

Veronika Hyskova

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

595
citations

759233

12
h-index

610901

24
g-index

25
all docs

25
docs citations

25
times ranked

871
citing authors

#	ARTICLE	IF	CITATIONS
1	What can enzymes of C4 photosynthesis do for C3 plants under stress?. <i>Plant Science</i> , 2011, 180, 575-583.	3.6	173
2	Effect of posttranslational modifications on enzyme function and assembly. <i>Journal of Proteomics</i> , 2013, 92, 80-109.	2.4	93
3	Phosphoenolpyruvate carboxylase, NADP-malic enzyme, and pyruvate, phosphate dikinase are involved in the acclimation of <i>Nicotiana tabacum</i> L. to drought stress. <i>Journal of Plant Physiology</i> , 2014, 171, 19-25.	3.5	74
4	Enzymatic characterization and molecular modeling of an evolutionarily interesting fungal β -N-acetylhexosaminidase. <i>FEBS Journal</i> , 2011, 278, 2469-2484.	4.7	34
5	NADP-dependent enzymes are involved in response to salt and hypoosmotic stress in cucumber plants. <i>General Physiology and Biophysics</i> , 2017, 36, 247-258.	0.9	23
6	<i>Pythium oligandrum</i> in plant protection and growth promotion: Secretion of hydrolytic enzymes, elicitors and tryptamine as auxin precursor. <i>Microbiological Research</i> , 2022, 258, 126976.	5.3	19
7	Characterization of some potential medicinal plants from Central Europe by their antioxidant capacity and the presence of metal elements. <i>Food Bioscience</i> , 2017, 20, 43-50.	4.4	18
8	Regulation of phosphoenolpyruvate carboxylase in PVY ^{NTN} -infected tobacco plants. <i>Biological Chemistry</i> , 2009, 390, 245-251.	2.5	17
9	Tobacco susceptibility to Potato virus YNTN infection is affected by grafting and endogenous cytokinin content. <i>Plant Science</i> , 2015, 235, 25-36.	3.6	17
10	Effect of Potato Virus Y on the NADP-Malic Enzyme from <i>Nicotiana tabacum</i> L.: mRNA, Expressed Protein and Activity. <i>International Journal of Molecular Sciences</i> , 2009, 10, 3583-3598.	4.1	15
11	Offline and online capillary electrophoresis enzyme assays of β -N-acetylhexosaminidase. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 2425-2434.	3.7	15
12	Characterization of phosphoenolpyruvate carboxylase from mature maize seeds: Properties of phosphorylated and dephosphorylated forms. <i>Biochimie</i> , 2010, 92, 1362-1370.	2.6	14
13	Phytoremediation of carbamazepine and its metabolite 10,11-epoxycarbamazepine by C3 and C4 plants. <i>Environmental Science and Pollution Research</i> , 2015, 22, 20271-20282.	5.3	12
14	The Enzyme Kinetics of the NADP-Malic Enzyme from Tobacco Leaves. <i>Collection of Czechoslovak Chemical Communications</i> , 2007, 72, 1420-1434.	1.0	12
15	Effects of heat treatment on metabolism of tobacco plants infected with Potato virus Y. <i>Plant Biology</i> , 2021, 23, 131-141.	3.8	11
16	Native Red Electrophoresis – A new method suitable for separation of native proteins. <i>Electrophoresis</i> , 2011, 32, 3597-3599.	2.4	8
17	Novel Insights into the Effect of <i>Pythium</i> Strains on Rapeseed Metabolism. <i>Microorganisms</i> , 2020, 8, 1472.	3.6	8
18	Purification and enzymatic characterization of tobacco leaf β -N-acetylhexosaminidase. <i>Biochimie</i> , 2014, 107, 263-269.	2.6	7

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19	HSP70 plays an ambiguous role during viral infections in plants. <i>Biologia Plantarum</i> , 0, 65, 68-79.	1.9	6
20	Unusual Properties and Functions of Plant Pyruvate, Orthophosphate Dikinase. <i>Biochemistry and Analytical Biochemistry: Current Research</i> , 2016, 05, .	0.4	5
21	How is the activity of shikimate dehydrogenase from the root of (parsley) regulated and which side reactions are catalyzed?. <i>Phytochemistry</i> , 2021, 190, 112881.	2.9	4
22	Seed Protection of <i>Solanum lycopersicum</i> with <i>Pythium oligandrum</i> against <i>Alternaria brassicicola</i> and <i>Verticillium albo-atrum</i> . <i>Microorganisms</i> , 2022, 10, 1348.	3.6	4
23	The regulation and catalytic mechanism of the NADP-malic enzyme from tobacco leaves. <i>Journal of the Serbian Chemical Society</i> , 2009, 74, 893-906.	0.8	2
24	Different Roles of β -N-Acetylhexosaminidase in Metabolism. <i>Biochemistry and Analytical Biochemistry: Current Research</i> , 2015, 04, .	0.4	2
25	A CORRECTION HAS BEEN PUBLISHED:Casein hydrolysate as a sole source of nitrogen for in vitro grown tobacco plantlets. <i>Biologia Plantarum</i> , 2016, 60, 635-644.	1.9	2