

Candida Vannini

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

2,614
citations

331670

21
h-index

302126

39
g-index

43
all docs

43
docs citations

43
times ranked

3686
citing authors

#	ARTICLE	IF	CITATIONS
1	Overexpression of the rice <i>Osmyb4</i> gene increases chilling and freezing tolerance of <i>Arabidopsis thaliana</i> plants. <i>Plant Journal</i> , 2004, 37, 115-127.	5.7	314
2	<i>Arabidopsis thaliana</i> plants overexpressing thylakoidal ascorbate peroxidase show increased resistance to Paraquat-induced photooxidative stress and to nitric oxide-induced cell death. <i>Plant Journal</i> , 2004, 38, 940-953.	5.7	284
3	Morphological and Proteomic Responses of <i>Eruca sativa</i> Exposed to Silver Nanoparticles or Silver Nitrate. <i>PLoS ONE</i> , 2013, 8, e68752.	2.5	219
4	Phytotoxic and genotoxic effects of silver nanoparticles exposure on germinating wheat seedlings. <i>Journal of Plant Physiology</i> , 2014, 171, 1142-1148.	3.5	207
5	Thiol-peptide level and proteomic changes in response to cadmium toxicity in <i>Oryza sativa</i> L. roots. <i>Environmental and Experimental Botany</i> , 2007, 59, 381-392.	4.2	168
6	Proteomic analysis of somatic embryogenesis in <i>Vitis vinifera</i> . <i>Plant Cell Reports</i> , 2008, 27, 347-356.	5.6	147
7	The <i>sax1</i> dwarf mutant of <i>Arabidopsis thaliana</i> shows altered sensitivity of growth responses to abscisic acid, auxin, gibberellins and ethylene and is partially rescued by exogenous brassinosteroid. <i>Plant Journal</i> , 1999, 18, 303-314.	5.7	136
8	Omics approaches revealed how arbuscular mycorrhizal symbiosis enhances yield and resistance to leaf pathogen in wheat. <i>Scientific Reports</i> , 2018, 8, 9625.	3.3	108
9	Evaluation of transgenic tomato plants ectopically expressing the rice <i>Osmyb4</i> gene. <i>Plant Science</i> , 2007, 173, 231-239.	3.6	95
10	The ectopic expression of the rice <i>Osmyb4</i> gene in <i>Arabidopsis</i> increases tolerance to abiotic, environmental and biotic stresses. <i>Physiological and Molecular Plant Pathology</i> , 2006, 69, 26-42.	2.5	94
11	Overexpression of <i>Osmyb4</i> enhances compatible solute accumulation and increases stress tolerance of <i>Arabidopsis thaliana</i> . <i>Physiologia Plantarum</i> , 2005, 125, 212-223.	5.2	93
12	Effects of a complex mixture of therapeutic drugs on unicellular algae <i>Pseudokirchneriella subcapitata</i> . <i>Aquatic Toxicology</i> , 2011, 101, 459-465.	4.0	93
13	Antisense reduction of thylakoidal ascorbate peroxidase in <i>Arabidopsis</i> enhances Paraquat-induced photooxidative stress and Nitric Oxide-induced cell death. <i>Planta</i> , 2005, 221, 757-765.	3.2	62
14	An interdomain network: the endobacterium of a mycorrhizal fungus promotes antioxidative responses in both fungal and plant hosts. <i>New Phytologist</i> , 2016, 211, 265-275.	7.3	61
15	Uptake and effects of a mixture of widely used therapeutic drugs in <i>Eruca sativa</i> L. and <i>Zea mays</i> L. plants. <i>Ecotoxicology and Environmental Safety</i> , 2014, 108, 52-57.	6.0	60
16	<i>GUN1</i> influences the accumulation of NEP-dependent transcripts and chloroplast protein import in <i>Arabidopsis</i> cotyledons upon perturbation of chloroplast protein homeostasis. <i>Plant Journal</i> , 2020, 101, 1198-1220.	5.7	44
17	Fluorescence and Absorption Detected Magnetic Resonance of Chlorosomes from Green Bacteria <i>Chlorobium tepidum</i> and <i>Chloroflexus aurantiacus</i> . A Comparative Study. <i>Journal of Physical Chemistry B</i> , 2001, 105, 246-255.	2.6	34
18	Seagrass light acclimation: 2-DE protein analysis in <i>Posidonia</i> leaves grown in chronic low light conditions. <i>Journal of Experimental Marine Biology and Ecology</i> , 2009, 374, 113-122.	1.5	31

