Katalin Posta

List of Publications by Year
in descending order

23 papers	431 citations	933447 10 h-index	752698 20 g-index
23 all docs	23 docs citations	23 times ranked	603 citing authors

#	Article	IF	Citations
1	Alternative to ZnO to establish balanced intestinal microbiota for weaning piglets. PLoS ONE, 2022, 17, e0265573.	2.5	3
2	Responses of Soil Respiration to Biotic and Abiotic Drivers in a Temperate Cropland. Eurasian Soil Science, 2021, 54, 1038-1048.	1.6	3
3	Differences in the effects of single and mixed species of AMF on the growth and oxidative stress defense in Lolium perenne exposed to hydrocarbons. Ecotoxicology and Environmental Safety, 2021, 217, 112252.	6.0	21
4	Metagenomic Analysis of Bacterial Communities in Agricultural Soils from Vietnam with Special Attention to Phosphate Solubilizing Bacteria. Microorganisms, 2021, 9, 1796.	3.6	19
5	Impact of Soil-Applied Microbial Inoculant and Fertilizer on Fungal and Bacterial Communities in the Rhizosphere of Robinia sp. and Populus sp. Plantations. Forests, 2021, 12, 1218.	2.1	0
6	Performance Comparison of Eichhornia crassipes and Salvinia natans on Azo-Dye (Eriochrome Black T) Phytoremediation. Crystals, 2020, 10, 565.	2.2	23
7	Defense Enzymes in Mycorrhizal Tomato Plants Exposed to Combined Drought and Heat Stresses. Agronomy, 2020, 10, 1657.	3.0	9
8	Adsorption of Remazol Brilliant Violet-5R Textile Dye from Aqueous Solutions by Using Eggshell Waste Biosorbent. Scientific Reports, 2020, 10, 8385.	3.3	48
9	Genotyping of Acantamoeba spp. from rhisophere in Hungary. Acta Microbiologica Et Immunologica Hungarica, 2020, 67, 171-175.	0.8	1
10	Comparative analysis of overexpressed Fragaria vesca S-adenosyl-l-methionine synthase (FvSAMS) and decarboxylase (FvSAMDC) during salt stress in transgenic Nicotiana benthamiana. Plant Growth Regulation, 2020, 91, 53-73.	3.4	12
11	Arbuscular Mycorrhizal Fungi Improve Tolerance of the Medicinal Plant Eclipta prostrata (L.) and Induce Major Changes in Polyphenol Profiles Under Salt Stresses. Frontiers in Plant Science, 2020, 11, 612299.	3.6	30
12	Mycorrhizal Root Exudates Induce Changes in the Growth and Fumonisin Gene (FUM1) Expression of Fusarium proliferatum. Agronomy, 2019, 9, 291.	3.0	2
13	Changes in DNA methylation pattern of apple long-term in vitro shoot culture and acclimatized plants. Journal of Plant Physiology, 2019, 239, 18-27.	3.5	6
14	Glomalin gene as molecular marker for functional diversity of arbuscular mycorrhizal fungi in soil. Biology and Fertility of Soils, 2019, 55, 411-417.	4.3	21
15	Effect of Long-Term Cropping Systems on the Diversity of the Soil Bacterial Communities. Agronomy, 2019, 9, 878.	3.0	16
16	Adsorptive Removal of Remazol Brilliant Violet-5R Dye from Aqueous Solutions using Calcined Eggshell as Biosorbent. Acta Chimica Slovenica, 2019, 66, 648-658.	0.6	12
17	Rhizospheric, mycorrhizal and heterotrophic respiration in dry grasslands. European Journal of Soil Biology, 2018, 85, 43-52.	3.2	10
18	Mycorrhiza-induced alleviation of plant disease caused by Clavibacter michiganensis subsp. michiganensis and role of ethylene in mycorrhiza-induced resistance in tomato. Acta Biologica Hungarica, 2018, 69, 170-181.	0.7	11

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19	Arbuscular mycorrhizal fungi mitigate negative effects of combined drought and heat stress on tomato plants. Plant Physiology and Biochemistry, 2018, 132, 297-307.	5.8	115
20	The chemical inducer, BTH (benzothiadiazole) and root colonization by mycorrhizal fungi (Glomus spp.) trigger resistance against white rot (Sclerotinia sclerotiorum) in sunflower. Acta Biologica Hungarica, 2017, 68, 50-59.	0.7	8
21	How arbuscular mycorrhizal fungi influence the defense system of sunflower during different abiotic stresses. Acta Biologica Hungarica, 2017, 68, 376-387.	0.7	11
22	Autotrophic component of soil respiration is repressed by drought more than the heterotrophic one in dry grasslands. Biogeosciences, 2016, 13, 5171-5182.	3.3	45
23	From Monoculture to Norfolk System: How the Number of Crops in Rotation Can Influence the Biodiversity of Arbuscular Mycorrhiza Assemblages in the Soil. Open Journal of Ecology, 2014, 04, 1080-1088.	1.0	5