

Occurrence, structure, and evolution of nitric oxide synthase in the plant kingdom

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Dinitrosyl Iron Complexes and other Physiological Metabolites of Nitric Oxide: Multifarious Role in Plants. <i>Natural Product Communications</i> , 2016, 11, 1934578X1601100.	0.2	3
2	Carbon Monoxide as a Signaling Molecule in Plants. <i>Frontiers in Plant Science</i> , 2016, 7, 572.	1.7	45
3	A Comprehensive Phylogeny Reveals Functional Conservation of the UV-B Photoreceptor UVR8 from Green Algae to Higher Plants. <i>Frontiers in Plant Science</i> , 2016, 7, 1698.	1.7	65
4	Unveiling the molecular details of plant signaling. <i>Science Signaling</i> , 2016, 9, eg9.	1.6	2
5	Nitro-linolenic acid is a nitric oxide donor. <i>Nitric Oxide - Biology and Chemistry</i> , 2016, 57, 57-63.	1.2	51
6	A positive role for hydrogen gas in adventitious root development. <i>Plant Signaling and Behavior</i> , 2016, 11, e1187359.	1.2	7
7	NO Signalling in Plant Immunity. <i>Signaling and Communication in Plants</i> , 2016, , 219-238.	0.5	3
8	The Auxin-Nitric Oxide Highway: A Right Direction in Determining the Plant Root System. <i>Signaling and Communication in Plants</i> , 2016, , 117-136.	0.5	4
9	Redox State in Plant Mitochondria and its Role in Stress Tolerance. , 2016, , 93-115.		1
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11	A new NO ledge in <i>Chlamydomonas</i> : when the old nitrate reductase meets amidoxime reducing component to produce nitric oxide. <i>Plant, Cell and Environment</i> , 2016, 39, 2095-2096.	2.8	2
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13	Nitrate Reductase Regulates Plant Nitric Oxide Homeostasis. <i>Trends in Plant Science</i> , 2017, 22, 163-174.	4.3	338
14	Nitric Oxide Is Involved in Ethylene-Induced Adventitious Rooting in Marigold. <i>Canadian Journal of Plant Science</i> , 2017, , .	0.3	3
15	Protein tyrosine nitration in plants: Present knowledge, computational prediction and future perspectives. <i>Plant Physiology and Biochemistry</i> , 2017, 113, 56-63.	2.8	102
16	How <i>Chlamydomonas</i> handles nitrate and the nitric oxide cycle. <i>Journal of Experimental Botany</i> , 2017, 68, 2593-2602.	2.4	34
17	The biosynthesis of nitrous oxide in the green alga <i>Chlamydomonas reinhardtii</i> . <i>Plant Journal</i> , 2017, 91, 45-56.	2.8	26
18	Evidence towards the involvement of nitric oxide in drought tolerance of sugarcane. <i>Plant Physiology and Biochemistry</i> , 2017, 115, 354-359.	2.8	42

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19	Copper amine oxidase 8 regulates arginine-dependent nitric oxide production in <i>Arabidopsis thaliana</i> . <i>Journal of Experimental Botany</i> , 2017, 68, 2149-2162.	2.4	54
20	Nitric oxide-polyamines cross-talk during dormancy release and germination of apple embryos. <i>Nitric Oxide - Biology and Chemistry</i> , 2017, 68, 38-50.	1.2	25
21	Covalent attachment of the heme to <i>Synechococcus</i> hemoglobin alters its reactivity toward nitric oxide. <i>Journal of Inorganic Biochemistry</i> , 2017, 177, 171-182.	1.5	7
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38	L-NAME decreases the amount of nitric oxide and enhances the toxicity of cadmium via superoxide generation in barley root tip. <i>Journal of Plant Physiology</i> , 2018, 224-225, 68-74.	1.6	11
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53	A forty year journey: The generation and roles of NO in plants. <i>Nitric Oxide - Biology and Chemistry</i> , 2019, 93, 53-70.	1.2	209
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55	Protein <i>S</i> -Nitrosylation in plants: Current progresses and challenges. <i>Journal of Integrative Plant Biology</i> , 2019, 61, 1206-1223.	4.1	103
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57	Nitric oxide and hydrogen sulfide in plants: which comes first?. <i>Journal of Experimental Botany</i> , 2019, 70, 4391-4404.	2.4	206

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64	Nitric oxide and plant mineral nutrition: current knowledge. <i>Journal of Experimental Botany</i> , 2019, 70, 4461-4476.	2.4	69
65	Nitric oxide in plants: pro- or anti-senescence. <i>Journal of Experimental Botany</i> , 2019, 70, 4419-4427.	2.4	48
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