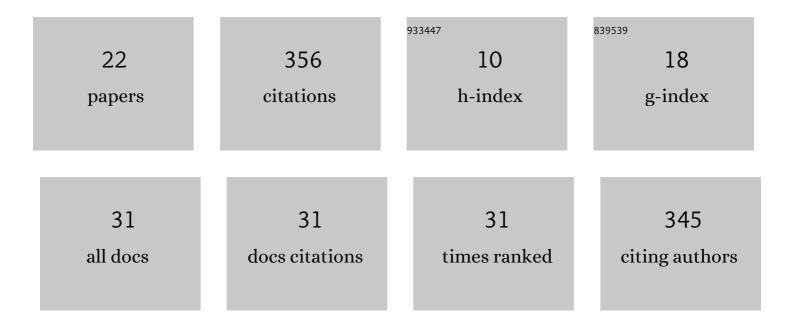
Xiyue Song

List of Publications by Year in descending order

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XIVUE SONC

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | The gene TaPG encoding a polygalacturonase is critical for pollen development and male fertility in thermo-sensitive cytoplasmic male-sterility wheat. Gene, 2022, 833, 146596. | 2.2 | 5 |
| 2 | Genome-wide analysis of GELP gene family in wheat and validation of TaGELP073 involved in anther and pollen development. Environmental and Experimental Botany, 2022, 200, 104914. | 4.2 | 2 |
| 3 | Genome-wide analysis of invertase gene family in wheat (Triticum aestivum L.) indicates involvement of TaCWINVs in pollen development. Plant Growth Regulation, 2022, 98, 77-89. | 3.4 | 2 |
| 4 | Identification and validation of genetic locus Rfk1 for wheat fertility restoration in the presence of Aegilops kotschyi cytoplasm. Theoretical and Applied Genetics, 2021, 134, 875-885. | 3.6 | 5 |
| 5 | Identification and verification of genes related to pollen development and male sterility induced by high temperature in the thermo-sensitive genic male sterile wheat line. Planta, 2021, 253, 83. | 3.2 | 17 |
| 6 | Fine mapping and validation of a major QTL for grain weight on chromosome 5B in bread wheat. Theoretical and Applied Genetics, 2021, 134, 3731-3741. | 3.6 | 14 |
| 7 | Comprehensive analysis of LIM gene family in wheat reveals the involvement of TaLIM2 in pollen development. Plant Science, 2021, 314, 111101. | 3.6 | 7 |
| 8 | Blocked synthesis of sporopollenin and jasmonic acid leads to pollen wall defects and anther indehiscence in genic male sterile wheat line 4110S at high temperatures. Functional and Integrative Genomics, 2020, 20, 383-396. | 3.5 | 17 |
| 9 | Identification and validation of genetic loci for tiller angle in bread wheat. Theoretical and Applied Genetics, 2020, 133, 3037-3047. | 3.6 | 11 |
| 10 | Comprehensive analysis of polygalacturonase gene family highlights candidate genes related to pollen development and male fertility in wheat (Triticum aestivum L.). Planta, 2020, 252, 31. | 3.2 | 7 |
| 11 | Genome-Wide Investigation of Heat Shock Transcription Factor Family in Wheat (Triticum aestivum L.) and Possible Roles in Anther Development. International Journal of Molecular Sciences, 2020, 21, 608. | 4.1 | 23 |
| 12 | Comparative transcriptome analysis indicates that a core transcriptional network mediates isonuclear alloplasmic male sterility in wheat (Triticum aestivum L.). BMC Plant Biology, 2020, 20, 10. | 3.6 | 21 |
| 13 | Comparative transcriptome analysis indicates conversion of stamens into pistil-like structures in male sterile wheat (Triticum aestivum L.) with Aegilops crassa cytoplasm. BMC Genomics, 2020, 21, 124. | 2.8 | 5 |
| 14 | Analysis of metabolic pathways related to fertility restoration and identification of fertility candidate genes associated with Aegilops kotschyi cytoplasm in wheat (Triticum aestivum L.). BMC Plant Biology, 2019, 19, 252. | 3.6 | 9 |
| 15 | Identification of genes related to the regulation of anther and pollen development in Mu-type cytoplasmic male sterile wheat (Triticum aestivum) by transcriptome analysis. Crop and Pasture Science, 2019, 70, 306. | 1.5 | 5 |
| 16 | A Sterility Induction Trait in the Genic Male Sterility Wheat Line 4110S Induced by High Temperature and its Cytological Response. Crop Science, 2018, 58, 1866-1876. | 1.8 | 12 |
| 17 | Oxidative Stress and Aberrant Programmed Cell Death Are Associated With Pollen Abortion in Isonuclear Alloplasmic Male-Sterile Wheat. Frontiers in Plant Science, 2018, 9, 595. | 3.6 | 37 |
| 18 | iTRAQ-Based Proteomics Analyses of Sterile/Fertile Anthers from a Thermo-Sensitive Cytoplasmic Male-Sterile Wheat with Aegilops kotschyi Cytoplasm. International Journal of Molecular Sciences, 2018, 19, 1344. | 4.1 | 11 |

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|----|--|-----|-----------|
| 19 | Identification of Proteins Involved in Carbohydrate Metabolism and Energy Metabolism Pathways and Their Regulation of Cytoplasmic Male Sterility in Wheat. International Journal of Molecular Sciences, 2018, 19, 324. | 4.1 | 47 |
| 20 | Tapetal-Delayed Programmed Cell Death (PCD) and Oxidative Stress-Induced Male Sterility of Aegilops uniaristata Cytoplasm in Wheat. International Journal of Molecular Sciences, 2018, 19, 1708. | 4.1 | 41 |
| 21 | Identification of Candidate Genes and Biosynthesis Pathways Related to Fertility Conversion by Wheat KTM3315A Transcriptome Profiling. Frontiers in Plant Science, 2017, 8, 449. | 3.6 | 31 |
| 22 | Cytological characterization of a thermo-sensitive cytoplasmic male-sterile wheat line having K-type cytoplasm of <i>Aegilops kotschyi</i> . Breeding Science, 2016, 66, 752-761. | 1.9 | 25 |