

Anna Milewska-Hendel

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

405
citations

687363

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839539

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docs citations

18
times ranked

478
citing authors

#	ARTICLE	IF	CITATIONS
1	Fate of neutral-charged gold nanoparticles in the roots of the <i>Hordeum vulgare</i> L. cultivar Karat. <i>Scientific Reports</i> , 2017, 7, 3014.	3.3	56
2	Effect of Nanoparticles Surface Charge on the <i>Arabidopsis thaliana</i> (L.) Roots Development and Their Movement into the Root Cells and Protoplasts. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1650.	4.1	50
3	Aluminum Alters the Histology and Pectin Cell Wall Composition of Barley Roots. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3039.	4.1	34
4	Spatial Distribution of Selected Chemical Cell Wall Components in the Embryogenic Callus of <i>Brachypodium distachyon</i> . <i>PLoS ONE</i> , 2016, 11, e0167426.	2.5	30
5	Diverse influence of nanoparticles on plant growth with a particular emphasis on crop plants. <i>Acta Agrobotanica</i> , 2016, 69, .	1.0	30
6	Unique chromoplast organisation and carotenoid gene expression in carotenoid-rich carrot callus. <i>Planta</i> , 2018, 248, 1455-1471.	3.2	28
7	Nanoparticlesâ€™ Plant Interaction: What We Know, Where We Are?. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5473.	2.5	25
8	Quantitative and qualitative characteristics of cell wall components and prenyl lipids in the leaves of <i>Tilia x euchlora</i> trees growing under salt stress. <i>PLoS ONE</i> , 2017, 12, e0172682.	2.5	22
9	Nuclear genome stability in long-term cultivated callus lines of <i>Fagopyrum tataricum</i> (L.) Gaertn. <i>PLoS ONE</i> , 2017, 12, e0173537.	2.5	20
10	The development of a hairless phenotype in barley roots treated with gold nanoparticles is accompanied by changes in the symplasmic communication. <i>Scientific Reports</i> , 2019, 9, 4724.	3.3	20
11	5-Azacididine Induces Cell Death in a Tissue Culture of <i>Brachypodium distachyon</i> . <i>International Journal of Molecular Sciences</i> , 2018, 19, 1806.	4.1	18
12	Inhibition of Carotenoid Biosynthesis by CRISPR/Cas9 Triggers Cell Wall Remodelling in Carrot. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6516.	4.1	14
13	Organ and Tissue-Specific Localisation of Selected Cell Wall Epitopes in the Zygotic Embryo of <i>Brachypodium distachyon</i> . <i>International Journal of Molecular Sciences</i> , 2018, 19, 725.	4.1	13
14	Gold Nanoparticles-Induced Modifications in Cell Wall Composition in Barley Roots. <i>Cells</i> , 2021, 10, 1965.	4.1	12
15	Cell Wall Epitopes and Endoploidy as Reporters of Embryogenic Potential in <i>Brachypodium Distachyon</i> Callus Culture. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3811.	4.1	10
16	Cell wall epitopes in grasses of different novel ecosystem habitats on postâ€ industrial sites. <i>Land Degradation and Development</i> , 2021, 32, 1680-1694.	3.9	9
17	Stability and instability processes in the calli of <i>Fagopyrum tataricum</i> that have different morphogenic potentials. <i>Plant Cell, Tissue and Organ Culture</i> , 2019, 137, 343-357.	2.3	8
18	Morphological, Histological and Ultrastructural Changes in <i>Hordeum vulgare</i> (L.) Roots That Have Been Exposed to Negatively Charged Gold Nanoparticles. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 3265.	2.5	6