniflora</i> (Circaeasteraceae, Ranunculales) Reveals Potential Mechanisms of Evolutionary Specialization. <i>IScience</i> , 2020, 23, 101124. | 4.1 | 23 |
| 12 | AGAMOUS-LIKE67 Cooperates with the Histone Mark Reader EBS to Modulate Seed Germination under High Temperature. <i>Plant Physiology</i> , 2020, 184, 529-545. | 4.8 | 21 |
| 13 | Evolution and roles of cytokinin genes in angiosperms 2: Do ancient CKXs play housekeeping roles while non-ancient CKXs play regulatory roles?. <i>Horticulture Research</i> , 2020, 7, 29. | 6.3 | 32 |
| 14 | Are fungi-derived genomic regions related to antagonism towards fungi in mosses?. <i>New Phytologist</i> , 2020, 228, 1169-1175. | 7.3 | 8 |
| 15 | Plant Colonization of Land: Mining Genes from Bacteria. <i>Trends in Plant Science</i> , 2020, 25, 317-319. | 8.8 | 3 |
| 16 | A mycorrhizae-like gene regulates stem cell and gametophore development in mosses. <i>Nature Communications</i> , 2020, 11, 2030. | 12.8 | 13 |
| 17 | Expression of FRIGIDA in root inhibits flowering in <i>Arabidopsis thaliana</i> . <i>Journal of Experimental Botany</i> , 2019, 70, 5101-5114. | 4.8 | 17 |
| 18 | The genome of <i>Populus alba</i> x <i>Populus tremula</i> var. <i>glandulosa</i> clone 84K. <i>DNA Research</i> , 2019, 26, 423-431. | 3.4 | 56 |

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|----|--|------|-----------|
| 19 | Genome of <i>Crucihimalaya himalaica</i> , a close relative of <i>Arabidopsis</i> , shows ecological adaptation to high altitude. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 7137-7146. | 7.1 | 108 |
| 20 | ABI5-BINDING PROTEIN2 Coordinates CONSTANS to Delay Flowering by Recruiting the Transcriptional Corepressor TPR2. Plant Physiology, 2019, 179, 477-490. | 4.8 | 29 |
| 21 | Gene refashioning through innovative shifting of reading frames in mosses. Nature Communications, 2018, 9, 1555. | 12.8 | 19 |
| 22 | Horizontal Gene Transfer From Bacteria and Plants to the Arbuscular Mycorrhizal Fungus <i>Rhizophagus irregularis</i> . Frontiers in Plant Science, 2018, 9, 701. | 3.6 | 77 |
| 23 | Re-analyses of "Algal" Genes Suggest a Complex Evolutionary History of Oomycetes. Frontiers in Plant Science, 2017, 8, 1540. | 3.6 | 8 |
| 24 | Why does lateral transfer occur in so many species and how?. Chinese Science Bulletin, 2017, 62, 1221-1225. | 0.7 | 0 |
| 25 | Comparative Transcriptomics of Strawberries (<i>Fragaria</i> spp.) Provides Insights into Evolutionary Patterns. Frontiers in Plant Science, 2016, 7, 1839. | 3.6 | 33 |
| 26 | Origin of the plant Tm-1-like gene via two independent horizontal transfer events and one gene fusion event. Scientific Reports, 2016, 6, 33691. | 3.3 | 7 |
| 27 | Transcriptome sequencing of <i>Crucihimalaya himalaica</i> (Brassicaceae) reveals how <i>Arabidopsis</i> close relative adapt to the Qinghai-Tibet Plateau. Scientific Reports, 2016, 6, 21729. | 3.3 | 47 |
| 28 | Horizontal gene transfer: building the web of life. Nature Reviews Genetics, 2015, 16, 472-482. | 16.3 | 1,018 |
| 29 | Association Analysis of the Maize Gene <i>ZmYS1</i> with Kernel Mineral Concentrations. Plant Molecular Biology Reporter, 2015, 33, 1327-1335. | 1.8 | 3 |
| 30 | Ancient horizontal transfer of transaldolase-like protein gene and its role in plant vascular development. New Phytologist, 2015, 206, 807-816. | 7.3 | 34 |
| 31 | The evolution of photosynthesis in chromist algae through serial endosymbioses. Nature Communications, 2014, 5, 5764. | 12.8 | 130 |
| 32 | Origin of plant auxin biosynthesis in charophyte algae: a reply to Wang et al.. Trends in Plant Science, 2014, 19, 743. | 8.8 | 3 |
| 33 | Proteasome-Mediated Degradation of <i>FRIGIDA</i> Modulates Flowering Time in <i>Arabidopsis</i> during Vernalization. Plant Cell, 2014, 26, 4763-4781. | 6.6 | 71 |
| 34 | Genome-wide and molecular evolution analysis of the subtilase gene family in <i>Vitis vinifera</i> . BMC Genomics, 2014, 15, 1116. | 2.8 | 28 |
| 35 | The evolution of land plants: a perspective from horizontal gene transfer. Acta Societatis Botanicorum Poloniae, 2014, 83, 363-368. | 0.8 | 7 |
| 36 | Root parasitic plant <i>Orobanche aegyptiaca</i> and shoot parasitic plant <i>Cuscuta australis</i> obtained Brassicaceae-specific strictosidine synthase-like genes by horizontal gene transfer. BMC Plant Biology, 2014, 14, 19. | 3.6 | 57 |

