# Fan Chen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9327535/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 64<br>papers | 5,004<br>citations | 134610<br>34<br>h-index | 150775<br>59<br>g-index |
| 64<br>all docs | 64<br>docs citations | 64<br>times ranked | 6389<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Fusion of the SRDX motif to OsPIL11 or OsPIL16 causes rice constitutively photomorphogenic phenotypes in darkness. Plant Growth Regulation, 2022, 96, 157-175. | 1.8 | 2 |
| 2 | An efficient screening system to identify proteinâ€“protein or proteinâ€“DNA interaction partners of rice transcription factors. Journal of Genetics and Genomics, 2022, 49, 979-981. | 1.7 | 3 |
| 3 | Regulation of nitrogen starvation responses by the alarmone (p)ppGpp in rice. Journal of Genetics and Genomics, 2022, 49, 469-480. | 1.7 | 12 |
| 4 | Translational repression of <scp>FZP</scp> mediated by <scp>CU</scp>â€rich element/<scp>OsPTB</scp> interactions modulates panicle development in rice. Plant Journal, 2022, 110, 1319-1331. | 2.8 | 7 |
| 5 | The Ghd7 transcription factor represses ARE1 expression to enhance nitrogen utilization and grain yield in rice. Molecular Plant, 2021, 14, 1012-1023. | 3.9 | 36 |
| 6 | The Welwitschia genome reveals aÂunique biology underpinning extreme longevity in deserts. Nature Communications, 2021, 12, 4247. | 5.8 | 51 |
| 7 | A phosphate starvation response-centered network regulates mycorrhizal symbiosis. Cell, 2021, 184, 5527-5540.e18. | 13.5 | 151 |
| 8 | OsWUS promotes tiller bud growth by establishing weak apical dominance in rice. Plant Journal, 2020, 104, 1635-1647. | 2.8 | 20 |
| 9 | OsABAR1, a novel GRAM domain-containing protein, confers drought and salt tolerance via an ABA-dependent pathway in rice. Plant Physiology and Biochemistry, 2020, 152, 138-146. | 2.8 | 14 |
| 10 | Liquid-Liquid Phase Transition Drives Intra-chloroplast Cargo Sorting. Cell, 2020, 180, 1144-1159.e20. | 13.5 | 70 |
| 11 | CHR721, interacting with OsRPA1a, is essential for both male and female reproductive development in rice. Plant Molecular Biology, 2020, 103, 473-487. | 2.0 | 5 |
| 12 | Nondestructive 3D Image Analysis Pipeline to Extract Rice Grain Traits Using X-Ray Computed Tomography. Plant Phenomics, 2020, 2020, 3414926. | 2.5 | 25 |
| 13 | Ef-cd locus shortens rice maturity duration without yield penalty. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 18717-18722. | 3.3 | 77 |
| 14 | Tiller Bud Formation Regulators MOC1 and MOC3 Cooperatively Promote Tiller Bud Outgrowth by Activating FON1 Expression in Rice. Molecular Plant, 2019, 12, 1090-1102. | 3.9 | 93 |
| 15 | Genetic variations in ARE1 mediate grain yield by modulating nitrogen utilization in rice. Nature Communications, 2018, 9, 735. | 5.8 | 82 |
| 16 | Dr. Yang Zhong: An explorer on the road forever. Protein and Cell, 2018, 9, 141-144. | 4.8 | 0 |
| 17 | Discovery of A high-altitude ecotype and ancient lineage of Arabidopsis thaliana from Tibet. Science Bulletin, 2017, 62, 1628-1630. | 4.3 | 15 |
| 18 | What is the basis of variation in stress tolerance in plants?. Chinese Science Bulletin, 2017, 62, 3295-3301. | 0.4 | 0 |

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|---|---|---|---|
| 19 | The genome and transcriptome of Trichormus sp. NMC-1: insights into adaptation to extreme environments on the Qinghai-Tibet Plateau. Scientific Reports, 2016, 6, 29404. | 1.6 | 33 |
| 20 | OsBBX14 delays heading date by repressing florigen gene expression under long and short-day conditions in rice. Plant Science, 2016, 247, 25-34. | 1.7 | 36 |
| 21 | Os<scp>MAPK</scp>6, a mitogenâ€activated protein kinase, influences rice grain size and biomass production. Plant Journal, 2015, 84, 672-681. | 2.8 | 159 |
