Noriyuki Nishimura

List of Publications by Year
in descending order

25	7,862	331670 21	610901 24
papers	citations	h-index	g-index

26	26	26	7553
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identification of a locus for seed shattering in rice (Oryza sativa L.) by combining bulked segregant analysis with whole-genome sequencing. Molecular Breeding, 2019, 39, 1.	2.1	18
2	Control of seed dormancy and germination by DOG1-AHG1 PP2C phosphatase complex via binding to heme. Nature Communications, 2018, 9, 2132.	12.8	138
3	FRET-based reporters for the direct visualization of abscisic acid concentration changes and distribution in Arabidopsis. ELife, 2014, 3, e01739.	6.0	213
4	Mutations in the <scp>SLAC</scp>1 anion channel slow stomatal opening and severely reduce K⁺ uptake channel activity via enhanced cytosolic [Ca²⁺] and increased Ca²⁺ sensitivity of K⁺ uptake channels. New Phytologist, 2013, 197, 88-98.	7.3	50
5	Identification of Cyclic GMP-Activated Nonselective Ca2+-Permeable Cation Channels and Associated CNGC5 and CNGC6 Genes in Arabidopsis Guard Cells Â Â. Plant Physiology, 2013, 163, 578-590.	4.8	111
6	Isolation of Arabidopsis ahg11, a weak ABA hypersensitive mutant defective in nad4 RNA editing. Journal of Experimental Botany, 2012, 63, 5301-5310.	4.8	61
7	æç‰©ãƒ›ãƒ«ãƒ¢ãƒ³å•—å®¹ä½“ã‚ã‚ºãƒŠãƒ«ä¼”é”ã®æ§‹é€€åŸºç›. Kagaku To Seibutsu, 2011, 49, 161-169.	0.0	0
8	Chemical Genetics Reveals Negative Regulation of Abscisic Acid Signaling by a Plant Immune Response Pathway. Current Biology, 2011, 21, 990-997.	3.9	152
9	PYR/PYL/RCAR family members are majorinâ€vivoABI1 protein phosphatase 2Câ€interacting proteins in Arabidopsis. Plant Journal, 2010, 61, 290-299.	5.7	451
10	The Lesion-Mimic Mutant cpr22 Shows Alterations in Abscisic Acid Signaling and Abscisic Acid Insensitivity in a Salicylic Acid-Dependent Manner. Plant Physiology, 2010, 152, 1901-1913.	4.8	117
11	Guard Cell Signal Transduction Network: Advances in Understanding Abscisic Acid, CO₂, and Ca²⁺Signaling. Annual Review of Plant Biology, 2010, 61, 561-591.	18.7	1,165
12	Early abscisic acid signal transduction mechanisms: newly discovered components and newly emerging questions. Genes and Development, 2010, 24, 1695-1708.	5.9	592
13	ABA Hypersensitive Germination2-1 Causes the Activation of Both Abscisic Acid and Salicylic Acid Responses in Arabidopsis. Plant and Cell Physiology, 2009, 50, 2112-2122.	3.1	32
14	Calcium elevationâ€dependent and attenuated resting calciumâ€dependent abscisic acid induction of stomatal closure and abscisic acidâ€induced enhancement of calcium sensitivities of Sâ€type anion and inwardâ€rectifying K⁺ channels in Arabidopsis guard cells. Plant Journal, 2009, 59, 207-220.	5.7	142
15	Abscisic Acid Inhibits Type 2C Protein Phosphatases via the PYR/PYL Family of START Proteins. Science, 2009, 324, 1068-1071.	12.6	2,385
16	Structural Mechanism of Abscisic Acid Binding and Signaling by Dimeric PYR1. Science, 2009, 326, 1373-1379.	12.6	457
17	SLAC1 is required for plant guard cell S-type anion channel function in stomatal signalling. Nature, 2008, 452, 487-491.	27.8	733
18	ABA-Hypersensitive Germination1 encodes a protein phosphatase 2C, an essential component of abscisic acid signaling in Arabidopsis seed. Plant Journal, 2007, 50, 935-949.	5.7	260

#	Article	IF	Citations
19	ABA-Hypersensitive Germination3 Encodes a Protein Phosphatase 2C (AtPP2CA) That Strongly Regulates Abscisic Acid Signaling during Germination among Arabidopsis Protein Phosphatase 2Cs. Plant Physiology, 2006, 140, 115-126.	4.8	344
20	Analysis of ABA Hypersensitive Germination2 revealed the pivotal functions of PARN in stress response in Arabidopsis. Plant Journal, 2005, 44, 972-984.	5.7	131
21	A Novel Arabidopsis Gene Required for Ethanol Tolerance is Conserved Among Plants and Archaea. Plant and Cell Physiology, 2004, 45, 659-666.	3.1	13
22	Isolation and Characterization of Novel Mutants Affecting the Abscisic Acid Sensitivity of Arabidopsis Germination and Seedling Growth. Plant and Cell Physiology, 2004, 45, 1485-1499.	3.1	74
23	A Novel Ethanol-Hypersensitive Mutant of Arabidopsis. Plant and Cell Physiology, 2004, 45, 703-711.	3.1	27
24	Potent hydroxyl radical-scavenging activity of drought-induced type-2 metallothionein in wild watermelon. Biochemical and Biophysical Research Communications, 2004, 323, 72-78.	2.1	186
25	Recognition of N-acetylchitooligosaccharide elicitor by rice protoplasts. Plant Physiology and Biochemistry, 2001, 39, 1105-1110.	5.8	8