Aldo Ceriotti

List of Publications by Year
in descending order

65 papers	3,579 citations	186265 28 h-index	144013 57 g-index
65 all docs	65 docs citations	65 times ranked	3736 citing authors

#	Article	IF	Citations
1	Prospects to improve the nutritional quality of crops. Food and Energy Security, 2022, 11, e327.	4.3	15
2	Monitoring changes of lipid composition in durum wheat during grain development. Journal of Cereal Science, 2021, 97, 103131.	3.7	6
3	Editorial: Proceedings of FSTP3 Congressâ€“A Sustainable Durum Wheat Chain for Food Security and Healthy Lives. Frontiers in Plant Science, 2021, 12, 675510.	3.6	0
4	Durum wheat genome highlights past domestication signatures and future improvement targets. Nature Genetics, 2019, 51, 885-895.	21.4	576
5	Uniparental and transgressive expression of Î±-zeins in maize endosperm of o2 hybrid lines. PLoS ONE, 2018, 13, e0206993.	2.5	5
6	Gene-ecology of durum wheat HMW glutenin reflects their diffusion from the center of origin. Scientific Reports, 2018, 8, 16929.	3.3	11
7	Iron Binding Properties of Recombinant Class A Protein Disulfide Isomerase from <i>Arabidopsis thaliana</i>. Biochemistry, 2017, 56, 2116-2125.	2.5	7
8	Identification of Early Represented Gluten Proteins during Durum Wheat Grain Development. Journal of Agricultural and Food Chemistry, 2017, 65, 3242-3250.	5.2	28
9	Wild emmer genome architecture and diversity elucidate wheat evolution and domestication. Science, 2017, 357, 93-97.	12.6	781
10	Optimization of construct design and fermentation strategy for the production of bioactive ATF-SAP, a saporin based anti-tumoral uPAR-targeted chimera. Microbial Cell Factories, 2016, 15, 194.	4.0	21
11	A Quantitative Method to Monitor the Efficacy of Inhibitors Against the Chymotrypsin-Like Activity of the Proteasome in Tobacco Leaf Protoplasts. Plant Molecular Biology Reporter, 2015, 33, 829-840.	1.8	0
12	Systematic comparison of single-chain Fv antibody-fusion toxin constructs containing Pseudomonas Exotoxin A or saporin produced in different microbial expression systems. Microbial Cell Factories, 2015, 14, 19.	4.0	23
13	An asparagine residue at the N-terminus affects the maturation process of low molecular weight glutenin subunits of wheat endosperm. BMC Plant Biology, 2014, 14, 64.	3.6	20
14	Redox regulation of glutenin subunit assembly in the plant endoplasmic reticulum. Plant Journal, 2012, 72, 1015-1026.	5.7	8
15	Signal peptideâ€regulated toxicity of a plant ribosomeâ€inactivating protein during cell stress. Plant Journal, 2011, 65, 218-229.	5.7	19
16	Waste disposal in the endoplasmic reticulum, ROS production and plant salt stress response. Cell Research, 2011, 21, 555-557.	12.0	9
17	<i>Pichia pastoris</i>as a host for secretion of toxic saporin chimeras. FASEB Journal, 2010, 24, 253-265.	0.5	37
18	Type I Ribosome-Inactivating Proteins from Saponaria officinalis. Plant Cell Monographs, 2010, , 55-78.	0.4	7

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19	A Relaxed Specificity in Interchain Disulfide Bond Formation Characterizes the Assembly of a Low-Molecular-Weight Glutenin Subunit in the Endoplasmic Reticulum Â Â. Plant Physiology, 2009, 149, 412-423.	4.8	13
20	The Role of CDC48 in the Retro-translocation of Non-ubiquitinated Toxin Substrates in Plant Cells. Journal of Biological Chemistry, 2008, 283, 15869-15877.	3.4	46
21	Ricin B Chain Targeted to the Endoplasmic Reticulum of Tobacco Protoplasts Is Degraded by a CDC48- and Vacuole-independent Mechanism*. Journal of Biological Chemistry, 2008, 283, 33276-33286.	3.4	13
22	Exogenous Protein Expression in Xenopus Oocytes. , 2007, 375, 107-131.		35
23	Endoplasmic Reticulum-associated Protein Degradation in Plant Cells. Plant Cell Monographs, 2006, , 75-98.	0.4	9
24	The N-terminal Ricin Propeptide Influences the Fate of Ricin A-chain in Tobacco Protoplasts. Journal of Biological Chemistry, 2006, 281, 23377-23385.	3.4	18
25	Saporin and ricin A chain follow different intracellular routes to enter the cytosol of intoxicated cells. FEBS Journal, 2005, 272, 4983-4995.	4.7	80
26	Endoplasmic Reticulum-Associated Degradation of Ricin A Chain Has Unique and Plant-Specific Features. Plant Physiology, 2005, 137, 287-296.	4.8	47
27	Protein Quality Control Mechanisms and Protein Storage in the Endoplasmic Reticulum. A Conflict of Interests?. Plant Physiology, 2004, 136, 3420-3426.	4.8	99
28	Transport of ricin and 2S albumin precursors to the storage vacuoles of <i>Ricinus communis</i> endosperm involves the Golgi and VSRâ€like receptors. Plant Journal, 2004, 39, 821-833.	5.7	63
29	The position of the proricin vacuolar targeting signal is functionally important. Plant Molecular Biology, 2003, 51, 631-641.	3.9	22
30	ER Dislocation: Cdc48p/p97 Gets Into the AAAct. Current Biology, 2002, 12, R182-R184.	3.9	25
31	The Internal Propeptide of the Ricin Precursor Carries a Sequence-Specific Determinant for Vacuolar Sorting. Plant Physiology, 2001, 126, 167-175.	4.8	89
32	Role of Individual Disulfide Bonds in the Structural Maturation of a Low Molecular Weight Glutenin Subunit. Journal of Biological Chemistry, 2001, 276, 32322-32329.	3.4	39
33	Ricin A chain without its partner B chain is degraded after retrotranslocation from the endoplasmic reticulum to the cytosol in plant cells. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 14726-14731.	7.1	92
34	Cytosolic immunization allows the expression of preATFâ€saporin chimeric toxin in eukaryotic cells. FASEB Journal, 2000, 14, 391-398.	0.5	28
35	Misfolding and aggregation of vacuolar glycoproteins in plant cells. Plant Journal, 2000, 24, 825-836.	5.7	1
36	Misfolding and aggregation of vacuolar glycoproteins in plant cells. Plant Journal, 2000, 24, 825-836.	5.7	36

