Xiaosan Huang

List of Publications by Year
in descending order

25 papers	1,934 citations	471371 17 h-index	580701 25 g-index
25 all docs	25 docs citations	25 times ranked	1966 citing authors

#	Article	IF	Citations
1	A WRKY transcription factor PbWRKY40 from Pyrus betulaefolia functions positively in salt tolerance and modulating organic acid accumulation by regulating PbVHA-B1 expression. Environmental and Experimental Botany, 2022, 196, 104782.	2.0	30
2	Maize bHLH55 functions positively in salt tolerance through modulation of AsA biosynthesis by directly regulating GDP-mannose pathway genes. Plant Science, 2021, 302, 110676.	1.7	26
3	Genome-wide identification of PbrbHLH family genes, and expression analysis in response to drought and cold stresses in pear (Pyrus bretschneideri). BMC Plant Biology, 2021, 21, 86.	1.6	39
4	Genome-wide identification and functional analysis of U-box E3 ubiquitin ligases gene family related to drought stress response in Chinese white pear (Pyrus bretschneideri). BMC Plant Biology, 2021, 21, 235.	1.6	26
5	CAD Genes: Genome-Wide Identification, Evolution, and Their Contribution to Lignin Biosynthesis in Pear (Pyrus bretschneideri). Plants, 2021, 10, 1444.	1.6	6
6	Multi-Omics Analysis Reveals the Dynamic Changes of RNA N6-Methyladenosine in Pear (Pyrus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54 Microbiology, 2021, 12, 803512.	1.5	3
7	Genome-wide identification and expression analysis of the bZIP transcription factors, and functional analysis in response to drought and cold stresses in pear (Pyrus breschneideri). BMC Plant Biology, 2021, 21, 583.	1.6	23
8	A novel MYB transcription factor regulates ascorbic acid synthesis and affects cold tolerance. Plant, Cell and Environment, 2019, 42, 832-845.	2.8	98
9	The Î²-amylase PbrBAM3 from pear (Pyrus betulaefolia) regulates soluble sugar accumulation and ROS homeostasis in response to cold stress. Plant Science, 2019, 287, 110184.	1.7	52
10	Overexpression of PtrbHLH, a basic helix-loop-helix transcription factor from Poncirus trifoliata, confers enhanced cold tolerance in pummelo (Citrus grandis) by modulation of H2O2 level via regulating a CAT gene. Tree Physiology, 2019, 39, 2045-2054.	1.4	21
11	Overexpression of PbrNHX2 gene, a Na+/H+ antiporter gene isolated from Pyrus betulaefolia, confers enhanced tolerance to salt stress via modulating ROS levels. Plant Science, 2019, 285, 14-25.	1.7	16
12	Genome-wide analyses and expression patterns under abiotic stress of NAC transcription factors in white pear (Pyrus bretschneideri). BMC Plant Biology, 2019, 19, 161.	1.6	41
13	A WRKY transcription factor PbrWRKY53 from Pyrus betulaefolia is involved in drought tolerance and AsA accumulation. Plant Biotechnology Journal, 2019, 17, 1770-1787.	4.1	93
14	Transcriptomic and evolutionary analyses of white pear (Pyrus bretschneideri) Î²-amylase genes reveals their importance for cold and drought stress responses. Gene, 2019, 689, 102-113.	1.0	22
15	The mining and evolutionary investigation of AP2/ERF genes in pear (Pyrus). BMC Plant Biology, 2018, 18, 46.	1.6	41
16	Deep sequencing-based characterization of transcriptome of Pyrus ussuriensis in response to cold stress. Gene, 2018, 661, 109-118.	1.0	30
17	ViewBS: a powerful toolkit for visualization of high-throughput bisulfite sequencing data. Bioinformatics, 2018, 34, 708-709.	1.8	44
18	A MADS-box transcription factor of â€˜Kuerlexiangliâ€™(Pyrus sinkiangensis Yu) PsJOINTLESS gene functions in floral organ abscission. Gene, 2018, 642, 163-171.	1.0	9

#	Article	IF	Citations
19	Diversification and independent domestication of Asian and European pears. Genome Biology, 2018, 19, 77.	3.8	149
20	Pbr<scp>MYB</scp>21, a novel <scp>MYB</scp> protein of Pyrus betulaefolia, functions in drought tolerance and modulates polyamine levels by regulating arginine decarboxylase gene. Plant Biotechnology Journal, 2017, 15, 1186-1203.	4.1	99
21	ICE1 of Pyrus ussuriensis functions in cold tolerance by enhancing PuDREBa transcriptional levels through interacting with PuHHP1. Scientific Reports, 2015, 5, 17620.	1.6	94
22	Genome-wide analysis of WRKY transcription factors in white pear (Pyrus bretschneideri) reveals evolution and patterns under drought stress. BMC Genomics, 2015, 16, 1104.	1.2	76
23	Overexpression of PbDHAR2 from Pyrus sinkiangensis in Transgenic Tomato Confers Enhanced Tolerance to Salt and Chilling Stresses. Hortscience: A Publication of the American Society for Hortcultural Science, 2015, 50, 789-796.	0.5	12
24	Overexpression of a stress-responsive MYB transcription factor of Poncirus trifoliata confers enhanced dehydration tolerance and increases polyamine biosynthesis. Plant Physiology and Biochemistry, 2014, 78, 71-79.	2.8	52
25	The genome of the pear (Pyrus bretschneideri Rehd.). Genome Research, 2013, 23, 396-408.	2.4	832