

# Aleksandra Maria Staszak

## List of Publications by Year in Descending Order

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**Version:** 2024-04-23

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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	Somatic Embryogenesis of Norway Spruce and Scots Pine: Possibility of Application in Modern Forestry. <i>Forests</i> , <b>2022</b> , 13, 155	2.8	1
20	Activation of antioxidative and detoxificative systems in Brassica juncea L. plants against the toxicity of heavy metals. <i>Scientific Reports</i> , <b>2021</b> , 11, 22345	4.9	1
19	Cyanogenic glycosides can function as nitrogen reservoir for flax plants cultured under N-deficient conditions. <i>Plant, Soil and Environment</i> , <b>2021</b> , 67, 245-253	2.2	3
18	Climate change affects seed aging? Initiation mechanism and consequences of loss of forest tree seed viability. <i>Trees - Structure and Function</i> , <b>2021</b> , 35, 1099-1108	2.6	2
17	Relationship between mitochondrial changes and seed aging as a limitation of viability for the storage of beech seed (L.). <i>PeerJ</i> , <b>2021</b> , 9, e10569	3.1	1
16	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> , <b>2020</b> , 142, 755-763	4.1	0
15	Adaptation of Forest Trees to Rapidly Changing Climate. <i>Forests</i> , <b>2020</b> , 11, 123	2.8	13
14	Differences in stress defence mechanisms in germinating seeds of Pinus sylvestris exposed to various lead chemical forms. <i>PLoS ONE</i> , <b>2020</b> , 15, e0238448	3.7	2
13	Temperature Regulation of Primary and Secondary Seed Dormancy in L.: Findings from Proteomic Analysis. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	2
12	Changes in Proline Levels during Seed Development of Orthodox and Recalcitrant Seeds of Genus Acer in a Climate Change Scenario. <i>Forests</i> , <b>2020</b> , 11, 1362	2.8	2
11	Insight into the Phytoremediation Capability of (v. Malopolska): Metal Accumulation and Antioxidant Enzyme Activity. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	15
10	Regulation of thiol metabolism as a factor that influences the development and storage capacity of beech seeds. <i>Journal of Plant Physiology</i> , <b>2019</b> , 239, 61-70	3.6	6
9	Mitochondria Are Important Determinants of the Aging of Seeds. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	22
8	Proteomic analysis of black poplar (Populus nigra L.) seed storability. <i>Annals of Forest Science</i> , <b>2019</b> , 76, 1	3.1	2
7	DNA synthesis pattern, proteome, and ABA and GA signalling in developing seeds of Norway maple (Acer platanoides). <i>Functional Plant Biology</i> , <b>2019</b> , 46, 152-164	2.7	5
6	Molecular and structural changes in vegetative buds of Norway spruce during dormancy in natural weather conditions. <i>Tree Physiology</i> , <b>2018</b> , 38, 721-734	4.2	3
5	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> , <b>2018</b> , 19,	6.3	4

4	Plant development reprogramming by cynipid gall wasp: proteomic analysis. <i>Acta Physiologiae Plantarum</i> , <b>2017</b> , 39, 1	2.6	7
3	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> , <b>2017</b> , 39, 1	2.6	8
2	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> , <b>2016</b> , 195, 9-22	3.6	22
1	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> , <b>2014</b> , 15, 10868-91	6.3	21