| 22 | Integrated genome sequence and linkage map of physic nut (Jatropha curcas L.), a biodiesel plant. Plant Journal, 2015, 81, 810-821. | 2.8 | 149 |
| 23 | Rice TUTOU1 Encodes a Suppressor of cAMP Receptor-Like Protein That Is Important for Actin Organization and Panicle Development. Plant Physiology, 2015, 169, 1179-1191. | 2.3 | 59 |
| 24 | PAB is an assembly chaperone that functions downstream of chaperonin 60 in the assembly of chloroplast ATP synthase coupling factor 1. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 4152-4157. | 3.3 | 38 |
| 25 | Proteomic analysis of oil bodies in mature Jatropha curcas seeds with different lipid content. Journal of Proteomics, 2015, 113, 403-414. | 1.2 | 29 |
| 26 | Os<scp>ABCB</scp>14 functions in auxin transport and iron homeostasis in rice (Oryza) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 T | 2.8 | 75 |
| 27 | Overexpression of OsPIL15, a phytochromeâ€interacting factorâ€like protein gene, represses etiolated seedling growth in rice. Journal of Integrative Plant Biology, 2014, 56, 373-387. | 4.1 | 43 |
| 28 | Overexpression of microRNA OsmiR397 improves rice yield by increasing grain size and promoting panicle branching. Nature Biotechnology, 2013, 31, 848-852. | 9.4 | 401 |
| 29 | PSBP-DOMAIN PROTEIN1, a Nuclear-Encoded Thylakoid Lumenal Protein, Is Essential for Photosystem I Assembly in Arabidopsis Â. Plant Cell, 2013, 24, 4992-5006. | 3.1 | 110 |
| 30 | The Histone Methyltransferase SDG724 Mediates H3K36me2/3 Deposition at MADS50 and RFT1 and Promotes Flowering in Rice. Plant Cell, 2012, 24, 3235-3247. | 3.1 | 112 |
| 31 | Global Analysis of Gene Expression Profiles in Developing Physic Nut (Jatropha curcas L.) Seeds. PLoS ONE, 2012, 7, e36522. | 1.1 | 76 |
| 32 | Functional analysis of the rice rubisco activase promoter in transgenic Arabidopsis. Biochemical and Biophysical Research Communications, 2012, 418, 565-570. | 1.0 | 12 |
| 33 | Overexpression of a phytochrome-regulated tandem zinc finger protein gene, OsTZF1, confers hypersensitivity to ABA and hyposensitivity to red light and far-red light in rice seedlings. Plant Cell Reports, 2012, 31, 1333-1343. | 2.8 | 12 |
| 34 | Phytochrome B control of total leaf area and stomatal density affects drought tolerance in rice. Plant Molecular Biology, 2012, 78, 289-300. | 2.0 | 128 |
| 35 | LAX PANICLE2of Rice Encodes a Novel Nuclear Protein and Regulates the Formation of Axillary Meristems. Plant Cell, 2011, 23, 3276-3287. | 3.1 | 221 |
| 36 | A putative flowering-time-related Dof transcription factor gene, JcDof3, is controlled by the circadian clock in Jatropha curcas. Plant Science, 2011, 181, 667-674. | 1.7 | 46 |

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|---|---|---|---|
| 37 | LTD is a protein required for sorting light-harvesting chlorophyll-binding proteins to the chloroplast SRP pathway. Nature Communications, 2011, 2, 277. | 5.8 | 60 |
| 38 | HCF243 Encodes a Chloroplast-Localized Protein Involved in the D1 Protein Stability of the Arabidopsis Photosystem II Complex Â Â. Plant Physiology, 2011, 157, 608-619. | 2.3 | 22 |
| 39 | Rice ABI5-Like1 Regulates Abscisic Acid and Auxin Responses by Affecting the Expression of ABRE-Containing Genes Â Â. Plant Physiology, 2011, 156, 1397-1409. | 2.3 | 119 |
| 40 | Adaptive evolution and structure modeling of rbcL gene in Ephedra. Science Bulletin, 2010, 55, 2341-2346. | 1.7 | 5 |
| 41 | Abscisic acid pretreatment enhances salt tolerance of rice seedlings: Proteomic evidence. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2010, 1804, 929-940. | 1.1 | 136 |
| 42 | JcDof1, a Dof transcription factor gene, is associated with the light-mediated circadian clock inJatropha curcas. Physiologia Plantarum, 2010, 139, 324-34. | 2.6 | 24 |
