

Wiesław Bielański

List of Publications by Year in descending order

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35
papers

447
citations

840728

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all docs

36
docs citations

36
times ranked

414
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduced and oxidised glutathione and glutathione-reductase activity in tissues of <i>Pisum sativum</i> . <i>Planta</i> , 1986, 169, 267-272.	3.2	80
2	Properties of glutathione reductase from chloroplasts and roots of pea. <i>Phytochemistry</i> , 1986, 25, 2261-2265.	2.9	47
3	The roles of cysteine proteases and phytocystatins in development and germination of cereal seeds. <i>Journal of Plant Physiology</i> , 2016, 207, 10-21.	3.5	39
4	A simple method for simultaneous RP-HPLC determination of indolic compounds related to bacterial biosynthesis of indole-3-acetic acid. <i>Antonie Van Leeuwenhoek</i> , 2013, 103, 683-691.	1.7	37
5	Glutamine synthetase and glutamate dehydrogenase in triticale seeds: molecular cloning and genes expression. <i>Acta Physiologiae Plantarum</i> , 2012, 34, 2393-2406.	2.1	34
6	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
7	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
8	Biochemical characterisation of prolyl aminopeptidase from shoots of triticale seedlings and its activity changes in response to suboptimal growth conditions. <i>Plant Physiology and Biochemistry</i> , 2011, 49, 1342-1349.	5.8	14
9	TsPAP1 encodes a novel plant prolyl aminopeptidase whose expression is induced in response to suboptimal growth conditions. <i>Biochemical and Biophysical Research Communications</i> , 2012, 419, 104-109.	2.1	14
10	Glutamate dehydrogenase in higher plants. <i>Acta Physiologiae Plantarum</i> , 1998, 20, 453-463.	2.1	13
11	Regulation of abscisic acid metabolism in relation to the dormancy and germination of cereal grains. <i>Acta Societatis Botanicorum Poloniae</i> , 2015, 84, 3-11.	0.8	13
12	Isolation and characterization of carboxypeptidase III from germinating triticale grains. <i>Acta Biochimica Et Biophysica Sinica</i> , 2009, 41, 69-78.	2.0	11
13	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
14	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
15	The molecular and biochemical characteristics of proline iminopeptidase from rye seedlings (<i>Secale</i>) Tj ETQq1 1 0.784314 rgBT /Overlaid	2.1	9
16	A triticale water-deficit-inducible phytocystatin inhibits endogenous cysteine proteinases in vitro. <i>Journal of Plant Physiology</i> , 2015, 174, 161-165.	3.5	9
17	Endogenous Action of Cysteine Endopeptidase and Three Carboxypeptidases on Triticale Prolamins. <i>Cereal Chemistry</i> , 2008, 85, 366-371.	2.2	8
18	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

#	ARTICLE	IF	CITATIONS
19	Purification and characteristics of glutamate dehydrogenase (GDH) from triticale roots. <i>Acta Physiologiae Plantarum</i> , 2001, 23, 399-405.	2.1	7
20	Molecular Cloning and Expression Analysis of Triticale Phycocystatins During Development and Germination of Seeds. <i>Plant Molecular Biology Reporter</i> , 2012, 30, 867-877.	1.8	6
21	Endopeptidases of Triticale Seeds. <i>Biologia Plantarum</i> , 2001, 44, 283-288.	1.9	5
22	Purification, biochemical characterisation, and mass spectrometry analysis of phenylalanine aminopeptidase from the shoots of pea plants. <i>Acta Physiologiae Plantarum</i> , 2011, 33, 609-617.	2.1	5
23	Analysis of expression and inhibitory activity of a TrcC-6 phycocystatin present in developing and germinating seeds of triticale (<i>Triticosecale</i> Wittm.). <i>Plant Physiology and Biochemistry</i> , 2015, 96, 209-216.	5.8	4
24	Structural and functional characterization of the triticale (<i>x Triticosecale</i> Wittm.) phycocystatin TrcC-8 and its dimerization-dependent inhibitory activity. <i>Phytochemistry</i> , 2017, 142, 1-10.	2.9	4
25	Glutamate dehydrogenase and glutamine synthetase activities during the development of triticale grains. <i>Acta Physiologiae Plantarum</i> , 1999, 21, 271-275.	2.1	3
26	Purification and properties of phenylalanyl aminopeptidase synthesised by <i>Pseudomonas</i> sp.. <i>Journal of Basic Microbiology</i> , 2002, 42, 260.	3.3	3
27	Effect of selected compounds on the activity of glutamate dehydrogenase from triticale roots. <i>Acta Physiologiae Plantarum</i> , 2002, 24, 279-283.	2.1	3
28	Carboxypeptidases of germinating triticale grains. <i>Acta Physiologiae Plantarum</i> , 2005, 27, 539-548.	2.1	3
29	5ESS [®] -2000 Switch: The Next Generation Switching System. <i>At&T Technical Journal</i> , 1993, 72, 4-13.	0.3	2
30	Production, purification and characterization of intracellular alanylaminopeptidase of <i>Pseudomonas</i> sp.. <i>Folia Microbiologica</i> , 2001, 46, 515-518.	2.3	2
31	Regulation of the activity of intracellular alanylaminopeptidase synthesized by <i>Pseudomonas</i> sp.. <i>Folia Microbiologica</i> , 2002, 47, 230-234.	2.3	2
32	tyrB-2 and phhC genes of <i>Pseudomonas putida</i> encode aromatic amino acid aminotransferase isozymes: evidence at the protein level. <i>Amino Acids</i> , 2013, 45, 351-358.	2.7	2
33	Identification and expression analysis of a novel phycocystatin in developing and germinating seeds of triticale (<i>Triticosecale</i> Wittm.). <i>Acta Societatis Botanicorum Poloniae</i> , 2015, 84, 139-142.	0.8	2
34	Possible role of β -2-endoglucanase in the degradation of the cell wall polysaccharides in more and less resistant to pre-harvest sprouting triticale varieties. <i>Acta Physiologiae Plantarum</i> , 1997, 19, 295-302.	2.1	1
35	5ESS [®] packet switched network with ATM interconnect for CDMA. <i>Bell Labs Technical Journal</i> , 2002, 2, 203-212.	0.7	1