Elia Poerio

List of Publications by Year
in descending order

21 papers	488 citations	687363 13 h-index	713466 21 g-index
21 all docs	21 docs citations	21 times ranked	347 citing authors

#	Article	IF	Citations
1	Structural and antifungal properties of a pathogenesis-related protein from wheat kernel. The Protein Journal, 1996, 15, 35-44.	1.1	85
2	Affinity column purification of amylases on protein inhibitors from wheat kernel. Journal of Chromatography A, 1975, 114, 109-114.	3.7	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. FEBS Journal, 1991, 199, 595-600.	0.2	39
4	Purification and properties of an Î±-amylase tetrameric inhibitor from wheat kernel. BBA - Proteins and Proteomics, 1985, 831, 40-48.	2.1	34
5	A plant-seed inhibitor of two classes of Î±-amylases: X-ray analysis ofTenebrio molitorlarvae Î±-amylase in complex with the beanPhaseolus vulgarisinhibitor. Acta Crystallographica Section D: Biological Crystallography, 1999, 55, 360-362.	2.5	34
6	Primary Structure and Reactive Site of a Novel Wheat Proteinase Inhibitor of Subtilisin and Chymotrypsin. Biological Chemistry, 2003, 384, 295-304.	2.5	34
7	The amino acid sequence of a protein from wheat kernel closely related to proteins involved in the mechanisms of plant defence. The Protein Journal, 1993, 12, 379-386.	1.1	29
8	Purification and properties ofÎ±-amylase from chicken (Gallus Gallus L.) pancreas. Molecular and Cellular Biochemistry, 1977, 17, 11-16.	3.1	24
9	A trypsin inhibitor from the water-soluble protein fraction of wheat kernel. Phytochemistry, 1989, 28, 1307-1311.	2.9	23
10	Characterisation of chicken pancreas Î±-amylase isozymes and interaction with protein inhibitors from wheat kernel. Journal of the Science of Food and Agriculture, 1984, 35, 225-232.	3.5	19
11	A Bowmanâ€“Birk inhibitor with anti-elastase activity from Lathyrus sativus L. seeds. Molecular BioSystems, 2011, 7, 2500.	2.9	19
12	The amino acid sequence and reactive site of a single-headed trypsin inhibitor from wheat endosperm. The Protein Journal, 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. Plant Science, 1989, 65, 25-31.	3.6	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. Biological Chemistry, 2005, 386, 383-389.	2.5	12
15	Wheat Subtilisin/Chymotrypsin Inhibitor (WSCI) as a scaffold for novel serine protease inhibitors with a given specificity. Molecular BioSystems, 2012, 8, 3335.	2.9	12
16	WCI, a novel wheat chymotrypsin inhibitor: purification, primary structure, inhibitory properties and heterologous expression. Planta, 2011, 234, 723-735.	3.2	11
17	Enhanced cytotoxic activity of a bifunctional chimeric protein containing a type 1 ribosome-inactivating protein and a serine protease inhibitor. Biochimie, 2012, 94, 1990-1996.	2.6	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. Biological Chemistry, 2006, 387, 931-940.	2.5	10

#	Article	IF	Citations
19	Studies of an acidic polysaccharide from Encephalartos friderici guilielmi. Carbohydrate Research, 1991, 222, 215-221.	2.3	8
20	Cytotoxic activity of chimeric protein PD-L4UWSCItr does not appear be affected by specificity of inhibition mediated by anti-protease WSCI domain. Biochimie, 2014, 107, 385-390.	2.6	6
21	Redesigning the reactive site loop of the wheat subtilisin/chymotrypsin inhibitor (WSCI) by site-directed mutagenesis. A proteinâ€“protein interaction study by affinity chromatography and molecular modeling. Biochimie, 2009, 91, 1112-1122.	2.6	3