

Naoto Kawakami

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

2,716
citations

516710

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h-index

677142

22
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all docs

22
docs citations

22
times ranked

3526
citing authors

#	ARTICLE	IF	CITATIONS
1	CERK1, a LysM receptor kinase, is essential for chitin elicitor signaling in <i>Arabidopsis</i> . Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 19613-19618.	7.1	1,225
2	High Temperature-Induced Abscisic Acid Biosynthesis and Its Role in the Inhibition of Gibberellin Action in <i>Arabidopsis</i> Seeds. Plant Physiology, 2008, 146, 1368-1385.	4.8	379
3	Thermostimulation Unveils a Role for Strigolactones in <i>Arabidopsis</i> Seed Germination. Plant and Cell Physiology, 2012, 53, 107-117.	3.1	193
4	ABA-INSENSITIVE3, ABA-INSENSITIVE5, and DELLAs Interact to Activate the Expression of <i>SOMNUS</i> and Other High-Temperature-Inducible Genes in Imbibed Seeds in <i>Arabidopsis</i> . Plant Cell, 2014, 25, 4863-4878.	6.6	191
5	Field studies on the regulation of abscisic acid content and germinability during grain development of barley: molecular and chemical analysis of pre-harvest sprouting. Journal of Experimental Botany, 2006, 57, 2421-2434.	4.8	90
6	Senescence-Specific Increase in Cytosolic Glutamine Synthetase and Its mRNA in Radish Cotyledons. Plant Physiology, 1988, 88, 1430-1434.	4.8	82
7	Tissue expression map of a large number of expressed sequence tags and its application to in silico screening of stress response genes in common wheat. Molecular Genetics and Genomics, 2006, 276, 304-312.	2.1	75
8	Isolation and Characterization of High Temperature-Resistant Germination Mutants of <i>Arabidopsis thaliana</i> . Plant and Cell Physiology, 2006, 47, 1081-1094.	3.1	73
9	Temperature-dependent translational regulation of the ER omega-3 fatty acid desaturase gene in wheat root tips. Plant Journal, 2000, 24, 805-813.	5.7	69
10	ABA insensitivity and low ABA levels during seed development of non-dormant wheat mutants. Journal of Experimental Botany, 1997, 48, 1415-1421.	4.8	68
11	Tissue-Specific Transcriptome Analysis Reveals Cell Wall Metabolism, Flavonol Biosynthesis and Defense Responses are Activated in the Endosperm of Germinating <i>Arabidopsis thaliana</i> Seeds. Plant and Cell Physiology, 2012, 53, 16-27.	3.1	58
12	Isolation of a wheat (<i>Triticum aestivum</i> L.) mutant in ABA 8-hydroxylase gene: effect of reduced ABA catabolism on germination inhibition under field condition. Breeding Science, 2013, 63, 104-115.	1.9	44
13	β -Xylosidase plays essential roles in xyloglucan remodelling, maintenance of cell wall integrity, and seed germination in <i>Arabidopsis thaliana</i> . Journal of Experimental Botany, 2016, 67, 5615-5629.	4.8	44
14	Highly Sprouting-Tolerant Wheat Grain Exhibits Extreme Dormancy and Cold Imbibition-Resistant Accumulation of Abscisic Acid. Plant and Cell Physiology, 2016, 57, 715-732.	3.1	40
15	Accumulation and leakage of abscisic acid during embryo development and seed dormancy in wheat. Plant Growth Regulation, 2000, 30, 253-260.	3.4	29
16	A high-throughput evaluation system for <i>Arabidopsis</i> mutants for defense signaling. Plant Biotechnology, 2006, 23, 459-466.	1.0	20
17	Translatable mRNAs for Chloroplast-Targeted Proteins in Detached Radish Cotyledons during Senescence in Darkness. Plant and Cell Physiology, 1993, 34, 697-704.	3.1	11
18	Functional Analysis of Abscisic Acid 8-Hydroxylase. Methods in Molecular Biology, 2011, 773, 135-147.	0.9	8

#	ARTICLE	IF	CITATIONS
19	Cloning of cDNAs specifically expressed in wheat spikelets at the heading stage, as identified by the simple differential display method. <i>Plant Science</i> , 1998, 135, 49-62.	3.6	6
20	Flower meristem maintenance by <i>TILLERS ABSENT 1</i> is essential for ovule development in rice. <i>Development (Cambridge)</i> , 2021, 148, .	2.5	5
21	Temperature-dependent translational regulation of the ER β fatty acid desaturase gene in wheat root tips. <i>Plant Journal</i> , 2000, 24, 805-813.	5.7	4
22	Plant-Specific Domains and Fragmented Sequences Imply Non-Canonical Functions in Plant Aminoacyl-tRNA Synthetases. <i>Genes</i> , 2020, 11, 1056.	2.4	2