

Role of exogenous salicylic acid in alleviating cadmium- bluegrass

Biochemical Systematics and Ecology

50, 269-276

DOI: [10.1016/j.bse.2013.05.002](https://doi.org/10.1016/j.bse.2013.05.002)

Citation Report

#	ARTICLE	IF	CITATIONS
1	The new insights into cadmium sensing. <i>Frontiers in Plant Science</i> , 2014, 5, 245.	3.6	156
2	Salicylic acid-induced abiotic stress tolerance and underlying mechanisms in plants. <i>Frontiers in Plant Science</i> , 2015, 6, 462.	3.6	815
3	Salicylic acid alleviates cadmium-induced inhibition of growth and photosynthesis through upregulating antioxidant defense system in two melon cultivars (<i>Cucumis melo</i> L.). <i>Protoplasma</i> , 2015, 252, 911-924.	2.1	163
4	Exogenous salicylic acid protects phospholipids against cadmium stress in flax (<i>Linum usitatissimum</i>) Tj ETQq1 1 0.784314 rgBT /Overlo	6.0	23
5	Effects of application of salicylic acid alleviates cadmium toxicity in perennial ryegrass. <i>Plant Growth Regulation</i> , 2015, 75, 695-706.	3.4	55
6	Catalase and ascorbate peroxidase—representative H ₂ O ₂ -detoxifying heme enzymes in plants. <i>Environmental Science and Pollution Research</i> , 2016, 23, 19002-19029.	5.3	248
7	Role of salicylic acid in resistance to cadmium stress in plants. <i>Plant Cell Reports</i> , 2016, 35, 719-731.	5.6	88
8	Physiological and biochemical responses of <i>Melissa officinalis</i> L. to nickel stress and the protective role of salicylic acid. <i>Archives of Agronomy and Soil Science</i> , 2017, 63, 330-343.	2.6	13
9	Effect of salicylic acid on freezing injury in peach floral organs and the expressions of CBF genes. <i>Biologia Plantarum</i> , 2017, 61, 622-630.	1.9	6
10	Antioxidative systems, metal ion homeostasis and cadmium distribution in <i>Iris lactea</i> exposed to cadmium stress. <i>Ecotoxicology and Environmental Safety</i> , 2017, 139, 50-55.	6.0	52
11	Exogenous salicylic acid alleviates the toxicity of chlorpyrifos in wheat plants (<i>Triticum aestivum</i>). <i>Ecotoxicology and Environmental Safety</i> , 2017, 137, 218-224.	6.0	40
12	Role of Salicylic Acid in Heavy Metal Stress Tolerance: Insight into Underlying Mechanism. , 2017, , 123-144.		12
13	Salicylic acid to decrease plant stress. <i>Environmental Chemistry Letters</i> , 2017, 15, 101-123.	16.2	138
14	Salicylic acid nanoparticles (SANPs) improve growth and phytoremediation efficiency of <i>Isatis cappadocica</i> Desv., under As stress. <i>IET Nanobiotechnology</i> , 2017, 11, 650-655.	3.8	70
15	Salicylic Acid: An All-Rounder in Regulating Abiotic Stress Responses in Plants. , 2017, , .		18
16	The effects of exogenous salicylic acid on alleviating cadmium toxicity in <i>Nymphaea tetragona</i> Georgi. <i>South African Journal of Botany</i> , 2018, 114, 267-271.	2.5	38
17	Counteractive mechanism (s) of salicylic acid in response to lead toxicity in <i>Brassica juncea</i> (L.) Czern. cv. Varuna. <i>Planta</i> , 2018, 248, 49-68.	3.2	56
18	Brassinosteroids mitigate cadmium toxicity in cowpea plants. <i>Photosynthetica</i> , 2018, 56, 591-605.	1.7	67

