

# Áva Domokos-Szabolcsy

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10964900/publications.pdf>

Version: 2024-02-01

23  
papers

818  
citations

758635

12  
h-index

794141

19  
g-index

23  
all docs

23  
docs citations

23  
times ranked

857  
citing authors

#	ARTICLE	IF	CITATIONS
1	Selenium and nano-selenium in plant nutrition. <i>Environmental Chemistry Letters</i> , 2016, 14, 123-147.	8.3	146
2	Selenium and nano-selenium in agroecosystems. <i>Environmental Chemistry Letters</i> , 2014, 12, 495-510.	8.3	108
3	Accumulation of red elemental selenium nanoparticles and their biological effects in <i>Nicotinia tabacum</i> . <i>Plant Growth Regulation</i> , 2012, 68, 525-531.	1.8	99
4	Selenium in soils under climate change, implication for human health. <i>Environmental Chemistry Letters</i> , 2015, 13, 1-19.	8.3	77
5	Nanoparticles, Soils, Plants and Sustainable Agriculture. <i>Sustainable Agriculture Reviews</i> , 2016, , 283-312.	0.6	50
6	Selenium and Nano-Selenium Biofortification for Human Health: Opportunities and Challenges. <i>Soil Systems</i> , 2020, 4, 57.	1.0	50
7	Effects of selenate and red Se-nanoparticles on the photosynthetic apparatus of <i>Nicotiana tabacum</i> . <i>Photosynthesis Research</i> , 2019, 139, 449-460.	1.6	38
8	Selenium in Agriculture: Water, Air, Soil, Plants, Food, Animals and Nanoselenium. <i>Environmental Chemistry for A Sustainable World</i> , 2015, , 153-232.	0.3	30
9	Giant reed for selenium phytoremediation under changing climate. <i>Environmental Chemistry Letters</i> , 2015, 13, 359-380.	8.3	29
10	Selenium and its Role in Higher Plants. <i>Environmental Chemistry for A Sustainable World</i> , 2015, , 235-296.	0.3	29
11	Plant Nano-nutrition: Perspectives and Challenges. <i>Environmental Chemistry for A Sustainable World</i> , 2018, , 129-161.	0.3	28
12	Nanoremediation for Sustainable Crop Production. <i>Sustainable Agriculture Reviews</i> , 2017, , 335-363.	0.6	19
13	Plant Nutrients and Their Roles Under Saline Soil Conditions. , 2018, , 297-324.		16
14	Giant Reed ( <i>Arundo donax</i> L.): A Green Technology for Clean Environment. , 2015, , 3-20.		15
15	Biological changes of green pea ( <i>Pisum sativum</i> L.) by selenium enrichment. <i>Acta Biologica Hungarica</i> , 2017, 68, 60-72.	0.7	13
16	Selenoamino Acid-Enriched Green Pea as a Value-Added Plant Protein Source for Humans and Livestock. <i>Plant Foods for Human Nutrition</i> , 2017, 72, 168-175.	1.4	13
17	Identification of Bioactive Phytochemicals in Leaf Protein Concentrate of Jerusalem Artichoke ( <i>Helianthus tuberosus</i> L.). <i>Plants</i> , 2020, 9, 889.	1.6	12
18	Selenate tolerance and selenium hyperaccumulation in the monocot giant reed ( <i>Arundo donax</i> ), a biomass crop plant with phytoremediation potential. <i>Environmental Science and Pollution Research</i> , 2018, 25, 31368-31380.	2.7	11

#	ARTICLE	IF	CITATIONS
19	Refining high-quality leaf protein and valuable co-products from green biomass of Jerusalem artichoke ( <i>Helianthus tuberosus</i> L.) for sustainable protein supply. <i>Biomass Conversion and Biorefinery</i> , 2022, 12, 2149-2164.	2.9	10
20	Uptake Dynamics of Ionic and Elemental Selenium Forms and Their Metabolism in Multiple-Harvested Alfalfa ( <i>Medicago sativa</i> L.). <i>Plants</i> , 2021, 10, 1277.	1.6	10
21	Nanoparticle-Associated Phytotoxicity and Abiotic Stress Under Agroecosystems. , 2018, , 241-268.		7
22	Selenium Phytoremediation by Giant Reed. <i>Environmental Chemistry for A Sustainable World</i> , 2015, , 133-198.	0.3	5
23	Selenium and nano-selenium biofortified sprouts using micro-farm systems. , 2015, , 189-190.		3