| 43 | Identification of novel stress-regulated microRNAs from Oryza sativa L.. Genomics, 2010, 95, 47-55. | 1.3 | 105 |
| 44 | Photosynthetic metabolism of C <sub>3</sub> plants shows highly cooperative regulation under changing environments: A systems biological analysis. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 847-852. | 3.3 | 55 |
| 45 | Identification and characterization of bZIPâ€type transcription factors involved in carrot (Daucus) Tj ETQq1 1 0.784314 rgBT /Ove | 2.8 | 76 |
| 46 | Proteomic Analysis of Oil Mobilization in Seed Germination and Postgermination Development of Jatropha curcas. Journal of Proteome Research, 2009, 8, 1441-1451. | 1.8 | 107 |
| 47 | Duplication and adaptive evolution of the COR15 genes within the highly cold-tolerant Draba lineage (Brassicaceae). Gene, 2009, 441, 36-44. | 1.0 | 26 |
| 48 | A bZIP transcription factor, OsABI5, is involved in rice fertility and stress tolerance. Plant Molecular Biology, 2008, 66, 675-683. | 2.0 | 348 |
| 49 | Overexpression of a rice OsDREB1F gene increases salt, drought, and low temperature tolerance in both Arabidopsis and rice. Plant Molecular Biology, 2008, 67, 589-602. | 2.0 | 389 |
| 50 | DFL, a FLORICAULA/LEAFY homologue gene from Dendranthema lavandulifolium is expressed both in the vegetative and reproductive tissues. Plant Cell Reports, 2008, 27, 647-654. | 2.8 | 36 |
| 51 | Mutations of genes in synthesis of the carotenoid precursors of ABA lead to preâ€harvest sprouting and photoâ€oxidation in rice. Plant Journal, 2008, 54, 177-189. | 2.8 | 265 |
| 52 | The Pentratricopeptide Repeat Protein DELAYED GREENING1 Is Involved in the Regulation of Early Chloroplast Development and Chloroplast Gene Expression in Arabidopsis Â Â. Plant Physiology, 2008, 147, 573-584. | 2.3 | 107 |
| 53 | Characterization of alternative splicing products of bZIP transcription factors OsABI5. Biochemical and Biophysical Research Communications, 2007, 360, 307-313. | 1.0 | 72 |
| 54 | Proteomic analysis of rice (Oryza sativa) seeds during germination. Proteomics, 2007, 7, 3358-3368. | 1.3 | 263 |

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|---|---|---|---|
| 55 | Molecular cloning and function analysis of the stay green gene in rice. Plant Journal, 2007, 52, 197-209. | 2.8 | 249 |
| 56 | Isolation and functional characterization of the JcERF gene, a putative AP2/EREBP domain-containing transcription factor, in the woody oil plant Jatropha curcas. Plant Molecular Biology, 2007, 63, 419-428. | 2.0 | 90 |
| 57 | Identification of Festuca arundinacea Schreb Cat1 Catalase Gene and Analysis of its Expression Under Abiotic Stresses. Journal of Integrative Plant Biology, 2006, 48, 334-340. | 4.1 | 6 |
| 58 | Isolation and characterization of a novelcis-acting sequences regulating root-specific gene fromDaucus carota L. Science Bulletin, 2004, 49, 2393-2398. | 1.7 | 0 |
| 59 | Construction of a binary BAC library for an apomictic monosomic addition line of Beta corolliflora in sugar beet and identification of the clones derived from the alien chromosome. Theoretical and Applied Genetics, 2004, 108, 1420-1425. | 1.8 | 16 |
| 60 | Isolation of transcription factors binding auxin response elements using a yeast one-hybrid system. Science in China Series C: Life Sciences, 2002, 45, 177. | 1.3 | 3 |
| 61 | Development of a scar marker for the Ph1 Locus in common wheat and its application. Crop Science, 2002, 42, 1365-1368. | 0.8 | 22 |
| 62 | GENE EXPRESSION DURING CARROT SOMATIC EMBRYOGENESIS. , 2001, , 263-275. | | 0 |
| 63 | Cloning oflea cDNA fragment of carrot (Daucus carota L.) and analysis of its expression features. Science Bulletin, 2000, 45, 156-160. | 1.7 | 1 |
| 64 | Isolation of cDNA fragment of fertility-related gene in photoperiod-sensitive genic male sterile rice. Science Bulletin, 1998, 43, 2082-2087. | 1.7 | 0 |