Nathalie Beaudoin

List of Publications by Year
in descending order

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20 papers	2,152 citations	623734 14 h-index	839539 18 g-index
20 all docs	20 docs citations	20 times ranked	2682 citing authors

#	Article	IF	Citations
1	ABI1 Protein Phosphatase 2C Is a Negative Regulator of Abscisic Acid Signaling. Plant Cell, 1999, 11, 1897-1909.	6.6	560
2	Interactions between Abscisic Acid and Ethylene Signaling Cascades. Plant Cell, 2000, 12, 1103-1115.	6.6	538
3	Ancient signals: comparative genomics of plant MAPK and MAPKK gene families. Trends in Plant Science, 2006, 11, 192-198.	8.8	481
4	Chitooligosaccharide sensing and downstream signaling: contrasted outcomes in pathogenic and beneficial plantâ€“microbe interactions. Planta, 2010, 232, 787-806.	3.2	113
5	MAP-ping genomic organization and organ-specific expression profiles of poplar MAP kinases and MAP kinase kinases. BMC Genomics, 2006, 7, 223.	2.8	82
6	Thaxtomin A induces programmed cell death in Arabidopsis thaliana suspension-cultured cells. Planta, 2005, 222, 820-831.	3.2	78
7	ABI1 Protein Phosphatase 2C Is a Negative Regulator of Abscisic Acid Signaling. Plant Cell, 1999, 11, 1897.	6.6	42
8	Activation of stress-responsive mitogen-activated protein kinase pathways in hybrid poplar (Populus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.1	37
9	Transcriptional profiling in response to inhibition of cellulose synthesis by thaxtomin A and isoxaben in Arabidopsis thaliana suspension cells. Plant Cell Reports, 2009, 28, 811-830.	5.6	37
10	Involvement of the Plant Polymer Suberin and the Disaccharide Cellobiose in Triggering Thaxtomin A Biosynthesis, a Phytotoxin Produced by the Pathogenic Agent Streptomyces scabies. Phytopathology, 2010, 100, 91-96.	2.2	36
11	Streptomyces scabiei and its toxin thaxtomin A induce scopoletin biosynthesis in tobacco and Arabidopsis thaliana. Plant Cell Reports, 2009, 28, 1895-1903.	5.6	32
12	Stress-Responsive Mitogen-Activated Protein Kinases Interact with the EAR Motif of a Poplar Zinc Finger Protein and Mediate Its Degradation through the 26S Proteasome Â Â. Plant Physiology, 2011, 157, 1379-1393.	4.8	29
13	Developmental regulation of two tomato lipoxygenase promoters in transgenic tobacco and tomato. , 1997, 33, 835-846.		24
14	Auxin protects Arabidopsis thaliana cell suspension cultures from programmed cell death induced by the cellulose biosynthesis inhibitors thaxtomin A and isoxaben. BMC Plant Biology, 2019, 19, 512.	3.6	20
15	Habituation to thaxtomin A in hybrid poplar cell suspensions provides enhanced and durable resistance to inhibitors of cellulose synthesis. BMC Plant Biology, 2010, 10, 272.	3.6	16
16	Reactive Oxygen Species Alleviate Cell Death Induced by Thaxtomin A in Arabidopsis thaliana Cell Cultures. Plants, 2019, 8, 332.	3.5	11
17	The Plant Pathogenic Bacterium Streptomyces scabies Degrades the Aromatic Components of Potato Periderm via the Î²-Ketoadipate Pathway. Frontiers in Microbiology, 2019, 10, 2795.	3.5	9
18	Habituation to thaxtomin A increases resistance to common scab in â€˜Russet Burbankâ€™ potato. PLoS ONE, 2021, 16, e0253414.	2.5	4

#	Article	IF	Citations
19	Involvement of type-f thioredoxins during germination and early seedling development and in response to oxidative stress in Arabidopsis thaliana. Botany, 2018, 96, 471-484.	1.0	2
20	Induction of Plant Defense Response and Its Impact on Productivity. , 2013, , 309-327.		1