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19	Proteomic analysis reveals how pairing of a Mycorrhizal fungus with plant <scp>growthâ€promoting</scp> bacteria modulates growth and defense in wheat. <i>Plant, Cell and Environment</i> , 2021, 44, 1946-1960.	5.7	26
20	Transcriptome and proteome analysis reveal new insight into proximal and distal responses of wheat to foliar infection by <i>Xanthomonas translucens</i> . <i>Scientific Reports</i> , 2017, 7, 10157.	3.3	25
21	Physiological and molecular effects associated with palladium treatment in <i>Pseudokirchneriella subcapitata</i> . <i>Aquatic Toxicology</i> , 2011, 102, 104-113.	4.0	22
22	<i>Asg1</i> is a stress-inducible gene which increases stomatal resistance in salt stressed potato. <i>Journal of Plant Physiology</i> , 2012, 169, 1849-1857.	3.5	22
23	Cyclic <scp>AMP</scp> mediates heat stress response by the control of redox homeostasis and ubiquitinâ€proteasome system. <i>Plant, Cell and Environment</i> , 2020, 43, 2727-2742.	5.7	22
24	Proteomic analysis of chromate-induced modifications in <i>Pseudokirchneriella subcapitata</i> . <i>Chemosphere</i> , 2009, 76, 1372-1379.	8.2	21
25	Exploring the soluble proteome of TBV-2 cells at the switch towards different cell fates in response to heat shocks. <i>Plant, Cell and Environment</i> , 2010, 33, 1161-75.	5.7	21
26	<i>Uromyces appendiculatus</i> Infection in BTH-Treated Bean Plants: Ultrastructural Details of a Lost Fight. <i>Mycopathologia</i> , 2011, 171, 209-221.	3.1	20
27	Cyclic AMP deficiency negatively affects cell growth and enhances stress-related responses in tobacco Bright Yellow-2 cells. <i>Plant Molecular Biology</i> , 2016, 90, 467-483.	3.9	20
28	Elevated field atmospheric CO2 concentrations affect the characteristics of winter wheat (cv.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	1.5	20
29	Chemical, molecular, and proteomic analyses of moss bag biomonitoring in a petrochemical area of Sardinia (Italy). <i>Environmental Science and Pollution Research</i> , 2016, 23, 2288-2300.	5.3	17
30	Phytotoxicity of Silver Nanoparticles to Aquatic Plants, Algae, and Microorganisms. , 2019, , 143-168.		17
31	Methylation changes in specific sequences in response to water deficit. <i>Plant Biosystems</i> , 2002, 136, 269-275.	1.6	16
32	The rice Mybleu transcription factor increases tolerance to oxygen deprivation in <i>Arabidopsis</i> plants. <i>Physiologia Plantarum</i> , 2007, 131, 106-121.	5.2	16
33	The soluble proteome of tobacco Bright Yellow-2 cells undergoing H2O2-induced programmed cell death. <i>Journal of Experimental Botany</i> , 2012, 63, 3137-3155.	4.8	15
34	Effect of Inulin on Proteome Changes Induced by Pathogenic Lipopolysaccharide in Human Colon. <i>PLoS ONE</i> , 2017, 12, e0169481.	2.5	15
35	Symbiotic responses of <i>Lotus japonicus</i> to two isogenic lines of a mycorrhizal fungus differing in the presence/absence of an endobacterium. <i>Plant Journal</i> , 2021, 108, 1547-1564.	5.7	15
36	Proteasome-mediated remodeling of the proteome and phosphoproteome during kiwifruit pollen germination. <i>Journal of Proteomics</i> , 2019, 192, 334-345.	2.4	13

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37	Structural investigation of oxidized chlorosomes from green bacteria using multifrequency electron paramagnetic resonance up to 330 GHz. <i>Photosynthesis Research</i> , 2002, 71, 33-44.	2.9	8
38	Label-Free Proteomic Approach to Study the Non-lethal Effects of Silver Nanoparticles on a Gut Bacterium. <i>Frontiers in Microbiology</i> , 2019, 10, 2709.	3.5	5
39	Optically detected magnetic resonance of intact membranes from <i>Chloroflexus aurantiacus</i> . Evidence for exciton interaction between the RC and the B808-866 complex. <i>Photosynthesis Research</i> , 2002, 71, 45-57.	2.9	4
40	Proteomic Analysis of MG132-Treated Germinating Pollen Reveals Expression Signatures Associated with Proteasome Inhibition. <i>PLoS ONE</i> , 2014, 9, e108811.	2.5	4
41	Tu1851 Protective Effect of Inulin on LPS-Induced Intestinal Smooth Muscle Impairment: A Proteomic Approach. <i>Gastroenterology</i> , 2016, 150, S960.	1.3	0