

Fei Cheng

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

619
citations

759233

12
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

681
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellular glutathione redox homeostasis plays an important role in the brassinosteroid-induced increase in CO ₂ assimilation in <i>Cucumis sativus</i> . <i>New Phytologist</i> , 2012, 194, 932-943.	7.3	120
2	Redox Signaling and CBF-Responsive Pathway Are Involved in Salicylic Acid-Improved Photosynthesis and Growth under Chilling Stress in Watermelon. <i>Frontiers in Plant Science</i> , 2016, 7, 1519.	3.6	63
3	The protein kinase CPK28 phosphorylates ascorbate peroxidase and enhances thermotolerance in tomato. <i>Plant Physiology</i> , 2021, 186, 1302-1317.	4.8	61
4	Wheat Intercropping Enhances the Resistance of Watermelon to Fusarium Wilt. <i>Frontiers in Plant Science</i> , 2018, 9, 696.	3.6	56
5	Improving magnesium uptake, photosynthesis and antioxidant enzyme activities of watermelon by grafting onto pumpkin rootstock under low magnesium. <i>Plant and Soil</i> , 2016, 409, 229-246.	3.7	54
6	Evaluation of Appropriate Reference Genes for Gene Expression Normalization during Watermelon Fruit Development. <i>PLoS ONE</i> , 2015, 10, e0130865.	2.5	40
7	Ectopic Expression of Pumpkin NAC Transcription Factor CmNAC1 Improves Multiple Abiotic Stress Tolerance in Arabidopsis. <i>Frontiers in Plant Science</i> , 2017, 8, 2052.	3.6	38
8	iTRAQ-based quantitative proteomics analysis of cold stress-induced mechanisms in grafted watermelon seedlings. <i>Journal of Proteomics</i> , 2019, 192, 311-320.	2.4	36
9	Interactions between 2-Cys peroxiredoxins and ascorbate in autophagosome formation during the heat stress response in <i>Solanum lycopersicum</i> . <i>Journal of Experimental Botany</i> , 2016, 67, 1919-1933.	4.8	34
10	Chloroplastic thioredoxin-f and thioredoxin-m1/4 play important roles in brassinosteroids-induced changes in CO ₂ assimilation and cellular redox homeostasis in tomato. <i>Journal of Experimental Botany</i> , 2014, 65, 4335-4347.	4.8	32
11	Temperature sensitivity of soil organic matter mineralization decreases with long-term N fertilization: Evidence from four Q ₁₀ estimation approaches. <i>Land Degradation and Development</i> , 2020, 31, 683-693.	3.9	29
12	Using rootstock to increase watermelon fruit yield and quality at low potassium supply: A comprehensive analysis from agronomic, physiological and transcriptional perspective. <i>Scientia Horticulturae</i> , 2018, 241, 144-151.	3.6	19
13	Grafting Watermelon Onto Pumpkin Increases Chilling Tolerance by Up Regulating Arginine Decarboxylase to Increase Putrescine Biosynthesis. <i>Frontiers in Plant Science</i> , 2021, 12, 812396.	3.6	13
14	NMR-based fruit metabonomic analysis of watermelon grafted onto different rootstocks under two potassium levels. <i>Scientia Horticulturae</i> , 2019, 258, 108793.	3.6	8
15	High relative humidity improve chilling tolerance by maintaining leaf water potential in watermelon seedlings. <i>Plant Physiology and Biochemistry</i> , 2021, 166, 818-826.	5.8	8
16	CmRCC1 Gene From Pumpkin Confers Cold Tolerance in Tobacco by Modulating Root Architecture and Photosynthetic Activity. <i>Frontiers in Plant Science</i> , 2021, 12, 765302.	3.6	5
17	Spatial-Temporal Response of Reactive Oxygen Species and Salicylic Acid Suggest Their Interaction in Pumpkin Rootstock-Induced Chilling Tolerance in Watermelon Plants. <i>Antioxidants</i> , 2021, 10, 2024.	5.1	3