

# Agnieszka Szewczyk

## List of Publications by Citations

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25  
papers

517  
citations

13  
h-index

22  
g-index

31  
ext. papers

654  
ext. citations

3.8  
avg, IF

3.79  
L-index

#	Paper	IF	Citations
25	Vitamin B6 deficient plants display increased sensitivity to high light and photo-oxidative stress. <i>BMC Plant Biology</i> , <b>2009</b> , 9, 130	5.3	89
24	Enhanced concentrations of elements and secondary metabolites in <i>Viola tricolor</i> L. induced by arbuscular mycorrhizal fungi. <i>Plant and Soil</i> , <b>2015</b> , 390, 129-142	4.2	58
23	LED lighting affects plant growth, morphogenesis and phytochemical contents of <i>Myrtus communis</i> L. in vitro. <i>Plant Cell, Tissue and Organ Culture</i> , <b>2018</b> , 132, 433-447	2.7	44
22	Production of bioactive phenolic acids and furanocoumarins in in vitro cultures of <i>Ruta graveolens</i> L. and <i>Ruta graveolens</i> ssp. <i>divaricata</i> (Tenore) Gams. under different light conditions. <i>Plant Cell, Tissue and Organ Culture</i> , <b>2012</b> , 110, 329-336	2.7	38
21	Physiologically Active Compounds in Four Species of <i>Phellinus</i> . <i>Natural Product Communications</i> , <b>2017</b> , 12, 363-366	0.9	31
20	Antibacterial, antioxidant and anti-proliferative properties and zinc content of five south Portugal herbs. <i>Pharmaceutical Biology</i> , <b>2017</b> , 55, 114-123	3.8	30
19	Complex assembly and metabolic profiling of <i>Arabidopsis thaliana</i> plants overexpressing vitamin B <sub>6</sub> biosynthesis proteins. <i>Molecular Plant</i> , <b>2010</b> , 3, 890-903	14.4	27
18	The Pdx1 family is structurally and functionally conserved between <i>Arabidopsis thaliana</i> and <i>Ginkgo biloba</i> . <i>FEBS Journal</i> , <b>2008</b> , 275, 960-9	5.7	26
17	Caffeic acid derivatives from a hairy root culture of <i>Lactuca virosa</i> . <i>Acta Physiologiae Plantarum</i> , <b>2012</b> , 34, 291-298	2.6	21
16	Physiologically Active Compounds in Four Species of <i>Phellinus</i> . <i>Natural Product Communications</i> , <b>2017</b> , 12, 1934578X1701200	0.9	19
15	Identification of Predominant Phytochemical Compounds and Cytotoxic Activity of Wild Olive Leaves ( <i>Olea europaea</i> L. ssp. <i>sylvestris</i> ) Harvested in South Portugal. <i>Chemistry and Biodiversity</i> , <b>2017</b> , 14, e1600331	2.5	18
14	Selenium and Zinc Biofortification of Mycelium and Fruiting Bodies as a Tool for Controlling Their Biological Activity. <i>Molecules</i> , <b>2020</b> , 25,	4.8	14
13	In vitro cultures of <i>Bacopa monnieri</i> and an analysis of selected groups of biologically active metabolites in their biomass. <i>Pharmaceutical Biology</i> , <b>2016</b> , 54, 2443-2453	3.8	13
12	Kinetics of extracted bioactive components from mushrooms in artificial digestive juices. <i>International Journal of Food Properties</i> , <b>2017</b> , 20, 1796-1817	3	13
11	Chemical composition and biological activity of extracts from fruiting bodies and mycelial cultures of <i>Fomitopsis betulina</i> . <i>Molecular Biology Reports</i> , <b>2018</b> , 45, 2535-2544	2.8	11
10	Melatonin promotes seed germination under salinity and enhances the biosynthesis of steviol glycosides in <i>Stevia rebaudiana</i> Bertoni leaves. <i>PLoS ONE</i> , <b>2020</b> , 15, e0230755	3.7	10
9	Antioxidant components of selected indigenous edible mushrooms of the obsolete order Aphyllophorales. <i>Revista Iberoamericana De Micologia</i> , <b>2015</b> , 32, 99-102	1.6	9

8	Biotransformation of hydroquinone to arbutin in plant in vitro cultures [preliminary results]. <i>Acta Physiologiae Plantarum</i> , <b>2005</b> , 27, 79-87	2.6	9
7	Protective Effects of Bacopa Monnieri on Hydrogen Peroxide and Staurosporine: Induced Damage of Human Neuroblastoma SH-SY5Y Cells. <i>Planta Medica</i> , <b>2016</b> , 82, 205-10	3.1	6
6	Fermented Vinegars from Apple Peels, Raspberries, Rosehips, Lavender, Mint, and Rose Petals: The Composition, Antioxidant Power, and Genoprotective Abilities in Comparison to Acetic Macerates, Decoctions, and Tinctures. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	6
5	Determining the amount of potentially bioavailable phenolic compounds and bioelements in edible mushroom mycelia of <i>Agaricus bisporus</i> , <i>Cantharellus cibarius</i> , and <i>Lentinula edodes</i> . <i>Food Chemistry</i> , <b>2021</b> , 352, 129456	8.5	6
4	Bioaccessibility of phenolic compounds, lutein, and bioelements of preparations containing in artificial digestive juices. <i>Journal of Applied Phycology</i> , <b>2018</b> , 30, 1629-1640	3.2	5
3	Chemical compounds of extracts from <i>Sarcodon imbricatus</i> at optimized growth conditions. <i>Acta Mycologica</i> , <b>2017</b> , 51,	1	4
2	Chemopreventive and Anticancer Activities of Bacopa Monnieri Extracted from Artificial Digestive Juices. <i>Natural Product Communications</i> , <b>2017</b> , 12, 1934578X1701200	0.9	2
1	Phenylalanine Increases the Production of Antioxidant Phenolic Acids in Cell Cultures. <i>Molecules</i> , <b>2021</b> , 26,	4.8	2