

# alessandra Moscatelli

## List of Publications by Citations

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34  
papers

960  
citations

16  
h-index

30  
g-index

35  
ext. papers

1,064  
ext. citations

5.6  
avg, IF

3.94  
L-index

#	Paper	IF	Citations
34	Distinct endocytic pathways identified in tobacco pollen tubes using charged nanogold. <i>Journal of Cell Science</i> , <b>2007</b> , 120, 3804-19	5.3	109
33	Clathrin-dependent and independent endocytic pathways in tobacco protoplasts revealed by labelling with charged nanogold. <i>Journal of Experimental Botany</i> , <b>2008</b> , 59, 3051-68	7	100
32	Cytoskeletal organization and pollen tube growth. <i>Trends in Plant Science</i> , <b>1997</b> , 2, 86-91	13.1	91
31	Detection and localization of pectin methylesterase isoforms in pollen tubes of <i>Nicotiana tabacum</i> L. <i>Planta</i> , <b>2002</b> , 214, 734-40	4.7	84
30	Functional interactions among cytoskeleton, membranes, and cell wall in the pollen tube of flowering plants. <i>International Review of Cytology</i> , <b>1997</b> , 176, 133-99		68
29	An immunoreactive homolog of mammalian kinesin in <i>Nicotiana tabacum</i> pollen tubes. <i>Cytoskeleton</i> , <b>1992</b> , 21, 132-7		66
28	Identification and characterization of a novel microtubule-based motor associated with membranous organelles in tobacco pollen tubes. <i>Plant Cell</i> , <b>2000</b> , 12, 1719-36	11.6	58
27	Pollen tube growth: a delicate equilibrium between secretory and endocytic pathways. <i>Journal of Integrative Plant Biology</i> , <b>2009</b> , 51, 727-39	8.3	51
26	Bioaccumulation of heavy metals from wastewater through a <i>Typha latifolia</i> and <i>Thelypteris palustris</i> phytoremediation system. <i>Chemosphere</i> , <b>2020</b> , 241, 125018	8.4	46
25	Microtubule depolymerization affects endocytosis and exocytosis in the tip and influences endosome movement in tobacco pollen tubes. <i>Molecular Plant</i> , <b>2013</b> , 6, 1109-30	14.4	36
24	Do endocrine disrupting chemicals threaten Mediterranean swordfish? Preliminary results of vitellogenin and Zona radiata proteins in <i>Xiphias gladius</i> . <i>Marine Environmental Research</i> , <b>2001</b> , 52, 477-83	3.3	31
23	Distribution of microtubules during the growth of tobacco pollen tubes. <i>Biology of the Cell</i> , <b>1993</b> , 79, 125-132	3.5	29
22	Endocytic Pathways and Recycling in Growing Pollen Tubes. <i>Plants</i> , <b>2013</b> , 2, 211-29	4.5	24
21	Confocal image analysis of spatial variations in immunocytochemically identified calmodulin during pollen hydration, germination and pollen tube tip growth in <i>Nicotiana tabacum</i> L. <i>Zygote</i> , <b>1994</b> , 2, 63-8	1.6	24
20	Evaluation of concentration of heavy metals in animal rearing system. <i>Italian Journal of Animal Science</i> , <b>2019</b> , 18, 1372-1384	2.2	23
19	Heavy-Metal Phytoremediation from Livestock Wastewater and Exploitation of Exhausted Biomass. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	18
18	Emerging roles for microtubules in angiosperm pollen tube growth highlight new research cues. <i>Frontiers in Plant Science</i> , <b>2015</b> , 6, 51	6.2	16

17	Characterisation of detergent-insoluble membranes in pollen tubes of <i>Nicotiana tabacum</i> (L.). <i>Biology Open</i> , <b>2015</b> , 4, 378-99	2.2	14
16	In vitro double fertilization in <i>Nicotiana tabacum</i> (L.): polygamy compared with selected single pair somatic protoplast and chloroplast fusions. <i>Sexual Plant Reproduction</i> , <b>2000</b> , 13, 113-117		13
15	Phosphorylated epitopes of neurofilaments have been conserved during chordate evolution. <i>Biochemical and Biophysical Research Communications</i> , <b>1987</b> , 149, 807-14	3.4	10
14	A methionine synthase homolog is associated with secretory vesicles in tobacco pollen tubes. <i>Planta</i> , <b>2005</b> , 221, 776-89	4.7	9
13	Fluorophore-conjugated lectin labeling of the cell surface of isolated male and female gametes, central cells and synergids before and after fertilization in maize. <i>Sexual Plant Reproduction</i> , <b>2002</b> , 15, 159-166		8
12	Low concentration of LatB dramatically changes the microtubule organization and the timing of vegetative nucleus/generative cell entrance in tobacco pollen tubes. <i>Plant Signaling and Behavior</i> , <b>2012</b> , 7, 947-50	2.5	6
11	A reliable protocol for direct detection of lectin binding sites on the plasma membrane of a single living sperm cell in maize. <i>Sexual Plant Reproduction</i> , <b>2002</b> , 15, 53-55		6
10	In vitro double fertilization in <i>Nicotiana tabacum</i> (L.): the role of cell volume in cell fusion. <i>Sexual Plant Reproduction</i> , <b>2001</b> , 13, 225-229		5
9	Retarded germination of <i>Nicotiana tabacum</i> seeds following insertion of exogenous DNA mimics the seed persistent behavior. <i>PLoS ONE</i> , <b>2017</b> , 12, e0187929	3.7	4
8	<i>Typha latifolia</i> and <i>Thelypteris palustris</i> behavior in a pilot system for the refinement of livestock wastewaters: A case of study. <i>Chemosphere</i> , <b>2020</b> , 240, 124915	8.4	3
7	Biomarkers of Exposure and Effects for Assessing Toxicological Risk of Endocrine Disrupters in Top Predators of the Mediterranean Sea. <i>Marine Ecology</i> , <b>2002</b> , 23, 184-189	1.4	2
6	Dynein heavy chain (DHC)-related polypeptides during pollen tube growth. <i>Cell Biology International</i> , <b>2003</b> , 27, 237-8	4.5	2
5	Microtubules play a role in trafficking prevacuolar compartments to vacuoles in tobacco pollen tubes. <i>Open Biology</i> , <b>2018</b> , 8,	7	2
4	Heterogeneous localization of epitopes along axonemes of mammalian cilia. <i>Biology of the Cell</i> , <b>1995</b> , 83, 179-84	3.5	1
3	Protein Analysis of Pollen Tubes after the Treatments of Membrane Trafficking Inhibitors Gains Insights on Molecular Mechanism Underlying Pollen Tube Polar Growth. <i>Protein Journal</i> , <b>2021</b> , 40, 205-222	3.9	1
2	Identification and Characterization of a Novel Microtubule-Based Motor Associated with Membranous Organelles in Tobacco Pollen Tubes. <i>Plant Cell</i> , <b>2000</b> , 12, 1719	11.6	
1	Dynein-related polypeptides in pollen and pollen tubes. <i>Sexual Plant Reproduction</i> , <b>1996</b> , 9, 312-317		