#	Article	IF	Citations
37	Title is missing!. Plant Molecular Biology, 1998, 38, 1-29.	3.9	83
38	Free Ricin A Chain, Proricin, and Native Toxin Have Different Cellular Fates When Expressed in Tobacco Protoplasts. Journal of Biological Chemistry, 1998, 273, 14194-14199.	3.4	86
39	The endoplasmic reticulum of plant cells and its role in protein maturation and biogenesis of oil bodies. , 1998, , 1-29.		6
40	Secretion of Thiols and Disulfide Bond Formation: Retraction. Science, 1998, 279, 1283j-1283.	12.6	2
41	The Rate of Phaseolin Assembly Is Controlled by the Glucosylation State of Its N-Linked Oligosaccharide Chains. Plant Cell, 1997, 9, 597.	6.6	9
42	The Rate of Phaseolin Assembly Is Controlled by the Glucosylation State of Its N-Linked Oligosaccharide Chains.. Plant Cell, 1997, 9, 597-609.	6.6	41
43	Protein Quality Control along the Route to the Plant Vacuole. Plant Cell, 1997, 9, 1869.	6.6	1
44	Protein quality control along the route to the plant vacuole.. Plant Cell, 1997, 9, 1869-1880.	6.6	188
45	Cysteine and Glutathione Secretion in Response to Protein Disulfide Bond Formation in the ER. Science, 1997, 277, 1681-1684.	12.6	93
46	Stringent thiol-mediated retention in B lymphocytes andXenopus oocytes correlates with inefficient IgM polymerization. European Journal of Immunology, 1997, 27, 1283-1291.	2.9	8
47	Accumulation of a sulphur-rich seed albumin from sunflower in the leaves of transgenic subterranean clover (Trifolium subterraneum L.). Transgenic Research, 1996, 5, 179-185.	2.4	58
48	The synthesis of phaseolin: a model for the study of the plant secretory pathway. Giornale Botanico Italiano (Florence, Italy: 1962), 1996, 130, 891-900.	0.0	0
49	The Binding Protein Associates with Monomeric Phaseolin. Plant Physiology, 1995, 107, 1411-1418.	4.8	71
50	Chapter 21 Import into the Endoplasmic Reticulum. Methods in Cell Biology, 1995, 50, 295-308.	1.1	11
51	mRNA Translation in Xenopus Oocytes. , 1995, 37, 151-178.		5
52	Chapter 36 Synthesis of Plant Proteins in Heterologous Systems: Xenopus laevis Oocytes. Methods in Cell Biology, 1995, 50, 497-517.	1.1	5
53	Assembly and Intracellular Transport of Phaseolin, the Major Storage Protein of Phaseolus vulgaris L.. Journal of Plant Physiology, 1995, 145, 648-653.	3.5	20
54	Binding of BiP to an assembly-defective protein in plant cells. Plant Journal, 1994, 5, 103-110.	5.7	87

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55	The Role of the Endoplasmic Reticulum in Protein Synthesis, Modification and Intracellular Transport. Journal of Experimental Botany, 1993, 44, 1417-1444.	4.8	119
56	Bean homologs of the mammalian glucose-regulated proteins: induction by tunicamycin and interaction with newly synthesized seed storage proteins in the endoplasmic reticulum. Plant Journal, 1992, 2, 443-455.	5.7	94
57	Ribosome-Inactivating Proteins from Saponaria Officinalis: Tools in the Design of Immunotoxins and Ligand Toxins. , 1992, , 19-29.		1
58	A Saporin-6 cDNA containing a precursor sequence coding for a carboxyl-terminal extension. FEBS Letters, 1991, 291, 285-288.	2.8	25
59	Expression of the wild-type and mutated vacuolar storage protein phaseolin in Xenopus oocytes reveals relationships between assembly and intracellular transport. FEBS Journal, 1991, 202, 959-968.	0.2	54
60	Trimer formation determines the rate of influenza virus haemagglutinin transport in the early stages of secretion in Xenopus oocytes.. Journal of Cell Biology, 1990, 111, 409-420.	5.2	34
61	Lectin-like proteins accumulate as fragmentation products in bean seed protein bodies. FEBS Letters, 1989, 250, 157-160.	2.8	20
62	Molecular analysis of a phytohemagglutinin-defective cultivar of Phaseolus vulgaris L.. Planta, 1985, 166, 201-207.	3.2	18
63	Glycosylation is not needed for the intracellular transport of phytohemagglutinin in developing Phaseolus vulgaris cotyledons and for the maintenance of its biological activities. Physiologia Plantarum, 1985, 65, 15-22.	5.2	61
64	Biosynthesis and processing of phytohemagglutinin in developing bean cotyledons. FEBS Journal, 1984, 141, 97-104.	0.2	51
65	Exogenous Protein Expression in <i>Xenopus</i> Oocytes: Basic Procedures. , 0, , 107-132.		0