

Beata Prabucka

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1643214/publications.pdf>

Version: 2024-02-01

16
papers

180
citations

1040056

9
h-index

1125743

13
g-index

17
all docs

17
docs citations

17
times ranked

165
citing authors

#	ARTICLE	IF	CITATIONS
1	PYR/PYL/RCAR Receptors Play a Vital Role in the Abscisic-Acid-Dependent Responses of Plants to External or Internal Stimuli. <i>Cells</i> , 2022, 11, 1352.	4.1	23
2	Activity profiling of barley vacuolar processing enzymes provides new insights into the plant and cyst nematode interaction. <i>Molecular Plant Pathology</i> , 2020, 21, 38-52.	4.2	20
3	Purification and partial characteristic of a major gliadin-degrading cysteine endopeptidase from germinating triticale seeds. <i>Acta Physiologiae Plantarum</i> , 2004, 26, 383-392.	2.1	17
4	The participation of phytocystatin TrcC-4 in the activity regulation of EP8, the main prolamin degrading cysteine endopeptidase in triticale seeds. <i>Plant Growth Regulation</i> , 2013, 69, 131-137.	3.4	16
5	Reactive oxygen species metabolism and photosynthetic performance in leaves of <i>Hordeum vulgare</i> plants co-infested with <i>Heterodera filipjevi</i> and <i>Aceria tosichella</i> . <i>Plant Cell Reports</i> , 2020, 39, 1719-1741.	5.6	13
6	The varied ability of grains to synthesize and catabolize ABA is one of the factors affecting dormancy and its release by after-ripening in imbibed triticale grains of cultivars with different pre-harvest sprouting susceptibilities. <i>Journal of Plant Physiology</i> , 2018, 226, 48-55.	3.5	11
7	Molecular cloning and expression analysis of the main gliadin-degrading cysteine endopeptidase EP8 from triticale. <i>Journal of Cereal Science</i> , 2013, 58, 284-289.	3.7	10
8	Abscisic acid content and the expression of genes related to its metabolism during maturation of triticale grains of cultivars differing in pre-harvest sprouting susceptibility. <i>Journal of Plant Physiology</i> , 2016, 207, 1-9.	3.5	10
9	Signal Transduction in Cereal Plants Struggling with Environmental Stresses: From Perception to Response. <i>Plants</i> , 2022, 11, 1009.	3.5	10
10	Cyst Nematode Infection Elicits Alteration in the Level of Reactive Nitrogen Species, Protein S-Nitrosylation and Nitration, and Nitrosoglutathione Reductase in <i>Arabidopsis thaliana</i> Roots. <i>Antioxidants</i> , 2020, 9, 795.	5.1	9
11	<i>Heterodera schachtii</i> infection affects nitrogen metabolism in <i>Arabidopsis thaliana</i> . <i>Plant Pathology</i> , 2020, 69, 794-803.	2.4	9
12	Endogenous Action of Cysteine Endopeptidase and Three Carboxypeptidases on Triticale Prolamins. <i>Cereal Chemistry</i> , 2008, 85, 366-371.	2.2	8
13	Carboxypeptidase I from triticale grains and the hydrolysis of salt-soluble fractions of storage proteins. <i>Plant Physiology and Biochemistry</i> , 2012, 58, 195-204.	5.8	8
14	Efficient antioxidant defence systems of spring barley in response to stress induced jointly by the cyst nematode parasitism and cadmium exposure. <i>Plant and Soil</i> , 2020, 456, 189-206.	3.7	7
15	Structural and functional characterization of the triticale (<i>x Triticosecale</i> Wittm.) phytocystatin TrcC-8 and its dimerization-dependent inhibitory activity. <i>Phytochemistry</i> , 2017, 142, 1-10.	2.9	4
16	Carboxypeptidases of germinating triticale grains. <i>Acta Physiologiae Plantarum</i> , 2005, 27, 539-548.	2.1	3