

Katarzyna Ciacka

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

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759233

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#	ARTICLE	IF	CITATIONS
1	Dormancy removal of apple seeds by cold stratification is associated with fluctuation in H ₂ O ₂ , NO production and protein carbonylation level. <i>Journal of Plant Physiology</i> , 2013, 170, 480-488.	3.5	52
2	Carbonylation of proteins – an element of plant ageing. <i>Planta</i> , 2020, 252, 12.	3.2	40
3	Polyamines and Nitric Oxide Link in Regulation of Dormancy Removal and Germination of Apple (<i>Malus</i>) Tj ETQq1 1,0,784314,rgBT /O	5.1	31
4	Dormancy alleviation by NO or HCN leading to decline of protein carbonylation levels in apple (<i>Malus</i>) Tj ETQq0 0 0,rgBT /Overlock 10 Tf	3.5	27
5	Nitric oxide-polyamines cross-talk during dormancy release and germination of apple embryos. <i>Nitric Oxide - Biology and Chemistry</i> , 2017, 68, 38-50.	2.7	25
6	Modification of the endogenous NO level influences apple embryos dormancy by alterations of nitrated and biotinylated protein patterns. <i>Planta</i> , 2016, 244, 877-891.	3.2	23
7	l-Canavanine: How does a simple non-protein amino acid inhibit cellular function in a diverse living system?. <i>Phytochemistry Reviews</i> , 2017, 16, 1269-1282.	6.5	21
8	ROS Metabolism Perturbation as an Element of Mode of Action of Allelochemicals. <i>Antioxidants</i> , 2021, 10, 1648.	5.1	19
9	Nitric Oxide-Induced Dormancy Removal of Apple Embryos Is Linked to Alterations in Expression of Genes Encoding ABA and JA Biosynthetic or Transduction Pathways and RNA Nitration. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1007.	4.1	17
10	Effect of Nitrogen Reactive Compounds on Aging in Seed. <i>Frontiers in Plant Science</i> , 2020, 11, 1011.	3.6	17
11	Destabilization of ROS metabolism in tomato roots as a phytotoxic effect of meta -tyrosine. <i>Plant Physiology and Biochemistry</i> , 2018, 123, 369-377.	5.8	13
12	“Nitrosative Door” in Seed Dormancy Alleviation and Germination. <i>Signaling and Communication in Plants</i> , 2015, , 215-237.	0.7	12
13	Dormancy removal by cold stratification increases glutathione and S-nitrosoglutathione content in apple seeds. <i>Plant Physiology and Biochemistry</i> , 2019, 138, 112-120.	5.8	11
14	Glutathione Modulation in PVYNTN Susceptible and Resistant Potato Plant Interactions. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3797.	4.1	8
15	Nitric Oxide as a Remedy against Oxidative Damages in Apple Seeds Undergoing Accelerated Ageing. <i>Antioxidants</i> , 2022, 11, 70.	5.1	6
16	Cold stratification-induced dormancy removal in apple (<i>Malus domestica</i> Borkh.) seeds is accompanied by an increased glutathione pool in embryonic axes. <i>Journal of Plant Physiology</i> , 2022, 274, 153736.	3.5	5
17	Toxicity of meta-Tyrosine. <i>Plants</i> , 2021, 10, 2800.	3.5	4
18	In vitro differentiation of tracheary elements is induced by suppression of Arabidopsis phytooglobins. <i>Plant Physiology and Biochemistry</i> , 2019, 135, 141-148.	5.8	3