

# Aleksandra Maria Staszak

## List of Publications by Year in descending order

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24  
papers

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24  
docs citations

24  
times ranked

413  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondria Are Important Determinants of the Aging of Seeds. International Journal of Molecular Sciences, 2019, 20, 1568.	1.8	47
2	Adaptation of Forest Trees to Rapidly Changing Climate. Forests, 2020, 11, 123.	0.9	42
3	Insight into the Phytoremediation Capability of Brassica juncea (v. Malopolska): Metal Accumulation and Antioxidant Enzyme Activity. International Journal of Molecular Sciences, 2019, 20, 4355.	1.8	29
4	Analysis of the embryo proteome of sycamore (Acer pseudoplatanus L.) seeds reveals a distinct class of proteins regulating dormancy release. Journal of Plant Physiology, 2016, 195, 9-22.	1.6	24
5	Proteomic Analysis of Embryogenesis and the Acquisition of Seed Dormancy in Norway Maple (Acer) Tj ETQq1 1 0.784314 rgBT /Overl	1.8	22
6	Climate change affects seed aging? Initiation mechanism and consequences of loss of forest tree seed viability. Trees - Structure and Function, 2021, 35, 1099-1108.	0.9	17
7	Plant development reprogramming by cynipid gall wasp: proteomic analysis. Acta Physiologiae Plantarum, 2017, 39, 1.	1.0	12
8	Regulation of thiol metabolism as a factor that influences the development and storage capacity of beech seeds. Journal of Plant Physiology, 2019, 239, 61-70.	1.6	11
9	Somatic Embryogenesis of Norway Spruce and Scots Pine: Possibility of Application in Modern Forestry. Forests, 2022, 13, 155.	0.9	11
10	Activation of antioxidative and detoxificative systems in Brassica juncea L. plants against the toxicity of heavy metals. Scientific Reports, 2021, 11, 22345.	1.6	10
11	Signalling regulators of abscisic and gibberellic acid pathways are involved in dormancy breaking of Norway maple (Acer platanoides L.) seeds. Acta Physiologiae Plantarum, 2017, 39, 1.	1.0	9
12	Changes in Proline Levels during Seed Development of Orthodox and Recalcitrant Seeds of Genus Acer in a Climate Change Scenario. Forests, 2020, 11, 1362.	0.9	9
13	Relationship between mitochondrial changes and seed aging as a limitation of viability for the storage of beech seed ( <i>Fagus sylvatica</i> L.). PeerJ, 2021, 9, e10569.	0.9	9
14	Molecular and structural changes in vegetative buds of Norway spruce during dormancy in natural weather conditions. Tree Physiology, 2018, 38, 721-734.	1.4	8
15	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. International Journal of Molecular Sciences, 2018, 19, 1130.	1.8	8
16	Proteomic analysis of black poplar (Populus nigra L.) seed storability. Annals of Forest Science, 2019, 76, 1.	0.8	8
17	DNA synthesis pattern, proteome, and ABA and GA signalling in developing seeds of Norway maple (Acer) Tj ETQq1 1 0.784314 rgBT /Ov	1.1	8
18	Temperature Regulation of Primary and Secondary Seed Dormancy in Rosa canina L.: Findings from Proteomic Analysis. International Journal of Molecular Sciences, 2020, 21, 7008.	1.8	8

#	ARTICLE	IF	CITATIONS
19	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.	2.0	6
20	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.	1.0	6
21	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.	1.1	6
22	Seed Total Protein Profiling in Discrimination of Closely Related Pines: Evidence from the <i>Pinus mugo</i> Complex. <i>Plants</i> , 2020, 9, 872.	1.6	1
23	Expression of abscisic and gibberellic acid signalling factors in <i>Fagus sylvatica</i> L. seeds during dormancy breaking and germination. <i>Dendrobiology</i> , 0, 81, 22-30.	0.6	1
24	Exogenous seed treatment with proline and its consequences to Norway spruce ( <i>Picea abies</i> (L.) H.) Tj ETQq0 0 0 rgBT /Overlck 10 Tf 5	0.6	0