

Gang Pan

List of Publications by Year in descending order

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16
papers

530
citations

840776

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docs citations

16
times ranked

726
citing authors

#	ARTICLE	IF	CITATIONS
1	Map-based cloning of a novel rice cytochrome P450 gene CYP81A6 that confers resistance to two different classes of herbicides. <i>Plant Molecular Biology</i> , 2006, 61, 933-943.	3.9	117
2	Relationship of ROS accumulation and superoxide dismutase isozymes in developing anther with floret fertility of rice under heat stress. <i>Plant Physiology and Biochemistry</i> , 2018, 122, 90-101.	5.8	86
3	Senescence-specific change in ROS scavenging enzyme activities and regulation of various SOD isozymes to ROS levels in psf mutant rice leaves. <i>Plant Physiology and Biochemistry</i> , 2016, 109, 248-261.	5.8	83
4	A single cytosine deletion in the OsPLS1 gene encoding vacuolar-type H ⁺ -ATPase subunit A1 leads to premature leaf senescence and seed dormancy in rice. <i>Journal of Experimental Botany</i> , 2016, 67, 2761-2776.	4.8	44
5	Development of high-lysine rice via endosperm-specific expression of a foreign LYSINE RICH PROTEIN gene. <i>BMC Plant Biology</i> , 2016, 16, 147.	3.6	43
6	Involvement of Abscisic Acid in PSII Photodamage and D1 Protein Turnover for Light-Induced Premature Senescence of Rice Flag Leaves. <i>PLoS ONE</i> , 2016, 11, e0161203.	2.5	33
7	Different Phosphorus Supplies Altered the Accumulations and Quantitative Distributions of Phytic Acid, Zinc, and Iron in Rice (<i>Oryza sativa</i> L.) Grains. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 1601-1611.	5.2	27
8	Non-target site mechanism of metribuzin tolerance in induced tolerant mutants of narrow-leafed lupin (<i>Lupinus angustifolius</i> L.). <i>Crop and Pasture Science</i> , 2012, 63, 452.	1.5	22
9	Identification of a cytochrome P450 hydroxylase, CYP81A6, as the candidate for the bentazon and sulfonyleurea herbicide resistance gene, Bel, in rice. <i>Molecular Breeding</i> , 2006, 19, 59-68.	2.1	17
10	SSIIIa-RNAi suppression associated changes in rice grain quality and starch biosynthesis metabolism in response to high temperature. <i>Plant Science</i> , 2020, 294, 110443.	3.6	15
11	Suppression of ROS generation mediated by higher InsP3 level is critical for the delay of seed germination in lpa rice. <i>Plant Growth Regulation</i> , 2018, 85, 411-424.	3.4	14
12	Disruption of a Upf1-like helicase-encoding gene OsPLS2 triggers light-dependent premature leaf senescence in rice. <i>Plant Molecular Biology</i> , 2019, 100, 133-149.	3.9	9
13	Contribution of ABA metabolism and ROS generation to sugar starvation-induced senescence of rice leaves. <i>Plant Growth Regulation</i> , 2021, 95, 241-257.	3.4	8
14	A 22-bp deletion in OsPLS3 gene encoding a DUF266-containing protein is implicated in rice leaf senescence. <i>Plant Molecular Biology</i> , 2018, 98, 19-32.	3.9	7
15	Characterization and mapping of a spotted-leaf genotype, spl Y181 that confers blast susceptibility in rice. <i>European Journal of Plant Pathology</i> , 2014, 140, 407-417.	1.7	5
16	Highly reflective algae for enhancing climate change resilience in rice production. <i>Food and Energy Security</i> , 2021, 10, e272.	4.3	0