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|----|---|------|-----------|
| 37 | Origin of plant auxin biosynthesis. <i>Trends in Plant Science</i> , 2014, 19, 764-770. | 8.8 | 81 |
| 38 | Horizontal gene transfer provides new insights into biological evolution. <i>Chinese Science Bulletin</i> , 2014, 59, 2055-2064. | 0.7 | 1 |
| 39 | AST: An Automated Sequence-Sampling Method for Improving the Taxonomic Diversity of Gene Phylogenetic Trees. <i>PLoS ONE</i> , 2014, 9, e98844. | 2.5 | 1 |
| 40 | Horizontal gene transfer in the evolution of photosynthetic eukaryotes. <i>Journal of Systematics and Evolution</i> , 2013, 51, 13-29. | 3.1 | 23 |
| 41 | The scale and evolutionary significance of horizontal gene transfer in the choanoflagellate <i>Monosiga brevicollis</i> . <i>BMC Genomics</i> , 2013, 14, 729. | 2.8 | 26 |
| 42 | Horizontal gene transfer in eukaryotes: The weak-link model. <i>BioEssays</i> , 2013, 35, 868-875. | 2.5 | 129 |
| 43 | Horizontal gene transfer in the innovation and adaptation of land plants. <i>Plant Signaling and Behavior</i> , 2013, 8, e24130. | 2.4 | 24 |
| 44 | Widespread impact of horizontal gene transfer on plant colonization of land. <i>Nature Communications</i> , 2012, 3, 1152. | 12.8 | 181 |
| 45 | Algal genes in aplastidic eukaryotes are not necessarily derived from historical plastids. <i>Mobile Genetic Elements</i> , 2012, 2, 193-196. | 1.8 | 2 |
| 46 | Ancient gene transfer from algae to animals: Mechanisms and evolutionary significance. <i>BMC Evolutionary Biology</i> , 2012, 12, 83. | 3.2 | 33 |
| 47 | Evolution of Plant Nucleotide-Sugar Interconversion Enzymes. <i>PLoS ONE</i> , 2011, 6, e27995. | 2.5 | 64 |
| 48 | De novo origin of new genes with introns in <i>Plasmodium vivax</i> . <i>FEBS Letters</i> , 2011, 585, 641-644. | 2.8 | 38 |
| 49 | Evidence for acquisition of virulence effectors in pathogenic chytrids. <i>BMC Evolutionary Biology</i> , 2011, 11, 195. | 3.2 | 48 |
| 50 | Analyses of the oligopeptide transporter gene family in poplar and grape. <i>BMC Genomics</i> , 2011, 12, 465. | 2.8 | 64 |
| 51 | EGID: an ensemble algorithm for improved genomic island detection in genomic sequences. <i>Bioinformatics</i> , 2011, 7, 311-314. | 0.5 | 27 |
| 52 | Molecular evolution and phylogeny of the angiosperm <i>ycf2</i> gene. <i>Journal of Systematics and Evolution</i> , 2010, 48, 240-248. | 3.1 | 44 |
| 53 | Algal Genes in the Closest Relatives of Animals. <i>Molecular Biology and Evolution</i> , 2010, 27, 2879-2889. | 8.9 | 38 |
| 54 | Horizontal gene transfer from extinct and extant lineages: biological innovation and the coral of life. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009, 364, 2229-2239. | 4.0 | 61 |

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|----|--|-----|-----------|
| 55 | Analyses of domains and domain fusions in human proto-oncogenes. BMC Bioinformatics, 2009, 10, 88. | 2.6 | 4 |
| 56 | Are algal genes in nonphotosynthetic protists evidence of historical plastid endosymbioses?. BMC Genomics, 2009, 10, 484. | 2.8 | 76 |
| 57 | The cellulose synthase superfamily in fully sequenced plants and algae. BMC Plant Biology, 2009, 9, 99. | 3.6 | 143 |
| 58 | Ancient Gene Transfer as a Tool in Phylogenetic Reconstruction. Methods in Molecular Biology, 2009, 532, 127-139. | 0.9 | 20 |
| 59 | Concerted gene recruitment in early plant evolution. Genome Biology, 2008, 9, R109. | 9.6 | 46 |
| 60 | Did an ancient chlamydial endosymbiosis facilitate the establishment of primary plastids?. Genome Biology, 2007, 8, R99. | 9.6 | 165 |
| 61 | Ancient horizontal gene transfer can benefit phylogenetic reconstruction. Trends in Genetics, 2006, 22, 361-366. | 6.7 | 71 |
| 62 | The Presence of a Haloarchaeal Type Tyrosyl-tRNA Synthetase Marks the Opisthokonts as Monophyletic. Molecular Biology and Evolution, 2005, 22, 2142-2146. | 8.9 | 43 |
| 63 | Gene transfer in the evolution of parasite nucleotide biosynthesis. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 3154-3159. | 7.1 | 195 |
| 64 | A first glimpse into the pattern and scale of gene transfer in the Apicomplexa. International Journal for Parasitology, 2004, 34, 265-274. | 3.1 | 90 |
| 65 | Phylogenomic evidence supports past endosymbiosis, intracellular and horizontal gene transfer in <i>Cryptosporidium parvum</i> . Genome Biology, 2004, 5, R88. | 9.6 | 141 |