Pierre R Fobert

List of Publications by Year
in descending order

33	2,507	331670 21	414414 32
papers	citations	h-index	g-index

35	35	35	2752
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Arabidopsis NPR1 Disease Resistance Protein Is a Novel Cofactor That Confers Redox Regulation of DNA Binding Activity to the Basic Domain/Leucine Zipper Transcription Factor TGA1. Plant Cell, 2003, 15, 2181-2191.	6.6	518
2	The Arabidopsis NPR1/NIM1 Protein Enhances the DNA Binding Activity of a Subgroup of the TGA Family of bZIP Transcription Factors. Plant Cell, 2000, 12, 279-290.	6.6	516
3	The Coactivator Function of Arabidopsis NPR1 Requires the Core of Its BTB/POZ Domain and the Oxidation of C-Terminal Cysteines. Plant Cell, 2007, 18, 3670-3685.	6.6	234
4	Characterization of anAGAMOUShomologue from the conifer black spruce (Picea mariana) that produces floral homeotic conversions when expressed inArabidopsis. Plant Journal, 1998, 15, 625-634.	5.7	168
5	An Arabidopsis NPR1-like gene, NPR4, is required for disease resistance. Plant Journal, 2004, 41, 304-318.	5.7	148
6	Redox control of systemic acquired resistance. Current Opinion in Plant Biology, 2005, 8, 378-382.	7.1	141
7	Arabidopsis Clade I TGA Transcription Factors Regulate Plant Defenses in an NPR1-Independent Fashion. Molecular Plant-Microbe Interactions, 2012, 25, 1459-1468.	2.6	85
8	A tobacco cryptic constitutive promoter, tCUP, revealed by T-DNA tagging. Plant Molecular Biology, 1999, 41, 45-55.	3.9	68
9	Integrated transcriptome and hormone profiling highlight the role of multiple phytohormone pathways in wheat resistance against fusarium head blight. PLoS ONE, 2018, 13, e0207036.	2.5	63
10	Detection of gene regulatory signals in plants revealed by T-DNA-mediated fusions. Plant Molecular Biology, 1991, 17, 837-851.	3.9	45
11	Transgenic increases in seed oil content are associated with the differential expression of novel Brassica-specific transcripts. BMC Genomics, 2008, 9, 619.	2.8	45
12	Proliferating Floral Organs (Pfo), a Lotus japonicus gene required for specifying floral meristem determinacy and organ identity, encodes an F-box protein. Plant Journal, 2003, 33, 607-619.	5.7	43
13	High density genetic mapping of Fusarium head blight resistance QTL in tetraploid wheat. PLoS ONE, 2018, 13, e0204362.	2.5	43
14	Systemic Acquired Resistance in Canola Is Linked with Pathogenesis-Related Gene Expression and Requires Salicylic Acid. Phytopathology, 2007, 97, 794-802.	2.2	38
15	Conservation of NON-EXPRESSOR OF PATHOGENESIS-RELATED GENES1 function between Arabidopsis thaliana and Brassica napus. Physiological and Molecular Plant Pathology, 2007, 71, 174-183.	2.5	33
16	Cell Wall Biomolecular Composition Plays a Potential Role in the Host Type II Resistance to Fusarium Head Blight in Wheat. Frontiers in Microbiology, 2016, 7, 910.	3.5	33
17	Metabolic Biomarker Panels of Response to Fusarium Head Blight Infection in Different Wheat Varieties. PLoS ONE, 2016, 11, e0153642.	2.5	33
18	Synchrotron based phase contrast X-ray imaging combined with FTIR spectroscopy reveals structural and biomolecular differences in spikelets play a significant role in resistance to Fusarium in wheat. BMC Plant Biology, 2015, 15, 24.	3.6	30

#	Article	IF	Citations
19	Arabidopsis Clade I TGA Factors Regulate Apoplastic Defences against the Bacterial Pathogen Pseudomonas syringae through Endoplasmic Reticulum-Based Processes. PLoS ONE, 2013, 8, e77378.	2.5	29
20	Development of a Brassica seed cDNA microarray. Genome, 2008, 51, 236-242.	2.0	25
21	DISCOVERY OF FUNCTIONAL GENES FOR SYSTEMIC ACQUIRED RESISTANCE IN ARABIDOPSIS THALIANA THROUGH INTEGRATED DATA MINING. Journal of Bioinformatics and Computational Biology, 2004, 02, 639-655.	0.8	24
22	Comparison of Transcript Profiling on Arabidopsis Microarray Platform Technologies. Plant Molecular Biology, 2005, 58, 609-624.	3.9	20
23	NPR1 enhances the DNA binding activity of theArabidopsisbZIP transcription factor TGA7This paper is one of a selection of papers published in a Special Issue from the National Research Council of Canada â€“ Plant Biotechnology Institute.. Botany, 2009, 87, 561-570.	1.0	20
24	Weighted gene co-expression network analysis unveils gene networks associated with the Fusarium head blight resistance in tetraploid wheat. BMC Genomics, 2019, 20, 925.	2.8	20
25	Genetic characterization of type II Fusarium head blight resistance derived from transgressive segregation in a cross between Eastern and Western Canadian spring wheat. Molecular Breeding, 2018, 38, 1.	2.1	19
26	Genetic analysis of resistance to stripe rust in durum wheat (Triticum turgidum L. var. durum). PLoS ONE, 2018, 13, e0203283.	2.5	17
27	High-level expression of sugar inducible gene2 (HSI2) is a negative regulator of drought stress tolerance in Arabidopsis. BMC Plant Biology, 2013, 13, 170.	3.6	11
28	Multi-trait and multi-environment QTL analysis reveals the impact of seed colour on seed composition traits in Brassica napus. Molecular Breeding, 2016, 36, 1.	2.1	11
29	Genetic Characterization of Multiple Components Contributing to Fusarium Head Blight Resistance of FL62R1, a Canadian Bread Wheat Developed Using Systemic Breeding. Frontiers in Plant Science, 2020, 11, 580833.	3.6	8
30	Developing Canadian seed oils as industrial feedstocks. Biofuels, Bioproducts and Biorefining, 2008, 2, 206-214.	3.7	7
31	High density genetic mapping of stripe rust resistance in a â€˜Strongfieldâ€™ / â€˜Blackbirdâ€™ durum wheat population. Canadian Journal of Plant Pathology, 2021, 43, S242-S255.	1.4	5
32	In vivo biochemical characterization of transcription factors regulating plant defense response to disease. Canadian Journal of Plant Pathology, 2006, 28, 3-15.	1.4	1
33	Transcription Factors Regulating Plant Defense Responses. , 2006, , 159-205.		0