

# Aldo Ceriotti

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

63

papers

2,731

citations

27

h-index

52

g-index

65

ext. papers

3,236

ext. citations

7.4

avg, IF

4.16

L-index

#	Paper	IF	Citations
63	Monitoring changes of lipid composition in durum wheat during grain development. <i>Journal of Cereal Science</i> , <b>2021</b> , 97, 103131	3.8	1
62	Durum wheat genome highlights past domestication signatures and future improvement targets. <i>Nature Genetics</i> , <b>2019</b> , 51, 885-895	36.3	289
61	Uniparental and transgressive expression of $\beta$ -zeins in maize endosperm of o2 hybrid lines. <i>PLoS ONE</i> , <b>2018</b> , 13, e0206993	3.7	2
60	Gene-ecology of durum wheat HMW glutenin reflects their diffusion from the center of origin. <i>Scientific Reports</i> , <b>2018</b> , 8, 16929	4.9	8
59	Iron Binding Properties of Recombinant Class A Protein Disulfide Isomerase from <i>Arabidopsis thaliana</i> . <i>Biochemistry</i> , <b>2017</b> , 56, 2116-2125	3.2	5
58	Identification of Early Represented Gluten Proteins during Durum Wheat Grain Development. <i>Journal of Agricultural and Food Chemistry</i> , <b>2017</b> , 65, 3242-3250	5.7	21
57	Wild emmer genome architecture and diversity elucidate wheat evolution and domestication. <i>Science</i> , <b>2017</b> , 357, 93-97	33.3	474
56	Optimization of construct design and fermentation strategy for the production of bioactive ATF-SAP, a saporin based anti-tumoral uPAR-targeted chimera. <i>Microbial Cell Factories</i> , <b>2016</b> , 15, 194	6.4	16
55	Systematic comparison of single-chain Fv antibody-fusion toxin constructs containing <i>Pseudomonas</i> Exotoxin A or saporin produced in different microbial expression systems. <i>Microbial Cell Factories</i> , <b>2015</b> , 14, 19	6.4	16
54	A Quantitative Method to Monitor the Efficacy of Inhibitors Against the Chymotrypsin-Like Activity of the Proteasome in Tobacco Leaf Protoplasts. <i>Plant Molecular Biology Reporter</i> , <b>2015</b> , 33, 829-840	1.7	
53	An asparagine residue at the N-terminus affects the maturation process of low molecular weight glutenin subunits of wheat endosperm. <i>BMC Plant Biology</i> , <b>2014</b> , 14, 64	5.3	14
52	Redox regulation of glutenin subunit assembly in the plant endoplasmic reticulum. <i>Plant Journal</i> , <b>2012</b> , 72, 1015-26	6.9	8
51	Signal peptide-regulated toxicity of a plant ribosome-inactivating protein during cell stress. <i>Plant Journal</i> , <b>2011</b> , 65, 218-29	6.9	13
50	Waste disposal in the endoplasmic reticulum, ROS production and plant salt stress response. <i>Cell Research</i> , <b>2011</b> , 21, 555-7	24.7	9
49	<i>Pichia pastoris</i> as a host for secretion of toxic saporin chimeras. <i>FASEB Journal</i> , <b>2010</b> , 24, 253-65	0.9	34
48	Type I Ribosome-Inactivating Proteins from <i>Saponaria officinalis</i> . <i>Plant Cell Monographs</i> , <b>2010</b> , 55-78	0.6	5
47	A relaxed specificity in interchain disulfide bond formation characterizes the assembly of a low-molecular-weight glutenin subunit in the endoplasmic reticulum. <i>Plant Physiology</i> , <b>2009</b> , 149, 412-23	6.6	11

