

alessandra Moscatelli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7618256/publications.pdf>

Version: 2024-02-01

35
papers

1,192
citations

471061

17
h-index

377514

34
g-index

35
all docs

35
docs citations

35
times ranked

1162
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Distinct endocytic pathways identified in tobacco pollen tubes using charged nanogold. <i>Journal of Cell Science</i> , 2007, 120, 3804-3819. | 1.2 | 123 |
| 2 | Clathrin-dependent and independent endocytic pathways in tobacco protoplasts revealed by labelling with charged nanogold. <i>Journal of Experimental Botany</i> , 2008, 59, 3051-3068. | 2.4 | 121 |
| 3 | Cytoskeletal organization and pollen tube growth. <i>Trends in Plant Science</i> , 1997, 2, 86-91. | 4.3 | 101 |
| 4 | Detection and localization of pectin methylesterase isoforms in pollen tubes of <i>Nicotiana tabacum</i> L.. <i>Planta</i> , 2002, 214, 734-740. | 1.6 | 91 |
| 5 | Functional Interactions among Cytoskeleton, Membranes, and Cell Wall in the Pollen Tube of Flowering Plants. <i>International Review of Cytology</i> , 1997, 176, 133-199. | 6.2 | 88 |
| 6 | An immunoreactive homolog of mammalian kinesin in <i>Nicotiana tabacum</i> pollen tubes. <i>Cytoskeleton</i> , 1992, 21, 132-137. | 4.4 | 87 |
| 7 | Bioaccumulation of heavy metals from wastewater through a <i>Typha latifolia</i> and <i>Thelypteris palustris</i> phytoremediation system. <i>Chemosphere</i> , 2020, 241, 125018. | 4.2 | 65 |
| 8 | Identification and Characterization of a Novel Microtubule-Based Motor Associated with Membranous Organelles in Tobacco Pollen Tubes. <i>Plant Cell</i> , 2000, 12, 1719-1736. | 3.1 | 62 |
| 9 | Pollen Tube Growth: a Delicate Equilibrium Between Secretary and Endocytic Pathways. <i>Journal of Integrative Plant Biology</i> , 2009, 51, 727-739. | 4.1 | 56 |
| 10 | Distribution of microtubules during the growth of tobacco pollen tubes. <i>Biology of the Cell</i> , 1993, 79, 125-132. | 0.7 | 43 |
| 11 | Microtubule Depolymerization Affects Endocytosis and Exocytosis in the Tip and Influences Endosome Movement in Tobacco Pollen Tubes. <i>Molecular Plant</i> , 2013, 6, 1109-1130. | 3.9 | 42 |
| 12 | Evaluation of concentration of heavy metals in animal rearing system. <i>Italian Journal of Animal Science</i> , 2019, 18, 1372-1384. | 0.8 | 41 |
| 13 | Do endocrine disrupting chemicals threaten Mediterranean swordfish? Preliminary results of vitellogenin and <i>Zona radiata</i> proteins in <i>Xiphias gladius</i> . <i>Marine Environmental Research</i> , 2001, 52, 477-483. | 1.1 | 38 |
| 14 | Heavy-Metal Phytoremediation from Livestock Wastewater and Exploitation of Exhausted Biomass. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2239. | 1.2 | 36 |
| 15 | Endocytic Pathways and Recycling in Growing Pollen Tubes. <i>Plants</i> , 2013, 2, 211-229. | 1.6 | 29 |
| 16 | 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> , 1994, 2, 63-68. | 0.5 | 27 |
| 17 | Emerging roles for microtubules in angiosperm pollen tube growth highlight new research cues. <i>Frontiers in Plant Science</i> , 2015, 6, 51. | 1.7 | 21 |
| 18 | Characterisation of detergent-insoluble membranes in pollen tubes of <i>Nicotiana tabacum</i> (L.). <i>Biology Open</i> , 2015, 4, 378-399. | 0.6 | 17 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | 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> , 2000, 13, 113-117. | 2.2 | 14 |
| 20 | 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> , 2002, 15, 53-55. | 2.2 | 12 |
| 21 | Phosphorylated epitopes of neurofilaments have been conserved during chordate evolution. <i>Biochemical and Biophysical Research Communications</i> , 1987, 149, 807-814. | 1.0 | 11 |
| 22 | 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> , 2002, 15, 159-166. | 2.2 | 10 |
| 23 | A methionine synthase homolog is associated with secretory vesicles in tobacco pollen tubes. <i>Planta</i> , 2005, 221, 776-789. | 1.6 | 9 |
| 24 | In vitro double fertilization in <i>Nicotiana tabacum</i> (L.): the role of cell volume in cell fusion. <i>Sexual Plant Reproduction</i> , 2001, 13, 225-229. | 2.2 | 7 |
| 25 | Retarded germination of <i>Nicotiana tabacum</i> seeds following insertion of exogenous DNA mimics the seed persistent behavior. <i>PLoS ONE</i> , 2017, 12, e0187929. | 1.1 | 7 |
| 26 | 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> , 2012, 7, 947-950. | 1.2 | 6 |
| 27 | <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> , 2020, 240, 124915. | 4.2 | 6 |
| 28 | Evaluation of Adhesive Characteristics of <i>L. plantarum</i> and <i>L. reuteri</i> Isolated from Weaned Piglets. <i>Microorganisms</i> , 2021, 9, 1587. | 1.6 | 6 |
| 29 | Microtubules play a role in trafficking prevacuolar compartments to vacuoles in tobacco pollen tubes. <i>Open Biology</i> , 2018, 8, 180078. | 1.5 | 4 |
| 30 | Biomarkers of Exposure and Effects for Assessing Toxicological Risk of Endocrine Disrupters in Top Predators of the Mediterranean Sea. <i>Marine Ecology</i> , 2002, 23, 184-189. | 0.4 | 3 |
| 31 | Dynein heavy chain (DHC)-related polypeptides during pollen tube growth. <i>Cell Biology International</i> , 2003, 27, 237-238. | 1.4 | 3 |
| 32 | 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> , 2021, 40, 205-222. | 0.7 | 3 |
| 33 | Dynein-related polypeptides in pollen and pollen tubes. <i>Sexual Plant Reproduction</i> , 1996, 9, 312-317. | 2.2 | 2 |
| 34 | Heterogeneous localization of epitopes along axonemes of mammalian cilia. <i>Biology of the Cell</i> , 1995, 83, 179-184. | 0.7 | 1 |
| 35 | Identification and Characterization of a Novel Microtubule-Based Motor Associated with Membranous Organelles in Tobacco Pollen Tubes. <i>Plant Cell</i> , 2000, 12, 1719. | 3.1 | 0 |