Si-Jun Zheng

List of Publications by Year
in descending order

36 papers	2,108 citations	331670 21 h-index	361022 35 g-index
39 all docs	39 docs citations	39 times ranked	2305 citing authors

#	Article	IF	Citations
1	Helping plants to deal with insects: the role of beneficial soil-borne microbes. Trends in Plant Science, 2010, 15, 507-514.	8.8	528
2	Whiteflies interfere with indirect plant defense against spider mites in Lima bean. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 21202-21207.	7.1	247
3	Plantâ€mediated facilitation between a leafâ€feeding and a phloemâ€feeding insect in a brassicaceous plant: from insect performance to gene transcription. Functional Ecology, 2012, 26, 156-166.	3.6	146
4	Identification and evaluation of resistance to Fusarium oxysporum f. sp. cubense tropical race 4 in Musa acuminata Pahang. Euphytica, 2018, 214, 1.	1.2	137
5	Jasmonate and ethylene signaling mediate whiteflyâ€induced interference with indirect plant defense in Arabidopsis thaliana. New Phytologist, 2013, 197, 1291-1299.	7.3	109
6	New Geographical Insights of the Latest Expansion of Fusarium oxysporum f.sp. cubense Tropical Race 4 Into the Greater Mekong Subregion. Frontiers in Plant Science, 2018, 9, 457.	3.6	96
7	Sensitivity and Speed of Induced Defense of Cabbage (Brassica oleracea L.): Dynamics of BoLOX Expression Patterns During Insect and Pathogen Attack. Molecular Plant-Microbe Interactions, 2007, 20, 1332-1345.	2.6	89
8	Parasitoid-specific induction of plant responses to parasitized herbivores affects colonization by subsequent herbivores. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 19647-19652.	7.1	82
9	Ecological Genomics of Plant-Insect Interactions: From Gene to Community Â. Plant Physiology, 2008, 146, 812-817.	4.8	78
10	Effect of cytokinins on shoot regeneration from cotyledon and leaf segment of stem mustard (Brassica juncea var. tsatsai). Plant Cell, Tissue and Organ Culture, 2005, 83, 123-127.	2.3	63
11	Banana Fusarium Wilt (Fusarium oxysporum f. sp. cubense) Control and Resistance, in the Context of Developing Wilt-resistant Bananas Within Sustainable Production Systems. Horticultural Plant Journal, 2018, 4, 208-218.	5.0	46
12	Comparative transcriptome analysis reveals resistance-related genes and pathways in Musa acuminata banana 'Guijiao 9' in response to Fusarium wilt. Plant Physiology and Biochemistry, 2019, 141, 83-94.	5.8	44
13	Title is missing!. Molecular Breeding, 2001, 7, 101-115.	2.1	43
14	Title is missing!. Plant Cell, Tissue and Organ Culture, 1998, 53, 99-105.	2.3	40
15	Disruption of plant carotenoid biosynthesis through virusâ€induced gene silencing affects oviposition behaviour of the butterfly Pieris rapae. New Phytologist, 2010, 186, 733-745.	7.3	40
16	Transcriptomic analysis of resistant and susceptible banana corms in response to infection by Fusarium oxysporum f. sp. cubense tropical race 4. Scientific Reports, 2019, 9, 8199.	3.3	40
17	Two different Bacillus thuringiensis toxin genes confer resistance to beet armyworm (Spodoptera) Tj ETQq1 1 0.784314 rgBT /Overlock	2.4	34
18	The development of a reproducible Agrobacterium tumefaciens transformation system for garlic (Allium sativum L.) and the production of transgenic garlic resistant to beet armyworm (Spodoptera) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.0	30

#	Article	IF	Citations
19	Molecular characterization of transgenic shallots (Allium cepa L.) by adaptor ligation PCR (AL-PCR) and sequencing of genomic DNA flanking T-DNA borders. Transgenic Research, 2001, 10, 237-245.	2.4	28
20	Title is missing!. Euphytica, 1999, 108, 83-90.	1.2	25
21	Grafting of watermelon (Citrullus lanatus cv. Mahbubi) onto different squash rootstocks as a means to minimize cadmium toxicity. International Journal of Phytoremediation, 2018, 20, 730-738.	3.1	24
22	Silencing Defense Pathways in Arabidopsis by Heterologous Gene Sequences from Brassica oleracea Enhances the Performance of a Specialist and a Generalist Herbivorous Insect. Journal of Chemical Ecology, 2011, 37, 818-829.	1.8	21
23	The development of an efficient cultivar-independent plant regeneration system from callus derived from both apical and non-apical root segments of garlic (Allium sativum L.). In Vitro Cellular and Developmental Biology - Plant, 2003, 39, 288-292.	2.1	19
24	Title is missing!. Euphytica, 2000, 114, 77-85.	1.2	15
25	The Interaction of Plant Growth Regulators and Vernalization on the Growth and Flowering of Cauliflower (Brassica oleracea var. botrytis). Plant Growth Regulation, 2004, 43, 163-171.	3.4	13
26	Biological Control of Fusarium oxysporum f. sp. cubense Tropical Race 4 Using Natively Isolated Bacillus spp. YN0904 and YN1419. Journal of Fungi (Basel, Switzerland), 2021, 7, 795.	3.5	12
27	A Real-Time Fluorescent Reverse Transcription Quantitative PCR Assay for Rapid Detection of Genetic Markersâ€™ Expression Associated with Fusarium Wilt of Banana Biocontrol Activities in Bacillus. Journal of Fungi (Basel, Switzerland), 2021, 7, 353.	3.5	11
28	Different Pathways are Involved in the Enhancement of Photosynthetic Rate by Sodium Bisulfite and Benzyladenine, a Case Study with Strawberry (FragariaÃ—Ananassa Duch) Plants. Plant Growth Regulation, 2006, 48, 65-72.	3.4	8
29	Geographical Distribution and Genetic Diversity of the Banana Fusarium Wilt Fungus in Laos and Vietnam. Journal of Fungi (Basel, Switzerland), 2022, 8, 46.	3.5	8
30	Monitoring Tritrophic Biocontrol Interactions Between Bacillus spp., Fusarium oxysporum f. sp. cubense, Tropical Race 4, and Banana Plants in vivo Based on Fluorescent Transformation System. Frontiers in Microbiology, 2021, 12, 754918.	3.5	7
31	The antagonistic mechanism of rhizosphere microbes and endophytes on the interaction between banana and Fusarium oxysporum f. sp. cubense. Physiological and Molecular Plant Pathology, 2021, 116, 101733.	2.5	7
32	Spent Pleurotus ostreatus Substrate Has Potential for Managing Fusarium Wilt of Banana. Journal of Fungi (Basel, Switzerland), 2021, 7, 946.	3.5	6
33	Profiling of Phenolic Compounds of Fruit Peels of Different Ecotype Bananas Derived from Domestic and Imported Cultivars with Different Maturity. Horticulturae, 2022, 8, 70.	2.8	5
34	An Additional Threat to â€˜Cavendishâ€™ Banana Growers and Traders: The Infection of Banana Peduncles by Fusarium oxysporum f. sp. cubense Tropical Race 4 (Foc TR4). Plant Health Progress, 2020, 21, 312-316.	1.4	4
35	Temporal variations of Fusarium oxysporum f. sp. cubense tropical race 4 population in a heavily infected banana field in Southwest China. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2019, 69, 641-648.	0.6	2
36	Complete mitochondrial genome of banana skipper Erionota torus Evans (Lepidoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	0.4	0