Tian Zhang

List of Publications by Year
in descending order

23	856	933447 10	839539 18
papers	citations	h-index	g-index

26	26	26	1083
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Through the looking-glass: structured illumination microscopy reveals new dynamic behaviors of cellulose synthase. Plant Cell, 2022, 34, 4-5.	6.6	0
2	Connecting the dots: Membrane nanodomains mediate clustering of actin-nucleator Type I formins in Arabidopsis immune responses. Plant Cell, 2022, 34, 6-7.	6.6	1
3	Autonomous endosperm development in embryo-free seeds. Plant Cell, 2021, 33, 1091-1092.	6.6	2
4	Comparative transcriptome analysis identifies a positive regulator of wheat rust susceptibility that modulates amino acid metabolism. Plant Cell, 2021, 33, 1409-1410.	6.6	0
5	Tick-tock: BBX19 functions as a novel regulator of the circadian clock. Plant Cell, 2021, 33, 2511-2512.	6.6	0
6	Peripheral? Not Really! The Extracellular Arabinogalactan Proteins Function in Calcium Signaling. Plant Cell, 2020, 32, 3057-3058.	6.6	2
7	DREPP in Nanodomains Regulates Microtubule Fragmentation during Symbiotic Infection. Plant Cell, 2020, 32, 1357-1358.	6.6	0
8	Foliar manganese spray induces the resistance of cucumber to Colletotrichum lagenarium. Journal of Plant Physiology, 2020, 246-247, 153129.	3.5	15
9	Cellulose synthase interactive1- and microtubule-dependent cell wall architecture is required for acid growth in Arabidopsis hypocotyls. Journal of Experimental Botany, 2020, 71, 2982-2994.	4.8	18
10	When Less Is More: GSK2-OML4 Module Negatively Regulates Grain Size in Rice. Plant Cell, 2020, 32, 1781-1781.	6.6	1
11	The Butterfly Effect: Natural Variation of a Chloroplast tRNA-Modifying Enzyme Leads to Pleiotropic Developmental Defects in Rice. Plant Cell, 2020, 32, 2073-2074.	6.6	1
12	En Garde: CRK2 Preassociates with RBOHD and Regulates ROS Production. Plant Cell, 2020, 32, 801-802.	6.6	2
13	Disentangling loosening from softening: insights into primary cell wall structure. Plant Journal, 2019, 100, 1101-1117.	5.7	96
14	Nanoscale movements of cellulose microfibrils in primary cell walls. Nature Plants, 2017, 3, 17056.	9.3	121
15	Preparation of Onion Epidermal Cell Walls for Imaging by Atomic Force Microscopy (AFM). Bio-protocol, 2017, 7, e2647.	0.4	13
16	Biomechanical Characterization of Onion Epidermal Cell Walls. Bio-protocol, 2017, 7, e2662.	0.4	14
17	Xyloglucan Deficiency Disrupts Microtubule Stability and Cellulose Biosynthesis in Arabidopsis, Altering Cell Growth and Morphogenesis. Plant Physiology, 2016, 170, 234-249.	4.8	143
18	Spatial organization of cellulose microfibrils and matrix polysaccharides in primary plant cell walls as imaged by multichannel atomic force microscopy. Plant Journal, 2016, 85, 179-192.	5.7	198

#	Article	IF	Citations
19	Visualization of the nanoscale pattern of recently-deposited cellulose microfibrils and matrix materials in never-dried primary walls of the onion epidermis. Cellulose, 2014, 21, 853-862.	4.9	98
20	Thejiaoyao1Mutant Is an Allele ofkorrigan1That Abolishes Endoglucanase Activity and Affects the Organization of Both Cellulose Microfibrils and Microtubules inArabidopsisÂ Â. Plant Cell, 2014, 26, 2601-2616.	6.6	63
21	Cloning and characterization of a novel PI-like MADS-box gene inPhalaenopsisorchid. DNA Sequence, 2008, 19, 332-339.	0.7	8
22	SQUA-like genes in the orchid Phalaenopsis are expressed in both vegetative and reproductive tissues. Planta, 2007, 226, 369-380.	3.2	46
23	Cloning and Characterization of a PI-like MADS-Box Gene in Phalaenopsis Orchid. BMB Reports, 2007, 40, 845-852.	2.4	13