46	Misfolding and aggregation of vacuolar glycoproteins in plant cells. <i>Plant Journal</i> , <b>2008</b> , 24, 825-836	6.9	
45	The role of CDC48 in the retro-translocation of non-ubiquitinated toxin substrates in plant cells. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 15869-77	5.4	41
44	Ricin B chain targeted to the endoplasmic reticulum of tobacco protoplasts is degraded by a CDC48- and vacuole-independent mechanism. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 33276-86	5.4	12
43	Exogenous protein expression in <i>Xenopus</i> oocytes: basic procedures. <i>Methods in Molecular Biology</i> , <b>2007</b> , 375, 107-31	1.4	30
42	The N-terminal ricin propeptide influences the fate of ricin A-chain in tobacco protoplasts. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 23377-85	5.4	16
41	Endoplasmic Reticulum-associated Protein Degradation in Plant Cells. <i>Plant Cell Monographs</i> , <b>2006</b> , 75-98.6		8
40	Saporin and ricin A chain follow different intracellular routes to enter the cytosol of intoxicated cells. <i>FEBS Journal</i> , <b>2005</b> , 272, 4983-95	5.7	65
39	Endoplasmic reticulum-associated degradation of ricin A chain has unique and plant-specific features. <i>Plant Physiology</i> , <b>2005</b> , 137, 287-96	6.6	47
38	Protein quality control mechanisms and protein storage in the endoplasmic reticulum. A conflict of interests?. <i>Plant Physiology</i> , <b>2004</b> , 136, 3420-6	6.6	91
37	Transport of ricin and 2S albumin precursors to the storage vacuoles of <i>Ricinus communis</i> endosperm involves the Golgi and VSR-like receptors. <i>Plant Journal</i> , <b>2004</b> , 39, 821-33	6.9	59
36	The position of the proricin vacuolar targeting signal is functionally important. <i>Plant Molecular Biology</i> , <b>2003</b> , 51, 631-41	4.6	20
35	ER dislocation: Cdc48p/p97 gets into the AAAct. <i>Current Biology</i> , <b>2002</b> , 12, R182-4	6.3	23
34	Role of individual disulfide bonds in the structural maturation of a low molecular weight glutenin subunit. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 32322-9	5.4	34
33	Ricin A chain without its partner B chain is degraded after retrotranslocation from the endoplasmic reticulum to the cytosol in plant cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2001</b> , 98, 14726-31	11.5	90
32	The internal propeptide of the ricin precursor carries a sequence-specific determinant for vacuolar sorting. <i>Plant Physiology</i> , <b>2001</b> , 126, 167-75	6.6	86
31	Cytosolic immunization allows the expression of preATF-saporin chimeric toxin in eukaryotic cells. <i>FASEB Journal</i> , <b>2000</b> , 14, 391-8	0.9	26
30	Misfolding and aggregation of vacuolar glycoproteins in plant cells. <i>Plant Journal</i> , <b>2000</b> , 24, 825-36	6.9	33
29	The endoplasmic reticulum of plant cells and its role in protein maturation and biogenesis of oil bodies. <i>Plant Molecular Biology</i> , <b>1998</b> , 38, 1-29	4.6	67

