Beata Prabucka

List of Publications by Year
in descending order

16	180	1040056 9	1125743 13
papers	citations	h-index	g-index

17	17	17	165
all docs	docs citations	times ranked	citing authors

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