

Xiaosan Huang

List of Publications by Year in descending order

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Version: 2024-02-01

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	The genome of the pear (<i>Pyrus bretschneideri</i> Rehd.). <i>Genome Research</i> , 2013, 23, 396-408.	2.4	832
2	Diversification and independent domestication of Asian and European pears. <i>Genome Biology</i> , 2018, 19, 77.	3.8	149
3	<i>PbrMYB21</i> , a novel MYB protein of <i>Pyrus betulaefolia</i> , functions in drought tolerance and modulates polyamine levels by regulating arginine decarboxylase gene. <i>Plant Biotechnology Journal</i> , 2017, 15, 1186-1203.	4.1	99
4	A novel MYB transcription factor regulates ascorbic acid synthesis and affects cold tolerance. <i>Plant, Cell and Environment</i> , 2019, 42, 832-845.	2.8	98
5	ICE1 of <i>Pyrus ussuriensis</i> functions in cold tolerance by enhancing PuDREBa transcriptional levels through interacting with PuHHP1. <i>Scientific Reports</i> , 2015, 5, 17620.	1.6	94
6	A WRKY transcription factor <i>PbrWRKY53</i> from <i>Pyrus betulaefolia</i> is involved in drought tolerance and AsA accumulation. <i>Plant Biotechnology Journal</i> , 2019, 17, 1770-1787.	4.1	93
7	Genome-wide analysis of WRKY transcription factors in white pear (<i>Pyrus bretschneideri</i>) reveals evolution and patterns under drought stress. <i>BMC Genomics</i> , 2015, 16, 1104.	1.2	76
8	Overexpression of a stress-responsive MYB transcription factor of <i>Poncirus trifoliata</i> confers enhanced dehydration tolerance and increases polyamine biosynthesis. <i>Plant Physiology and Biochemistry</i> , 2014, 78, 71-79.	2.8	52
9	The β -amylase <i>PbrBAM3</i> from pear (<i>Pyrus betulaefolia</i>) regulates soluble sugar accumulation and ROS homeostasis in response to cold stress. <i>Plant Science</i> , 2019, 287, 110184.	1.7	52
10	ViewBS: a powerful toolkit for visualization of high-throughput bisulfite sequencing data. <i>Bioinformatics</i> , 2018, 34, 708-709.	1.8	44
11	The mining and evolutionary investigation of AP2/ERF genes in pear (<i>Pyrus</i>). <i>BMC Plant Biology</i> , 2018, 18, 46.	1.6	41
12	Genome-wide analyses and expression patterns under abiotic stress of NAC transcription factors in white pear (<i>Pyrus bretschneideri</i>). <i>BMC Plant Biology</i> , 2019, 19, 161.	1.6	41
13	Genome-wide identification of <i>PbrbHLH</i> family genes, and expression analysis in response to drought and cold stresses in pear (<i>Pyrus bretschneideri</i>). <i>BMC Plant Biology</i> , 2021, 21, 86.	1.6	39
14	Deep sequencing-based characterization of transcriptome of <i>Pyrus ussuriensis</i> in response to cold stress. <i>Gene</i> , 2018, 661, 109-118.	1.0	30
15	A WRKY transcription factor <i>PbWRKY40</i> from <i>Pyrus betulaefolia</i> functions positively in salt tolerance and modulating organic acid accumulation by regulating <i>PbVHA-B1</i> expression. <i>Environmental and Experimental Botany</i> , 2022, 196, 104782.	2.0	30
16	Maize <i>bHLH55</i> functions positively in salt tolerance through modulation of AsA biosynthesis by directly regulating GDP-mannose pathway genes. <i>Plant Science</i> , 2021, 302, 110676.	1.7	26
17	Genome-wide identification and functional analysis of U-box E3 ubiquitin ligases gene family related to drought stress response in Chinese white pear (<i>Pyrus bretschneideri</i>). <i>BMC Plant Biology</i> , 2021, 21, 235.	1.6	26
18	Genome-wide identification and expression analysis of the bZIP transcription factors, and functional analysis in response to drought and cold stresses in pear (<i>Pyrus breschneideri</i>). <i>BMC Plant Biology</i> , 2021, 21, 583.	1.6	23

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19	Transcriptomic and evolutionary analyses of white pear (<i>Pyrus bretschneideri</i>) α -amylase genes reveals their importance for cold and drought stress responses. <i>Gene</i> , 2019, 689, 102-113.	1.0	22
20	Overexpression of PtrbHLH, a basic helix-loop-helix transcription factor from <i>Poncirus trifoliata</i> , confers enhanced cold tolerance in pummelo (<i>Citrus grandis</i>) by modulation of H ₂ O ₂ level via regulating a CAT gene. <i>Tree Physiology</i> , 2019, 39, 2045-2054.	1.4	21
21	Overexpression of PbrNHX2 gene, a Na ⁺ /H ⁺ antiporter gene isolated from <i>Pyrus betulaefolia</i> , confers enhanced tolerance to salt stress via modulating ROS levels. <i>Plant Science</i> , 2019, 285, 14-25.	1.7	16
22	Overexpression of PbDCHAR2 from <i>Pyrus sinkiangensis</i> in Transgenic Tomato Confers Enhanced Tolerance to Salt and Chilling Stresses. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2015, 50, 789-796.	0.5	12
23	A MADS-box transcription factor of <i>Pyrus sinkiangensis</i> (Yu) PsJOINTLESS gene functions in floral organ abscission. <i>Gene</i> , 2018, 642, 163-171.	1.0	9
24	CAD Genes: Genome-Wide Identification, Evolution, and Their Contribution to Lignin Biosynthesis in Pear (<i>Pyrus bretschneideri</i>). <i>Plants</i> , 2021, 10, 1444.	1.6	6
25	Multi-Omics Analysis Reveals the Dynamic Changes of RNA N ⁶ -Methyladenosine in Pear (<i>Pyrus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 <i>Microbiology</i> , 2021, 12, 803512.	1.5	3