

# Wieslaw Bielawski

## List of Publications by Citations

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35  
papers

359  
citations

10  
h-index

17  
g-index

36  
ext. papers

421  
ext. citations

2.9  
avg, IF

3.29  
L-index

| #  | Paper  | IF  | Citations |
|----|--|-----|-----------|
| 35 | Reduced and oxidised glutathione and glutathione-reductase activity in tissues of <i>Pisum sativum</i> . <i>Planta</i> , <b>1986</b> , 169, 267-72   | 4.7 | 73        |
| 34 | Properties of glutathione reductase from chloroplasts and roots of pea. <i>Phytochemistry</i> , <b>1986</b> , 25, 2261-2265  | 4.7 | 43        |
| 33 | The roles of cysteine proteases and phytolectins in development and germination of cereal seeds. <i>Journal of Plant Physiology</i> , <b>2016</b> , 207, 10-21   | 3.6 | 29        |
| 32 | 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> , <b>2013</b> , 103, 683-91  | 2.1 | 29        |
| 31 | The participation of phytolectin TrcC-4 in the activity regulation of EP8, the main prolamin degrading cysteine endopeptidase in triticale seeds. <i>Plant Growth Regulation</i> , <b>2013</b> , 69, 131-137   | 3.2 | 15        |
| 30 | TsPAP1 encodes a novel plant prolyl aminopeptidase whose expression is induced in response to suboptimal growth conditions. <i>Biochemical and Biophysical Research Communications</i> , <b>2012</b> , 419, 104-9  | 3.4 | 14        |
| 29 | 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> , <b>2011</b> , 49, 1342-9   | 5.4 | 14        |
| 28 | Purification and partial characteristic of a major gliadin-degrading cysteine endopeptidase from germinating triticale seeds. <i>Acta Physiologiae Plantarum</i> , <b>2004</b> , 26, 383-392   | 2.6 | 14        |
| 27 | Isolation and characterization of carboxypeptidase III from germinating triticale grains. <i>Acta Biochimica Et Biophysica Sinica</i> , <b>2009</b> , 41, 69-78  | 2.8 | 11        |
| 26 | Glutamine synthetase and glutamate dehydrogenase in triticale seeds: molecular cloning and genes expression. <i>Acta Physiologiae Plantarum</i> , <b>2012</b> , 34, 2393-2406  | 2.6 | 10        |
| 25 | Glutamate dehydrogenase in higher plants. <i>Acta Physiologiae Plantarum</i> , <b>1998</b> , 20, 453-463   | 2.6 | 9         |
| 24 | The molecular and biochemical characteristics of proline iminopeptidase from rye seedlings ( <i>Secale cereale</i> L.). <i>Acta Physiologiae Plantarum</i> , <b>2006</b> , 28, 517-524   | 2.6 | 9         |
| 23 | Endogenous Action of Cysteine Endopeptidase and Three Carboxypeptidases on Triticale Prolamins. <i>Cereal Chemistry</i> , <b>2008</b> , 85, 366-371  | 2.4 | 8         |
| 22 | A triticale water-deficit-inducible phytolectin inhibits endogenous cysteine proteinases in vitro. <i>Journal of Plant Physiology</i> , <b>2015</b> , 174, 161-5   | 3.6 | 7         |
| 21 | 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> , <b>2018</b> , 226, 48-55 | 3.6 | 7         |
| 20 | Regulation of abscisic acid metabolism in relation to the dormancy and germination of cereal grains. <i>Acta Societatis Botanicorum Poloniae</i> , <b>2015</b> , 84, 3-11  | 1.5 | 7         |
| 19 | Purification and characteristics of glutamate dehydrogenase (GDH) from triticale roots. <i>Acta Physiologiae Plantarum</i> , <b>2001</b> , 23, 399-405   | 2.6 | 7         |

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|----|---|-----|---|
| 18 | Carboxypeptidase I from triticale grains and the hydrolysis of salt-soluble fractions of storage proteins. <i>Plant Physiology and Biochemistry</i> , <b>2012</b> , 58, 195-204   | 5.4 | 6 |
| 17 | Molecular Cloning and Expression Analysis of Triticale Phytocystatins During Development and Germination of Seeds. <i>Plant Molecular Biology Reporter</i> , <b>2012</b> , 30, 867-877  | 1.7 | 6 |
| 16 | Purification, biochemical characterisation, and mass spectrometry analysis of phenylalanine aminopeptidase from the shoots of pea plants. <i>Acta Physiologiae Plantarum</i> , <b>2011</b> , 33, 609-617                                      | 2.6 | 5 |
| 15 | Analysis of expression and inhibitory activity of a TrcC-6 phytocystatin present in developing and germinating seeds of triticale ( <i>Triticosecale</i> Wittm.). <i>Plant Physiology and Biochemistry</i> , <b>2015</b> , 96, 209-16         | 5.4 | 4 |
| 14 | Endopeptidases of Triticale Seeds. <i>Biologia Plantarum</i> , <b>2001</b> , 44, 283-288  | 2.1 | 4 |
| 13 | 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> , <b>2016</b> , 207, 1-9 | 3.6 | 4 |
| 12 | Structural and functional characterization of the triticale ( <i>x Triticosecale</i> Wittm.) phytocystatin TrcC-8 and its dimerization-dependent inhibitory activity. <i>Phytochemistry</i> , <b>2017</b> , 142, 1-10                         | 4   | 3 |
| 11 | Purification and properties of phenylalanyl aminopeptidase synthesised by <i>Pseudomonas</i> sp. <i>Journal of Basic Microbiology</i> , <b>2002</b> , 42, 260-7   | 2.7 | 3 |
| 10 | Carboxypeptidases of germinating triticale grains. <i>Acta Physiologiae Plantarum</i> , <b>2005</b> , 27, 539-548   | 2.6 | 3 |
| 9  | Identification and expression analysis of a novel phytocystatin in developing and germinating seeds of triticale ( <i>Triticosecale</i> Wittm.). <i>Acta Societatis Botanicorum Poloniae</i> , <b>2015</b> , 84, 139-142                      | 1.5 | 2 |
| 8  | Regulation of the activity of intracellular alanylaminopeptidase synthesized by <i>Pseudomonas</i> sp. <i>Folia Microbiologica</i> , <b>2002</b> , 47, 230-4  | 2.8 | 2 |
| 7  | Effect of selected compounds on the activity of glutamate dehydrogenase from triticale roots. <i>Acta Physiologiae Plantarum</i> , <b>2002</b> , 24, 279-283  | 2.6 | 2 |
| 6  | Production, purification and characterization of intracellular alanylaminopeptidase of <i>Pseudomonas</i> sp. <i>Folia Microbiologica</i> , <b>2001</b> , 46, 515-8   | 2.8 | 2 |
| 5  | Glutamate dehydrogenase and glutamine synthetase activities during the development of triticale grains. <i>Acta Physiologiae Plantarum</i> , <b>1999</b> , 21, 271-275  | 2.6 | 2 |
| 4  | 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> , <b>2013</b> , 45, 351-8  | 3.5 | 1 |
| 3  | Possible role of $\beta$ -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> , <b>1997</b> , 19, 295-302           | 2.6 | 1 |
| 2  | 5ESS $\square$ -2000 switch: The next generation switching system. <i>At&amp;T Technical Journal</i> , <b>1993</b> , 72, 4-13   |     | 1 |
| 1  | 5ESS $\square$ packet switched network with ATM interconnect for CDMA. <i>Bell Labs Technical Journal</i> , <b>2002</b> , 2, 203-212  | 0.5 | 0 |

