

Wioleta Wojtasik

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

440
citations

759055

12
h-index

794469

19
g-index

19
all docs

19
docs citations

19
times ranked

597
citing authors

#	ARTICLE	IF	CITATIONS
1	3-Hydroxybutyrate as a Metabolite and a Signal Molecule Regulating Processes of Living Organisms. <i>Biomolecules</i> , 2021, 11, 402.	1.8	79
2	Polyamine metabolism in flax in response to treatment with pathogenic and non-pathogenic <i>Fusarium</i> strains. <i>Frontiers in Plant Science</i> , 2015, 6, 291.	1.7	38
3	<i>Fusarium oxysporum</i> infection activates the plastidial branch of the terpenoid biosynthesis pathway in flax, leading to increased ABA synthesis. <i>Planta</i> , 2020, 251, 50.	1.6	38
4	The cinnamyl alcohol dehydrogenase family in flax: Differentiation during plant growth and under stress conditions. <i>Journal of Plant Physiology</i> , 2018, 221, 132-143.	1.6	34
5	Crossbreeding of transgenic flax plants overproducing flavonoids and glucosyltransferase results in progeny with improved antifungal and antioxidative properties. <i>Molecular Breeding</i> , 2014, 34, 1917-1932.	1.0	31
6	Fibres from flax overproducing β -1,3-glucanase show increased accumulation of pectin and phenolics and thus higher antioxidant capacity. <i>BMC Biotechnology</i> , 2013, 13, 10.	1.7	29
7	The changes in pectin metabolism in flax infected with <i>Fusarium</i> . <i>Plant Physiology and Biochemistry</i> , 2011, 49, 862-872.	2.8	27
8	Methyl Salicylate Level Increase in Flax after <i>Fusarium oxysporum</i> Infection Is Associated with Phenylpropanoid Pathway Activation. <i>Frontiers in Plant Science</i> , 2016, 7, 1951.	1.7	27
9	Influence of the Bioactive Diet Components on the Gene Expression Regulation. <i>Nutrients</i> , 2021, 13, 3673.	1.7	27
10	Evaluation of the significance of cell wall polymers in flax infected with a pathogenic strain of <i>Fusarium oxysporum</i> . <i>BMC Plant Biology</i> , 2016, 16, 75.	1.6	25
11	Oligonucleotide treatment causes flax β -1,3-glucanase up-regulation via changes in gene-body methylation. <i>BMC Plant Biology</i> , 2014, 14, 261.	1.6	17
12	Composition and Antimicrobial Activity of Ilex Leaves Water Extracts. <i>Molecules</i> , 2021, 26, 7442.	1.7	17
13	Emulsions Made of Oils from Seeds of GM Flax Protect V79 Cells against Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-12.	1.9	11
14	3-Hydroxybutyrate Is Active Compound in Flax that Upregulates Genes Involved in DNA Methylation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2887.	1.8	11
15	DNA Methylation Profile of β -1,3-Glucanase and Chitinase Genes in Flax Shows Specificity Towards <i>Fusarium Oxysporum</i> Strains Differing in Pathogenicity. <i>Microorganisms</i> , 2019, 7, 589.	1.6	10
16	Expression of heterologous lycopene β -cyclase gene in flax can cause silencing of its endogenous counterpart by changes in gene-body methylation and in ABA homeostasis mechanism. <i>Plant Physiology and Biochemistry</i> , 2018, 127, 143-151.	2.8	8
17	V79 Fibroblasts Are Protected Against Reactive Oxygen Species by Flax Fabric. <i>Applied Biochemistry and Biotechnology</i> , 2018, 184, 366-385.	1.4	4
18	Abscisic Acid-Defensive Player in Flax Response to <i>Fusarium culmorum</i> Infection. <i>Molecules</i> , 2022, 27, 2833.	1.7	4

#	ARTICLE	IF	CITATIONS
19	Rearrangement of cell wall polymers in flax infected with a pathogenic strain of <i>Fusarium culmorum</i> . <i>Physiological and Molecular Plant Pathology</i> , 2020, 110, 101461.	1.3	3