

Nitric oxide and salicylic acid signaling in plant defense

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Nitric Oxide Inhibition of Tobacco Catalase and Ascorbate Peroxidase. <i>Molecular Plant-Microbe Interactions</i> , 2000, 13, 1380-1384.	1.4	335
2	Induced systemic resistance (ISR) against pathogens – a promising field for ecological research. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2001, 4, 65-79.	1.1	42
3	The role of active oxygen species in plant signal transduction. <i>Plant Science</i> , 2001, 161, 405-414.	1.7	493
4	Nitric oxide: comparative synthesis and signaling in animal and plant cells. <i>Trends in Plant Science</i> , 2001, 6, 177-183.	4.3	528
5	Nitric Oxide Induces Stomatal Closure and Enhances the Adaptive Plant Responses against Drought Stress. <i>Plant Physiology</i> , 2001, 126, 1196-1204.	2.3	665
6	Nitric oxide: one of the more conserved and widespread signaling molecules. <i>Frontiers in Bioscience - Landmark</i> , 2001, 6, d1161.	3.0	62
7	Nitric oxide one of the more conserved and widespread signaling molecules. <i>Frontiers in Bioscience - Landmark</i> , 2001, 6, d1161-1172.	3.0	4
8	Activity of Nitric Oxide Is Dependent On, But Is Partially Required for Function of, Salicylic Acid in the Signaling Pathway in Tobacco Systemic Acquired Resistance. <i>Molecular Plant-Microbe Interactions</i> , 2001, 14, 1458-1462.	1.4	104
9	The physiology of ozone induced cell death. <i>Planta</i> , 2001, 213, 682-690.	1.6	202
10	Transcriptionally and post-transcriptionally regulated response of 13 calmodulin genes to tobacco mosaic virus-induced cell death and wounding in tobacco plant. <i>FEBS Journal</i> , 2001, 268, 3916-3929.	0.2	108
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13	Nitric oxide and the regulation of gene expression. <i>Trends in Cell Biology</i> , 2001, 11, 66-75.	3.6	503
14	Lysine catabolism: a stress and development super-regulated metabolic pathway. <i>Current Opinion in Plant Biology</i> , 2001, 4, 261-266.	3.5	142
15	Three Tnt1 Subfamilies Show Different Stress-Associated Patterns of Expression in Tobacco. Consequences for Retrotransposon Control and Evolution in Plants. <i>Plant Physiology</i> , 2001, 127, 212-221.	2.3	124
16	Plant mitogen-activated protein kinase cascades: Negative regulatory roles turn out positive. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 784-786.	3.3	65
17	Signals Regulating Multiple Responses to Wounding and Herbivores. <i>Critical Reviews in Plant Sciences</i> , 2001, 20, 487-521.	2.7	145
18	A T-DNA Insertion Knockout of the Bifunctional Lysine-Ketoglutarate Reductase/Saccharopine Dehydrogenase Gene Elevates Lysine Levels in Arabidopsis Seeds. <i>Plant Physiology</i> , 2001, 126, 1539-1545.	2.3	40

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19	Production of 6-Methylsalicylic Acid by Expression of a Fungal Polyketide Synthase Activates Disease Resistance in Tobacco. <i>Plant Cell</i> , 2001, 13, 1401.	3.1	2
20	The Disease Resistance Signaling Components <i>EDS1</i> and <i>PAD4</i> Are Essential Regulators of the Cell Death Pathway Controlled by <i>LSD1</i> in Arabidopsis. <i>Plant Cell</i> , 2001, 13, 2211-2224.	3.1	249
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23	The Disease Resistance Signaling Components <i>EDS1</i> and <i>PAD4</i> Are Essential Regulators of the Cell Death Pathway Controlled by <i>LSD1</i> in Arabidopsis. <i>Plant Cell</i> , 2001, 13, 2211.	3.1	4
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27	Expression of Symbiotic and Nonsymbiotic Globin Genes Responding to Microsymbionts on <i>Lotus japonicus</i> . <i>Plant and Cell Physiology</i> , 2002, 43, 1351-1358.	1.5	39
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34	Constitutive expression of a phenylalanine ammonia-lyase gene from <i>Stylosanthes humilis</i> in transgenic tobacco leads to enhanced disease resistance but impaired plant growth. <i>Physiological and Molecular Plant Pathology</i> , 2002, 60, 275-282.	1.3	18
35	Induction of hypericins and hyperforin in <i>Hypericum perforatum</i> L. in response to biotic and chemical elicitors. <i>Physiological and Molecular Plant Pathology</i> , 2002, 60, 311-320.	1.3	49
36	Global adjustment of microbial physiology during free radical stress. <i>Advances in Microbial Physiology</i> , 2002, 46, 319-341.	1.0	83
37	Nitric Oxide and Reactive Nitrogen Oxide Species in Plants. <i>Biotechnology and Genetic Engineering Reviews</i> , 2002, 19, 293-338.	2.4	46

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47	Double antisense plants lacking ascorbate peroxidase and catalase are less sensitive to oxidative stress than single antisense plants lacking ascorbate peroxidase or catalase. <i>Plant Journal</i> , 2002, 32, 329-342.	2.8	308
48	The role of peroxisomes in the integration of metabolism and evolutionary diversity of photosynthetic organisms. <i>Phytochemistry</i> , 2002, 60, 651-674.	1.4	110
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57	Involvement of nitric oxide in the signal transduction of salicylic acid regulating stomatal movement. <i>Science Bulletin</i> , 2003, 48, 449-452.	1.7	9
58	Aerenchyma formation in roots of maize during sulphate starvation. <i>Planta</i> , 2003, 217, 382-391.	1.6	79
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60	Reactive oxygen species stimulate homologous recombination in plants. <i>Plant, Cell and Environment</i> , 2003, 26, 1531-1539.	2.8	24
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77	The Functions of Nitric Oxide-Mediated Signaling and Changes in Gene Expression During the Hypersensitive Response. <i>Antioxidants and Redox Signaling</i> , 2003, 5, 33-41.	2.5	64
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80	Analysis of the Involvement of an Inducible Arabidopsis RNA-Dependent RNA Polymerase in Antiviral Defense. <i>Molecular Plant-Microbe Interactions</i> , 2003, 16, 206-216.	1.4	252
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