Elisabetta Onelli

List of Publications by Citations

25 papers	880 citations	14 h-index	26 g-index
26 ext. papers	1,017 ext. citations	4.6 avg, IF	4.03 L-index

#	Paper	IF	Citations
25	Morphological and proteomic responses of Eruca sativa exposed to silver nanoparticles or silver nitrate. *PLoS ONE*, **2013**, 8, e68752	3.7	168
24	Phytotoxic and genotoxic effects of silver nanoparticles exposure on germinating wheat seedlings. *Journal of Plant Physiology*, **2014**, 171, 1142-8	3.6	163
23	Distinct endocytic pathways identified in tobacco pollen tubes using charged nanogold. *Journal of Cell Science*, **2007**, 120, 3804-19	5.3	109
22	Clathrin-dependent and independent endocytic pathways in tobacco protoplasts revealed by labelling with charged nanogold. *Journal of Experimental Botany*, **2008**, 59, 3051-68	7	100
21	The histone-like protein H1-S and the response of tomato leaves to water deficit. *Journal of Experimental Botany*, **2004**, 55, 99-109	7	74
20	Bioaccumulation of heavy metals from wastewater through a Typha latifolia and Thelypteris palustris phytoremediation system. *Chemosphere*, **2020**, 241, 125018	8.4	46
19	Microtubule depolymerization affects endocytosis and exocytosis in the tip and influences endosome movement in tobacco pollen tubes. *Molecular Plant*, **2013**, 6, 1109-30	14.4	36
18	Seasonality of fine root dynamics and activity of root and shoot vascular cambium in a Quercus ilex L. forest (Italy). *Forest Ecology and Management*, **2019**, 431, 26-34	3.9	28
17	Endocytic Pathways and Recycling in Growing Pollen Tubes. *Plants*, **2013**, 2, 211-29	4.5	24
16	Evaluation of concentration of heavy metals in animal rearing system. *Italian Journal of Animal Science*, **2019**, 18, 1372-1384	2.2	23
15	Physiological and molecular effects associated with palladium treatment in Pseudokirchneriella subcapitata. *Aquatic Toxicology*, **2011**, 102, 104-13	5.1	18
14	Heavy-Metal Phytoremediation from Livestock Wastewater and Exploitation of Exhausted Biomass. *International Journal of Environmental Research and Public Health*, **2021**, 18,	4.6	18
13	Emerging roles for microtubules in angiosperm pollen tube growth highlight new research cues. *Frontiers in Plant Science*, **2015**, 6, 51	6.2	16
12	Characterisation of detergent-insoluble membranes in pollen tubes of Nicotiana tabacum (L.). *Biology Open*, **2015**, 4, 378-99	2.2	14
11	Flow cytometry, sorting and immunocharacterization with proliferating cell nuclear antigen of cycling and non-cycling cells in synchronized pea root tips. *Planta*, **1997**, 202, 188-95	4.7	11
10	Nuclear proteins and the onset of cell proliferation in root meristems of Pisum sativum: QP47 a novel acidic protein. *Seed Science Research*, **1993**, 3, 35-42	1.3	11
9	Low concentration of LatB dramatically changes the microtubule organization and the timing of vegetative nucleus/generative cell entrance in tobacco pollen tubes. *Plant Signaling and Behavior*, **2012**, 7, 947-50	2.5	6

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8	Retarded germination of Nicotiana tabacum seeds following insertion of exogenous DNA mimics the seed persistent behavior. *PLoS ONE*, **2017**, 12, e0187929	3.7	4
7	Typha latifolia and Thelypteris palustris behavior in a pilot system for the refinement of livestock wastewaters: A case of study. *Chemosphere*, **2020**, 240, 124915	8.4	3
6	Dynein heavy chain (DHC)-related polypeptides during pollen tube growth. *Cell Biology International*, **2003**, 27, 237-8	4.5	2
5	The presence of a p53-like protein during pea seed maturation and germination. *Plant Biosystems*, **2000**, 134, 153-165	1.6	2
4	Microtubules play a role in trafficking prevacuolar compartments to vacuoles in tobacco pollen tubes. *Open Biology*, **2018**, 8,	7	2
3	Spatial arrangement of the fibres in developing and mature endocarp of Luffa cylindrica Roem. *Plant Biosystems*, **2001**, 135, 39-44	1.6	1
2	Protein Analysis of Pollen Tubes after the Treatments of Membrane Trafficking Inhibitors Gains Insights on Molecular Mechanism Underlying Pollen Tube Polar Growth. *Protein Journal*, **2021**, 40, 205-222	3.9	1
1	Isolation and characterization of two cyclin cDNAs from Pisum sativum L.. *Plant Biosystems*, **2001**, 135, 133-142	1.6	