WiesÅ‚aw Bielawski

List of Publications by Year
in descending order

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35	447	949033 11	843174 20
papers	citations	h-index	g-index

36	36	36	443
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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.	1.6	11
2	Structural and functional characterization of the triticale (x Triticosecale Wittm.) phytocystatin TrcC-8 and its dimerization-dependent inhibitory activity. Phytochemistry, 2017, 142, 1-10.	1.4	4
3	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.	1.6	10
4	The roles of cysteine proteases and phytocystatins in development and germination of cereal seeds. Journal of Plant Physiology, 2016, 207, 10-21.	1.6	39
5	Regulation of abscisic acid metabolism in relation to the dormancy and germination of cereal grains. Acta Societatis Botanicorum Poloniae, 2015, 84, 3-11.	0.8	13
6	Identification and expression analysis of a novel phytocystatin in developing and germinating seeds of triticale (Ã—Triticosecale Wittm.). Acta Societatis Botanicorum Poloniae, 2015, 84, 139-142.	0.8	2
7	A triticale water-deficit-inducible phytocystatin inhibits endogenous cysteine proteinases in vitro. Journal of Plant Physiology, 2015, 174, 161-165.	1.6	9
8	Analysis of expression and inhibitory activity of a TrcC-6 phytocystatin present in developing and germinating seeds of triticale (Ã— Triticosecale Wittm.). Plant Physiology and Biochemistry, 2015, 96, 209-216.	2.8	4
9	tyrB-2 and phhC genes of Pseudomonas putida encode aromatic amino acid aminotransferase isozymes: evidence at the protein level. Amino Acids, 2013, 45, 351-358.	1.2	2
10	A simple method for simultaneous RP-HPLC determination of indolic compounds related to bacterial biosynthesis of indole-3-acetic acid. Antonie Van Leeuwenhoek, 2013, 103, 683-691.	0.7	37
11	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.	1.8	16
12	TsPAP1 encodes a novel plant prolyl aminopeptidase whose expression is induced in response to suboptimal growth conditions. Biochemical and Biophysical Research Communications, 2012, 419, 104-109.	1.0	14
13	Carboxypeptidase I from triticale grains and the hydrolysis of salt-soluble fractions of storage proteins. Plant Physiology and Biochemistry, 2012, 58, 195-204.	2.8	8
14	Glutamine synthetase and glutamate dehydrogenase in triticale seeds: molecular cloning and genes expression. Acta Physiologiae Plantarum, 2012, 34, 2393-2406.	1.0	34
15	Molecular Cloning and Expression Analysis of Triticale Phytocystatins During Development and Germination of Seeds. Plant Molecular Biology Reporter, 2012, 30, 867-877.	1.0	6
16	Biochemical characterisation of prolyl aminopeptidase from shoots of triticale seedlings and its activity changes in response to suboptimal growth conditions. Plant Physiology and Biochemistry, 2011, 49, 1342-1349.	2.8	14
17	Purification, biochemical characterisation, and mass spectrometry analysis of phenylalanine aminopeptidase from the shoots of pea plants. Acta Physiologiae Plantarum, 2011, 33, 609-617.	1.0	5
18	Isolation and characterization of carboxypeptidase III from germinating triticale grains. Acta Biochimica Et Biophysica Sinica, 2009, 41, 69-78.	0.9	11

#	Article	IF	Citations
19	Endogenous Action of Cysteine Endopeptidase and Three Carboxypeptidases on Triticale Prolamins. Cereal Chemistry, 2008, 85, 366-371.	1.1	8
20	The molecular and biochemical characteristics of proline iminopeptidase from rye seedlings (Secale) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.0	9
21	Carboxypeptidases of germinating triticale grains. Acta Physiologiae Plantarum, 2005, 27, 539-548.	1.0	3
22	Purification and partial characteristic of a major gliadin-degrading cysteine endopeptidase from germinating triticale seeds. Acta Physiologiae Plantarum, 2004, 26, 383-392.	1.0	17
23	Purification and properties of phenylalanyl aminopeptidase synthesised by Pseudomonas sp.. Journal of Basic Microbiology, 2002, 42, 260.	1.8	3
24	5ESSÂ® packet switched network with ATM interconnect for CDMA. Bell Labs Technical Journal, 2002, 2, 203-212.	0.7	1
25	Regulation of the activity of intracellular alanylaminopeptidase synthesized byPseudomonas sp.. Folia Microbiologica, 2002, 47, 230-234.	1.1	2
26	Effect of selected compounds on the activity of glutamate dehydrogenase from triticale roots. Acta Physiologiae Plantarum, 2002, 24, 279-283.	1.0	3
27	Purification and characteristics of glutamate dehydrogenase (GDH) from triticale roots. Acta Physiologiae Plantarum, 2001, 23, 399-405.	1.0	7
28	Production, purification and characterization of intracellular alanylaminopeptidase ofPseudomonas sp.. Folia Microbiologica, 2001, 46, 515-518.	1.1	2
29	Endopeptidases of Triticale Seeds. Biologia Plantarum, 2001, 44, 283-288.	1.9	5
30	Glutamate dehydrogenase and glutamine synthetase activities during the development of triticale grains. Acta Physiologiae Plantarum, 1999, 21, 271-275.	1.0	3
31	Glutamate dehydrogenase in higher plants. Acta Physiologiae Plantarum, 1998, 20, 453-463.	1.0	13
32	Possible role of Î²-endoglucanase in the degradation of the cell wall polysaccharides in more and less resistant to pre-harvest sprouting triticale varieties. Acta Physiologiae Plantarum, 1997, 19, 295-302.	1.0	1
33	5ESSÂ®-2000 Switch: The Next Generation Switching System. At&T Technical Journal, 1993, 72, 4-13.	0.4	2
34	Properties of glutathione reductase from chloroplasts and roots of pea. Phytochemistry, 1986, 25, 2261-2265.	1.4	47
35	Reduced and oxidised glutathione and glutathione-reductase activity in tissues of Pisum sativum. Planta, 1986, 169, 267-272.	1.6	80