

Chang-Quan Wang

List of Publications by Year in descending order

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31
papers

1,976
citations

394286

19
h-index

434063

31
g-index

31
all docs

31
docs citations

31
times ranked

3112
citing authors

#	ARTICLE	IF	CITATIONS
1	An Arabidopsis gene regulatory network for secondary cell wall synthesis. <i>Nature</i> , 2015, 517, 571-575.	13.7	636
2	Functional Convergence of Oxylipin and Abscisic Acid Pathways Controls Stomatal Closure in Response to Drought. <i>Plant Physiology</i> , 2014, 164, 1151-1160.	2.3	241
3	BBX19 Interacts with CONSTANS to Repress <i>FLOWERING LOCUS T</i> Transcription, Defining a Flowering Time Checkpoint in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2014, 26, 3589-3602.	3.1	137
4	The Transcriptional Regulator BBX19 Promotes Hypocotyl Growth by Facilitating COP1-Mediated EARLY FLOWERING3 Degradation in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2015, 27, 1128-1139.	3.1	104
5	A key general stress response motif is regulated non-uniformly by CAMTA transcription factors. <i>Plant Journal</i> , 2014, 80, 82-92.	2.8	77
6	Water stress mitigation by selenium in <i>Trifolium repens</i> L. <i>Journal of Plant Nutrition and Soil Science</i> , 2011, 174, 276-282.	1.1	74
7	Betacyanin accumulation in the leaves of C3 halophyte <i>Suaeda salsa</i> L. is induced by watering roots with H ₂ O ₂ . <i>Plant Science</i> , 2007, 172, 1-7.	1.7	69
8	Betacyanins from <i>Portulaca oleracea</i> L. ameliorate cognition deficits and attenuate oxidative damage induced by D-galactose in the brains of senescent mice. <i>Phytomedicine</i> , 2010, 17, 527-532.	2.3	69
9	ORA59 and EIN3 interaction couples jasmonate-ethylene synergistic action to antagonistic salicylic acid regulation of PDF expression. <i>Journal of Integrative Plant Biology</i> , 2017, 59, 275-287.	4.1	65
10	RrMYB5 and RrMYB10 regulated flavonoid biosynthesis plays a pivotal role in feedback loop responding to wounding and oxidation in <i>Rosa rugosa</i> . <i>Plant Biotechnology Journal</i> , 2019, 17, 2078-2095.	4.1	63
11	The plastidial retrograde signal methyl erythritol cyclopyrophosphate is a regulator of salicylic acid and jasmonic acid crosstalk. <i>Journal of Experimental Botany</i> , 2016, 67, 1557-1566.	2.4	51
12	MIKCC-type MADS-box genes in <i>Rosa chinensis</i> : the remarkable expansion of ABCDE model genes and their roles in floral organogenesis. <i>Horticulture Research</i> , 2018, 5, 25.	2.9	41
13	Correlation of tyrosinase activity and betacyanin biosynthesis induced by dark in C3 halophyte <i>Suaeda salsa</i> seedlings. <i>Plant Science</i> , 2007, 173, 487-494.	1.7	32
14	The B-box protein BBX19 suppresses seed germination via induction of <i>ABI5</i> . <i>Plant Journal</i> , 2019, 99, 1192-1202.	2.8	31
15	Alternate expression of CONSTANS-LIKE 4 in short days and CONSTANS in long days facilitates day-neutral response in <i>Rosa chinensis</i> . <i>Journal of Experimental Botany</i> , 2020, 71, 4057-4068.	2.4	31
16	An efficient transient expression system for gene function analysis in rose. <i>Plant Methods</i> , 2017, 13, 116.	1.9	30
17	<i>RcMYB84</i> and <i>RcMYB123</i> mediate jasmonate-induced defense responses against <i>Botrytis cinerea</i> in rose (<i>Rosa chinensis</i>). <i>Plant Journal</i> , 2020, 103, 1839-1849.	2.8	28
18	Effect of Selenium on Ascorbate-Glutathione Metabolism During PEG-induced Water Deficit in <i>Trifolium repens</i> L. <i>Journal of Plant Growth Regulation</i> , 2011, 30, 436-444.	2.8	27

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19	KSN heterozygosity is associated with continuous flowering of Rosa rugosa Purple branch. Horticulture Research, 2021, 8, 26.	2.9	23
20	Enhanced Tonoplast H ⁺ -ATPase Activity and Superoxide Dismutase Activity in the Halophyte Suaeda salsa Containing High Level of Betacyanin. Journal of Plant Growth Regulation, 2008, 27, 58-67.	2.8	21
21	Scavenger Enzyme Activities in Subcellular Fractions of White Clover (Trifolium repens L.) under PEG-induced Water Stress. Journal of Plant Growth Regulation, 2008, 27, 387-393.	2.8	19
22	From retrograde signaling to flowering time. Plant Signaling and Behavior, 2015, 10, e1022012.	1.2	18
23	Genome-wide identification and functional analysis of JmjC domain-containing genes in flower development of Rosa chinensis. Plant Molecular Biology, 2020, 102, 417-430.	2.0	17
24	Medicinal Components and Pharmacological Effects of Rosa rugosa. Records of Natural Products, 2018, 12, 535-543.	1.3	16
25	Phytochrome-interacting factors interact with transcription factor CONSTANS to suppress flowering in rose. Plant Physiology, 2021, 186, 1186-1201.	2.3	11
26	Ca ²⁺ -Calmodulin is Involved in Betacyanin Accumulation Induced by Dark in <i>C₃</i> Halophyte <i>Suaeda salsa</i> . Journal of Integrative Plant Biology, 2007, 49, 1378-1385.	4.1	10
27	Evolution of <i>SHORT VEGETATIVE PHASE</i> (<i>SVP</i>) genes in Rosaceae: Implications of lineage-specific gene duplication events and function diversifications with respect to their roles in processes other than bud dormancy. Plant Genome, 2020, 13, e20053.	1.6	9
28	Genome-wide analysis reveals widespread roles for RcREM genes in floral organ development in Rosa chinensis. Genomics, 2021, 113, 3881-3894.	1.3	7
29	Evolutionary Analysis and Functional Identification of Clock-Associated PSEUDO-RESPONSE REGULATOR (PRRs) Genes in the Flowering Regulation of Roses. International Journal of Molecular Sciences, 2022, 23, 7335.	1.8	7
30	EXOGENOUS CALCIUM ALTERS ACTIVITIES OF ANTIOXIDANT ENZYMES INTRIFOLIUM REPENSL. LEAVES UNDER PEG-INDUCED WATER DEFICIT. Journal of Plant Nutrition, 2010, 33, 1874-1885.	0.9	6
31	Identification of betacyanin and effects of environmental factors on its accumulation in halophyte Suaeda salsa. Zhi Wu Sheng Li Yu Fen Zi Sheng Wu Xue Xue Bao = Journal of Plant Physiology and Molecular Biology, 2006, 32, 195-201.	0.0	6