#	ARTICLE	IF	CITATIONS
19	Physiological and molecular mechanisms underlying salicylic acid-mitigated mercury toxicity in lemon balm (<i>Melissa officinalis</i> L.). <i>Ecotoxicology and Environmental Safety</i> , 2019, 183, 109542.	6.0	56
20	Interactive Effect of Silicon (Si) and Salicylic Acid (SA) in Maize Seedlings and Their Mechanisms of Cadmium (Cd) Toxicity Alleviation. <i>Journal of Plant Growth Regulation</i> , 2019, 38, 1587-1597.	5.1	55
21	Phytoremediation of Cd and Pb interactive polluted soils by switchgrass (<i>Panicum virgatum</i> L.). <i>International Journal of Phytoremediation</i> , 2019, 21, 1486-1496.	3.1	26
22	Salicylic Acid Signals Plant Defence against Cadmium Toxicity. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2960.	4.1	55
23	Salicylic acid alleviates aluminum-induced inhibition of biomass by enhancing photosynthesis and carbohydrate metabolism in <i>Panax notoginseng</i> . <i>Plant and Soil</i> , 2019, 445, 183-198.	3.7	16
24	Role of Salicylic Acid in Mitigating Cadmium Toxicity in Plants. , 2019, , 349-374.		0
25	Foliar application of salicylic acid alleviate the cadmium toxicity by modulation the reactive oxygen species in potato. <i>Ecotoxicology and Environmental Safety</i> , 2019, 172, 317-325.	6.0	111
26	Salicylic acid alleviates arsenic and zinc toxicity in the process of reserve mobilization in germinating fenugreek (<i>Trigonella foenum-graecum</i> L.) seeds. <i>South African Journal of Botany</i> , 2019, 124, 235-243.	2.5	21
27	Role and Regulation of Plant Hormones as a Signal Molecule in Response to Abiotic Stresses. , 2019, , 303-317.		4
28	The role of SIPK signaling pathway in antioxidant activity and programmed cell death of tobacco cells after exposure to cadmium. <i>Plant Science</i> , 2019, 280, 416-423.	3.6	13
29	Phytohormones-induced senescence efficiently promotes the transport of cadmium from roots into shoots of plants: A novel strategy for strengthening of phytoremediation. <i>Journal of Hazardous Materials</i> , 2020, 388, 122080.	12.4	48
30	Salicylic acid mediated reduction in grain cadmium accumulation and amelioration of toxicity in <i>Oryza sativa</i> L. cv Bandana. <i>Ecotoxicology and Environmental Safety</i> , 2020, 205, 111167.	6.0	25
31	Seed Priming with Salicylic Acid Minimizes Oxidative Effects of Aluminum on <i>Trifolium</i> Seedlings. <i>Journal of Soil Science and Plant Nutrition</i> , 2020, 20, 2502-2511.	3.4	13
32	The role of salicylic acid and gibberellin signaling in plant responses to abiotic stress with an emphasis on heavy metals. <i>Plant Signaling and Behavior</i> , 2020, 15, 1777372.	2.4	70
33	Abiotic and biotic stress interactions in plants: A cross-tolerance perspective. , 2020, , 267-302.		15
34	Potential of Salicylic Acid and Synthetic Surfactant on Anthracene and Fluoranthene Remediation by <i>Impatiens Balsamina</i> . <i>Walailak Journal of Science and Technology</i> , 2021, 18, .	0.5	1
35	Enhancing antioxidant defense system of mung bean with a salicylic acid exogenous application to mitigate cadmium toxicity. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2021, 49, 12303.	1.1	33
36	Salicylic acid ameliorates zinc and chromium-induced stress responses in wheat seedlings: a biochemical and computational analysis. <i>Cereal Research Communications</i> , 2022, 50, 407-418.	1.6	11

#	ARTICLE	IF	CITATIONS
38	Hydrogen sulphide and salicylic acid regulate antioxidant pathway and nutrient balance in mustard plants under cadmium stress. <i>Plant Biology</i> , 2022, 24, 660-669.	3.8	23
39	Effect of salicylic acid foliar application on growth, glandular hairs and essential oil yield in <i>Salvia officinalis</i> L. grown under zinc stress. <i>Chemical and Biological Technologies in Agriculture</i> , 2020, 7, .	4.6	11
40	An <i>Ascophyllum nodosum</i> -Derived Biostimulant Protects Model and Crop Plants from Oxidative Stress. <i>Metabolites</i> , 2021, 11, 24.	2.9	20
41	Involvement of Salicylic Acid in Sulfur Induced Salinity Tolerance: A Role of Glutathione. <i>Annual Research & Review in Biology</i> , 2014, 4, 3875-3893.	0.4	7
42	Cadmium stress tolerance in plants: a key role of endogenous and exogenous salicylic acid. <i>Plant Science Today</i> , 2016, 3, 48-54.	0.7	4
43	Role of Plant Growth Regulators (PGRs) in Mitigation of Heavy Metal Phytotoxicity in Plants. <i>Nanotechnology in the Life Sciences</i> , 2020, , 263-304.	0.6	3
45	Salicylic Acid Ameliorates Cadmium Toxicity by Increasing Nutrients Uptake and Upregulating Antioxidant Enzyme Activity and Uptake/Transport-Related Genes in <i>Oryza sativa</i> L. indica. <i>Journal of Plant Growth Regulation</i> , 2023, 42, 1158-1170.	5.1	5
46	Salicylic Acid, a Multifaceted Hormone, Combats Abiotic Stresses in Plants. <i>Life</i> , 2022, 12, 886.	2.4	41
47	Physiological and biochemical responses of <i>Brassica napus</i> L. cultivars exposed to Cd stress. <i>Plant, Soil and Environment</i> , 2022, 68, 431-440.	2.2	2
48	Salicylic Acid Improves Agro-Morphology, Yield and Ion Accumulation of Two Wheat (<i>Triticum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 107 3.05	3.05	4
49	Neutral-to-positive cadmium effects on germination and seedling vigor, with and without seed priming. <i>Journal of Hazardous Materials</i> , 2023, 448, 130813.	12.4	9
50	The effect of priming on physiological and biochemical traits of French bean (<i>Phaseolus vulgaris</i>) under cobalt chloride stress. <i>Iranian Journal of Seed Research</i> , 2022, 9, 111-126.	0.1	0