

Aleksandra Maria Staszak

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21
papers

142
citations

7
h-index

11
g-index

24
ext. papers

226
ext. citations

3.9
avg, IF

3.41
L-index

#	Paper	IF	Citations
21	Mitochondria Are Important Determinants of the Aging of Seeds. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	22
20	Analysis of the embryo proteome of sycamore (<i>Acer pseudoplatanus</i> L.) seeds reveals a distinct class of proteins regulating dormancy release. <i>Journal of Plant Physiology</i> , 2016 , 195, 9-22	3.6	22
19	Proteomic analysis of embryogenesis and the acquisition of seed dormancy in Norway maple (<i>Acer platanoides</i> L.). <i>International Journal of Molecular Sciences</i> , 2014 , 15, 10868-91	6.3	21
18	Insight into the Phytoremediation Capability of (v. Malopolska): Metal Accumulation and Antioxidant Enzyme Activity. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	15
17	Adaptation of Forest Trees to Rapidly Changing Climate. <i>Forests</i> , 2020 , 11, 123	2.8	13
16	Signalling regulators of abscisic and gibberellic acid pathways are involved in dormancy breaking of Norway maple (<i>Acer platanoides</i> L.) seeds. <i>Acta Physiologiae Plantarum</i> , 2017 , 39, 1	2.6	8
15	Plant development reprogramming by cynipid gall wasp: proteomic analysis. <i>Acta Physiologiae Plantarum</i> , 2017 , 39, 1	2.6	7
14	Regulation of thiol metabolism as a factor that influences the development and storage capacity of beech seeds. <i>Journal of Plant Physiology</i> , 2019 , 239, 61-70	3.6	6
13	DNA synthesis pattern, proteome, and ABA and GA signalling in developing seeds of Norway maple (<i>Acer platanoides</i>). <i>Functional Plant Biology</i> , 2019 , 46, 152-164	2.7	5
12	Mitochondrial Biogenesis in Diverse Cauliflower Cultivars under Mild and Severe Drought. Impaired Coordination of Selected Transcript and Proteomic Responses, and Regulation of Various Multifunctional Proteins. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	4
11	Molecular and structural changes in vegetative buds of Norway spruce during dormancy in natural weather conditions. <i>Tree Physiology</i> , 2018 , 38, 721-734	4.2	3
10	Cyanogenic glycosides can function as nitrogen reservoir for flax plants cultured under N-deficient conditions. <i>Plant, Soil and Environment</i> , 2021 , 67, 245-253	2.2	3
9	Proteomic analysis of black poplar (<i>Populus nigra</i> L.) seed storability. <i>Annals of Forest Science</i> , 2019 , 76, 1	3.1	2
8	Differences in stress defence mechanisms in germinating seeds of <i>Pinus sylvestris</i> exposed to various lead chemical forms. <i>PLoS ONE</i> , 2020 , 15, e0238448	3.7	2
7	Temperature Regulation of Primary and Secondary Seed Dormancy in L.: Findings from Proteomic Analysis. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	2
6	Changes in Proline Levels during Seed Development of Orthodox and Recalcitrant Seeds of Genus <i>Acer</i> in a Climate Change Scenario. <i>Forests</i> , 2020 , 11, 1362	2.8	2
5	Climate change affects seed aging? Initiation mechanism and consequences of loss of forest tree seed viability. <i>Trees - Structure and Function</i> , 2021 , 35, 1099-1108	2.6	2

4	Somatic Embryogenesis of Norway Spruce and Scots Pine: Possibility of Application in Modern Forestry. <i>Forests</i> , 2022 , 13, 155	2.8	1
3	Activation of antioxidative and detoxificative systems in <i>Brassica juncea</i> L. plants against the toxicity of heavy metals. <i>Scientific Reports</i> , 2021 , 11, 22345	4.9	1
2	Relationship between mitochondrial changes and seed aging as a limitation of viability for the storage of beech seed (L.). <i>PeerJ</i> , 2021 , 9, e10569	3.1	1
1	Using isothermal calorimetry and FT-Raman spectroscopy for step-by-step monitoring of maize seed germination: case study. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020 , 142, 755-763	4.1	0