Norihito Nakamichi

List of Publications by Year
in descending order

30 papers	2,594 citations	361413 20 h-index	477307 29 g-index
32 all docs	32 docs citations	32 times ranked	2238 citing authors

#	Article	IF	Citations
1	Phosphorylation of RNA Polymerase II by CDKC;2 Maintains the Arabidopsis Circadian Clock Period. Plant and Cell Physiology, 2022, 63, 450-462.	3.1	10
2	Plant clock modifications for adapting flowering time to local environments. Plant Physiology, 2022, 190, 952-967.	4.8	17
3	Chemical biology to dissect molecular mechanisms underlying plant circadian clocks. New Phytologist, 2022, 235, 1336-1343.	7.3	8
4	Flowering time control in rice by introducing Arabidopsis clock-associated PSEUDO-RESPONSE REGULATOR 5. Bioscience, Biotechnology and Biochemistry, 2020, 84, 970-979.	1.3	19
5	Structureâ€"function study of a novel inhibitor of the casein kinase 1 family in Arabidopsis thaliana. Plant Direct, 2019, 3, e00172.	1.9	15
6	3,4-Dibromo-7-Azaindole Modulates Arabidopsis Circadian Clock by Inhibiting Casein Kinase 1 Activity. Plant and Cell Physiology, 2019, 60, 2360-2368.	3.1	17
7	Casein kinase 1 family regulates PRR5 and TOC1 in the Arabidopsis circadian clock. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 11528-11536.	7.1	77
8	Evolutionary Insight into the Clock-Associated PRR5 Transcriptional Network of Flowering Plants. Scientific Reports, 2019, 9, 2983.	3.3	13
9	Improvement of Arabidopsis Biomass and Cold, Drought and Salinity Stress Tolerance by Modified Circadian Clock-Associated PSEUDO-RESPONSE REGULATORs. Plant and Cell Physiology, 2016, 57, 1085-1097.	3.1	60
10	Direct Repression of Evening Genes by CIRCADIAN CLOCK-ASSOCIATED1 in the Arabidopsis Circadian Clock. Plant Cell, 2016, 28, 696-711.	6.6	227
11	Adaptation to the Local Environment by Modifications of the Photoperiod Response in Crops. Plant and Cell Physiology, 2015, 56, 594-604.	3.1	85
12	TheLNK1night light-inducible and clock-regulated gene is induced also in response to warm-night through the circadian clock nighttime repressor inArabidopsis thaliana. Plant Signaling and Behavior, 2014, 9, e28505.	2.4	20
13	Circadian clock and PIF4-mediated external coincidence mechanism coordinately integrates both of the cues from seasonal changes in photoperiod and temperature to regulate plant growth inArabidopsis thaliana. Plant Signaling and Behavior, 2013, 8, e22863.	2.4	25
14	Transcriptional repressor PRR5 directly regulates clock-output pathways. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 17123-17128.	7.1	253
15	Molecular Mechanisms Underlying the Arabidopsis Circadian Clock. Plant and Cell Physiology, 2011, 52, 1709-1718.	3.1	86
16	PSEUDO-RESPONSE REGULATORS 9, 7, and 5 Are Transcriptional Repressors in the Arabidopsis Circadian Clock Â. Plant Cell, 2010, 22, 594-605.	6.6	507
17	A Genetic Study of the Arabidopsis Circadian Clock with Reference to the TIMING OF CAB EXPRESSION 1 (TOC1) Gene. Plant and Cell Physiology, 2009, 50, 290-303.	3.1	24
18	Insight into Missing Genetic Links Between Two Evening-Expressed Pseudo-Response Regulator Genes TOC1 and PRR5 in the Circadian Clock-Controlled Circuitry in Arabidopsis thaliana. Plant and Cell Physiology, 2008, 49, 201-213.	3.1	56

#	Article	IF	Citations
19	Rhythmic and Light-Inducible Appearance of Clock-Associated Pseudo-Response Regulator Protein PRR9 through Programmed Degradation in the Dark in Arabidopsis thaliana. Plant and Cell Physiology, 2008, 49, 133-133.	3.1	0
20	Arabidopsis Clock-Associated Pseudo-Response Regulators PRR9, PRR7 and PRR5 Coordinately and Positively Regulate Flowering Time Through the Canonical CONSTANS-Dependent Photoperiodic Pathway. Plant and Cell Physiology, 2007, 48, 822-832.	3.1	197
21	Characterization of Circadian-Associated Pseudo-Response Regulators: I. Comparative Studies on a Series of Transgenic Lines Misexpressing Five Distinctive PRR Genes inArabidopsis thaliana. Bioscience, Biotechnology and Biochemistry, 2007, 71, 527-534.	1.3	24
22	Pseudo-Response Regulators (PRRs) or True Oscillator Components (TOCs). Plant and Cell Physiology, 2005, 46, 677-685.	3.1	188
23	PSEUDO-RESPONSE REGULATORS, PRR9, PRR7 and PRR5, Together Play Essential Roles Close to the Circadian Clock of Arabidopsis thaliana. Plant and Cell Physiology, 2005, 46, 686-698.	3.1	297
24	The Arabidopsis Pseudo-response Regulators, PRR5 and PRR7, Coordinately Play Essential Roles for Circadian Clock Function. Plant and Cell Physiology, 2005, 46, 609-619.	3.1	111
25	Characterization of Plant Circadian Rhythms by Employing Arabidopsis Cultured Cells with Bioluminescence Reporters. Plant and Cell Physiology, 2004, 45, 57-67.	3.1	84
26	Characterization of the Prr1 Response Regulator with Special Reference to Sexual Development inSchizosaccharomyces pombe. Bioscience, Biotechnology and Biochemistry, 2003, 67, 547-555.	1.3	25
27	Cell Autonomous Circadian Waves of the APRR1/TOC1 Quintet in an Established Cell Line of Arabidopsis thaliana. Plant and Cell Physiology, 2003, 44, 360-365.	3.1	45
28	Compilation and Characterization of a Novel WNK Family of Protein Kinases inArabiodpsis thalianawith Reference to Circadian Rhythms. Bioscience, Biotechnology and Biochemistry, 2002, 66, 2429-2436.	1.3	63
29	His-to-Asp Phosphorelay Circuitry for Regulation of Sexual Development inSchizosaccharomyces pombe. Bioscience, Biotechnology and Biochemistry, 2002, 66, 2663-2672.	1.3	27
30	Identification and Characterization of a Novel Gene, hos2 +, the Function of Which Is Necessary for Growth under High Osmotic Stress in Fission Yeast. Bioscience, Biotechnology and Biochemistry, 2000, 64, 2493-2496.	1.3	14