

Katalin Posta

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

431
citations

932766

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752256

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23
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23
docs citations

23
times ranked

603
citing authors

#	ARTICLE	IF	CITATIONS
1	Alternative to ZnO to establish balanced intestinal microbiota for weaning piglets. <i>PLoS ONE</i> , 2022, 17, e0265573.	1.1	3
2	Responses of Soil Respiration to Biotic and Abiotic Drivers in a Temperate Cropland. <i>Eurasian Soil Science</i> , 2021, 54, 1038-1048.	0.5	3
3	Differences in the effects of single and mixed species of AMF on the growth and oxidative stress defense in <i>Lolium perenne</i> exposed to hydrocarbons. <i>Ecotoxicology and Environmental Safety</i> , 2021, 217, 112252.	2.9	21
4	Metagenomic Analysis of Bacterial Communities in Agricultural Soils from Vietnam with Special Attention to Phosphate Solubilizing Bacteria. <i>Microorganisms</i> , 2021, 9, 1796.	1.6	19
5	Impact of Soil-Applied Microbial Inoculant and Fertilizer on Fungal and Bacterial Communities in the Rhizosphere of <i>Robinia</i> sp. and <i>Populus</i> sp. Plantations. <i>Forests</i> , 2021, 12, 1218.	0.9	0
6	Performance Comparison of <i>Eichhornia crassipes</i> and <i>Salvinia natans</i> on Azo-Dye (Eriochrome Black T) Phytoremediation. <i>Crystals</i> , 2020, 10, 565.	1.0	23
7	Defense Enzymes in Mycorrhizal Tomato Plants Exposed to Combined Drought and Heat Stresses. <i>Agronomy</i> , 2020, 10, 1657.	1.3	9
8	Adsorption of Remazol Brilliant Violet-5R Textile Dye from Aqueous Solutions by Using Eggshell Waste Biosorbent. <i>Scientific Reports</i> , 2020, 10, 8385.	1.6	48
9	Genotyping of <i>Acanthamoeba</i> spp. from rhisophere in Hungary. <i>Acta Microbiologica Et Immunologica Hungarica</i> , 2020, 67, 171-175.	0.4	1
10	Comparative analysis of overexpressed <i>Fragaria vesca</i> S-adenosyl-l-methionine synthase (FvSAMS) and decarboxylase (FvSAMDC) during salt stress in transgenic <i>Nicotiana benthamiana</i> . <i>Plant Growth Regulation</i> , 2020, 91, 53-73.	1.8	12
11	Arbuscular Mycorrhizal Fungi Improve Tolerance of the Medicinal Plant <i>Eclipta prostrata</i> (L.) and Induce Major Changes in Polyphenol Profiles Under Salt Stresses. <i>Frontiers in Plant Science</i> , 2020, 11, 612299.	1.7	30
12	Mycorrhizal Root Exudates Induce Changes in the Growth and Fumonisin Gene (FUM1) Expression of <i>Fusarium proliferatum</i> . <i>Agronomy</i> , 2019, 9, 291.	1.3	2
13	Changes in DNA methylation pattern of apple long-term in vitro shoot culture and acclimatized plants. <i>Journal of Plant Physiology</i> , 2019, 239, 18-27.	1.6	6
14	Glomalin gene as molecular marker for functional diversity of arbuscular mycorrhizal fungi in soil. <i>Biology and Fertility of Soils</i> , 2019, 55, 411-417.	2.3	21
15	Effect of Long-Term Cropping Systems on the Diversity of the Soil Bacterial Communities. <i>Agronomy</i> , 2019, 9, 878.	1.3	16
16	Adsorptive Removal of Remazol Brilliant Violet-5R Dye from Aqueous Solutions using Calcined Eggshell as Biosorbent. <i>Acta Chimica Slovenica</i> , 2019, 66, 648-658.	0.2	12
17	Rhizospheric, mycorrhizal and heterotrophic respiration in dry grasslands. <i>European Journal of Soil Biology</i> , 2018, 85, 43-52.	1.4	10
18	Mycorrhiza-induced alleviation of plant disease caused by <i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i> and role of ethylene in mycorrhiza-induced resistance in tomato. <i>Acta Biologica Hungarica</i> , 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. <i>Plant Physiology and Biochemistry</i> , 2018, 132, 297-307.	2.8	115
20	The chemical inducer, BTH (benzothiadiazole) and root colonization by mycorrhizal fungi (<i>Glomus</i> spp.) trigger resistance against white rot (<i>Sclerotinia sclerotiorum</i>) in sunflower. <i>Acta Biologica Hungarica</i> , 2017, 68, 50-59.	0.7	8
21	How arbuscular mycorrhizal fungi influence the defense system of sunflower during different abiotic stresses. <i>Acta Biologica Hungarica</i> , 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. <i>Biogeosciences</i> , 2016, 13, 5171-5182.	1.3	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. <i>Open Journal of Ecology</i> , 2014, 04, 1080-1088.	0.4	5