

Elia Poerio

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1888999/publications.pdf>

Version: 2024-02-01

21
papers

488
citations

777949

13
h-index

799663

21
g-index

21
all docs

21
docs citations

21
times ranked

380
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Structural and antifungal properties of a pathogenesis-related protein from wheat kernel. <i>The Protein Journal</i> , 1996, 15, 35-44. | 1.1 | 85 |
| 2 | Affinity column purification of amylases on protein inhibitors from wheat kernel. <i>Journal of Chromatography A</i> , 1975, 114, 109-114. | 1.8 | 48 |
| 3 | Assignment of the five disulfide bridges in an alpha-amylase inhibitor from wheat kernel by fast-atom-bombardment mass spectrometry and Edman degradation. <i>FEBS Journal</i> , 1991, 199, 595-600. | 0.2 | 39 |
| 4 | Purification and properties of an $\hat{\text{I}}\pm$ -amylase tetrameric inhibitor from wheat kernel. <i>BBA - Proteins and Proteomics</i> , 1985, 831, 40-48. | 2.1 | 34 |
| 5 | A plant-seed inhibitor of two classes of $\hat{\text{I}}\pm$ -amylases: X-ray analysis of <i>Tenebrio molitor</i> larvae $\hat{\text{I}}\pm$ -amylase in complex with the bean <i>Phaseolus vulgaris</i> inhibitor. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 1999, 55, 360-362. | 2.5 | 34 |
| 6 | Primary Structure and Reactive Site of a Novel Wheat Proteinase Inhibitor of Subtilisin and Chymotrypsin. <i>Biological Chemistry</i> , 2003, 384, 295-304. | 1.2 | 34 |
| 7 | The amino acid sequence of a protein from wheat kernel closely related to proteins involved in the mechanisms of plant defence. <i>The Protein Journal</i> , 1993, 12, 379-386. | 1.1 | 29 |
| 8 | Purification and properties of $\hat{\text{I}}\pm$ -amylase from chicken (<i>Gallus Gallus L.</i>) pancreas. <i>Molecular and Cellular Biochemistry</i> , 1977, 17, 11-16. | 1.4 | 24 |
| 9 | A trypsin inhibitor from the water-soluble protein fraction of wheat kernel. <i>Phytochemistry</i> , 1989, 28, 1307-1311. | 1.4 | 23 |
| 10 | Characterisation of chicken pancreas $\hat{\text{I}}\pm$ -amylase isozymes and interaction with protein inhibitors from wheat kernel. <i>Journal of the Science of Food and Agriculture</i> , 1984, 35, 225-232. | 1.7 | 19 |
| 11 | A Bowmanâ€™Birk inhibitor with anti-elastase activity from <i>Lathyrus sativus L.</i> seeds. <i>Molecular BioSystems</i> , 2011, 7, 2500. | 2.9 | 19 |
| 12 | The amino acid sequence and reactive site of a single-headed trypsin inhibitor from wheat endosperm. <i>The Protein Journal</i> , 1994, 13, 187-194. | 1.1 | 14 |
| 13 | An effective purification procedure of amylase and trypsin inhibitors from wheat flour; isolation of a new water-soluble protein. <i>Plant Science</i> , 1989, 65, 25-31. | 1.7 | 13 |
| 14 | cDNA cloning and heterologous expression of a wheat proteinase inhibitor of subtilisin and chymotrypsin (WSCI) that interferes with digestive enzymes of insect pests. <i>Biological Chemistry</i> , 2005, 386, 383-389. | 1.2 | 12 |
| 15 | Wheat Subtilisin/Chymotrypsin Inhibitor (WSCI) as a scaffold for novel serine protease inhibitors with a given specificity. <i>Molecular BioSystems</i> , 2012, 8, 3335. | 2.9 | 12 |
| 16 | WCI, a novel wheat chymotrypsin inhibitor: purification, primary structure, inhibitory properties and heterologous expression. <i>Planta</i> , 2011, 234, 723-735. | 1.6 | 11 |
| 17 | Enhanced cytotoxic activity of a bifunctional chimeric protein containing a type 1 ribosome-inactivating protein and a serine protease inhibitor. <i>Biochimie</i> , 2012, 94, 1990-1996. | 1.3 | 11 |
| 18 | Modeling the 3D structure of wheat subtilisin/chymotrypsin inhibitor (WSCI). Probing the reactive site with two susceptible proteinases by time-course analysis and molecular dynamics simulations. <i>Biological Chemistry</i> , 2006, 387, 931-940. | 1.2 | 10 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Studies of an acidic polysaccharide from <i>Encephalartos friderici guilielmi</i> . <i>Carbohydrate Research</i> , 1991, 222, 215-221. | 1.1 | 8 |
| 20 | Cytotoxic activity of chimeric protein PD-L4UWSCl _{tr} does not appear be affected by specificity of inhibition mediated by anti-protease WSCI domain. <i>Biochimie</i> , 2014, 107, 385-390. | 1.3 | 6 |
| 21 | Redesigning the reactive site loop of the wheat subtilisin/chymotrypsin inhibitor (WSCI) by site-directed mutagenesis. A protein-protein interaction study by affinity chromatography and molecular modeling. <i>Biochimie</i> , 2009, 91, 1112-1122. | 1.3 | 3 |