28	Free ricin A chain, proricin, and native toxin have different cellular fates when expressed in tobacco protoplasts. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 14194-9	5.4	75
27	Secretion of thiols and disulfide bond formation: retraction. <i>Science</i> , <b>1998</b> , 279, 1288-9	33.3	2
26	The endoplasmic reticulum of plant cells and its role in protein maturation and biogenesis of oil bodies <b>1998</b> , 1-29		6
25	The Rate of Phaseolin Assembly Is Controlled by the Glucosylation State of Its N-Linked Oligosaccharide Chains. <i>Plant Cell</i> , <b>1997</b> , 9, 597	11.6	6
24	The Rate of Phaseolin Assembly Is Controlled by the Glucosylation State of Its N-Linked Oligosaccharide Chains. <i>Plant Cell</i> , <b>1997</b> , 9, 597-609	11.6	35
23	Protein Quality Control along the Route to the Plant Vacuole. <i>Plant Cell</i> , <b>1997</b> , 9, 1869	11.6	1
22	Protein quality control along the route to the plant vacuole. <i>Plant Cell</i> , <b>1997</b> , 9, 1869-80	11.6	172
21	Cysteine and glutathione secretion in response to protein disulfide bond formation in the ER. <i>Science</i> , <b>1997</b> , 277, 1681-4	33.3	86
20	Stringent thiol-mediated retention in B lymphocytes and <i>Xenopus</i> oocytes correlates with inefficient IgM polymerization. <i>European Journal of Immunology</i> , <b>1997</b> , 27, 1283-91	6.1	8
19	Accumulation of a sulphur-rich seed albumin from sunflower in the leaves of transgenic subterranean clover ( <i>Trifolium subterraneum</i> L.). <i>Transgenic Research</i> , <b>1996</b> , 5, 179-85	3.3	53
18	The synthesis of phaseolin: a model for the study of the plant secretory pathway. <i>Giornale Botanico Italiano (Florence, Italy: 1962)</i> , <b>1996</b> , 130, 891-900		
17	Import into the endoplasmic reticulum. <i>Methods in Cell Biology</i> , <b>1995</b> , 50, 295-308	1.8	11
16	mRNA translation in <i>Xenopus</i> oocytes. <i>Methods in Molecular Biology</i> , <b>1995</b> , 37, 151-78	1.4	4
15	Synthesis of plant proteins in heterologous systems: <i>Xenopus laevis</i> oocytes. <i>Methods in Cell Biology</i> , <b>1995</b> , 50, 497-517	1.8	5
14	Assembly and Intracellular Transport of Phaseolin, the Major Storage Protein of <i>Phaseolus vulgaris</i> L.. <i>Journal of Plant Physiology</i> , <b>1995</b> , 145, 648-653	3.6	19
13	The Binding Protein Associates with Monomeric Phaseolin. <i>Plant Physiology</i> , <b>1995</b> , 107, 1411-1418	6.6	63
12	Binding of BiP to an assembly-defective protein in plant cells. <i>Plant Journal</i> , <b>1994</b> , 5, 103-110	6.9	80
11	The Role of the Endoplasmic Reticulum in Protein Synthesis, Modification and Intracellular Transport. <i>Journal of Experimental Botany</i> , <b>1993</b> , 44, 1417-1444	7	103

10	Bean homologs of the mammalian glucose-regulated proteins: induction by tunicamycin and interaction with newly synthesized seed storage proteins in the endoplasmic reticulum. <i>Plant Journal</i> , <b>1992</b> , 2, 443-55	6.9	88
9	Ribosome-Inactivating Proteins from <i>Saponaria Officinalis</i> : Tools in the Design of Immunotoxins and Ligand Toxins <b>1992</b> , 19-29		1
8	Expression of the wild-type and mutated vacuolar storage protein phaseolin in <i>Xenopus</i> oocytes reveals relationships between assembly and intracellular transport. <i>FEBS Journal</i> , <b>1991</b> , 202, 959-68		49
7	A Saporin-6 cDNA containing a precursor sequence coding for a carboxyl-terminal extension. <i>FEBS Letters</i> , <b>1991</b> , 291, 285-8	3.8	21
6	Trimer formation determines the rate of influenza virus haemagglutinin transport in the early stages of secretion in <i>Xenopus</i> oocytes. <i>Journal of Cell Biology</i> , <b>1990</b> , 111, 409-20	7.3	30
5	Lectin-like proteins accumulate as fragmentation products in bean seed protein bodies. <i>FEBS Letters</i> , <b>1989</b> , 250, 157-160	3.8	15
4	Molecular analysis of a phytohemagglutinin-defective cultivar of <i>Phaseolus vulgaris</i> L. <i>Planta</i> , <b>1985</b> , 166, 201-7	4.7	17
3	Glycosylation is not needed for the intracellular transport of phytohemagglutinin in developing <i>Phaseolus vulgaris</i> cotyledons and for the maintenance of its biological activities. <i>Physiologia Plantarum</i> , <b>1985</b> , 65, 15-22	4.6	57
2	Biosynthesis and processing of phytohemagglutinin in developing bean cotyledons. <i>FEBS Journal</i> , <b>1984</b> , 141, 97-104		48
1	Prospects to improve the nutritional quality of crops. <i>Food and Energy Security</i> , e327	4.1	2