

Candida Vannini

List of Publications by Year in descending order

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41
papers

2,614
citations

331670

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302126

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docs citations

43
times ranked

3686
citing authors

#	ARTICLE	IF	CITATIONS
1	Proteomic analysis reveals how pairing of a Mycorrhizal fungus with plant <sc>growth-promoting</sc> bacteria modulates growth and defense in wheat. Plant, Cell and Environment, 2021, 44, 1946-1960.	5.7	26
2	Symbiotic responses of <i>Lotus japonicus</i> to two isogenic lines of a mycorrhizal fungus differing in the presence/absence of an endobacterium. Plant Journal, 2021, 108, 1547-1564.	5.7	15
3	GUN1 influences the accumulation of NEP-dependent transcripts and chloroplast protein import in Arabidopsis cotyledons upon perturbation of chloroplast protein homeostasis. Plant Journal, 2020, 101, 1198-1220.	5.7	44
4	Cyclic <sc>AMP</sc> mediates heat stress response by the control of redox homeostasis and ubiquitin-proteasome system. Plant, Cell and Environment, 2020, 43, 2727-2742.	5.7	22
5	Label-Free Proteomic Approach to Study the Non-lethal Effects of Silver Nanoparticles on a Gut Bacterium. Frontiers in Microbiology, 2019, 10, 2709.	3.5	5
6	Phytotoxicity of Silver Nanoparticles to Aquatic Plants, Algae, and Microorganisms. , 2019, , 143-168.		17
7	Proteasome-mediated remodeling of the proteome and phosphoproteome during kiwifruit pollen germination. Journal of Proteomics, 2019, 192, 334-345.	2.4	13
8	Omics approaches revealed how arbuscular mycorrhizal symbiosis enhances yield and resistance to leaf pathogen in wheat. Scientific Reports, 2018, 8, 9625.	3.3	108
9	Elevated field atmospheric CO2 concentrations affect the characteristics of winter wheat (cv.) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.5	20
10	Transcriptome and proteome analysis reveal new insight into proximal and distal responses of wheat to foliar infection by Xanthomonas translucens. Scientific Reports, 2017, 7, 10157.	3.3	25
11	Effect of Inulin on Proteome Changes Induced by Pathogenic Lipopolysaccharide in Human Colon. PLoS ONE, 2017, 12, e0169481.	2.5	15
12	An interdomain network: the endobacterium of a mycorrhizal fungus promotes antioxidative responses in both fungal and plant hosts. New Phytologist, 2016, 211, 265-275.	7.3	61
13	Tu1851 Protective Effect of Inulin on LPS-Induced Intestinal Smooth Muscle Impairment: A Proteomic Approach. Gastroenterology, 2016, 150, S960.	1.3	0
14	Cyclic AMP deficiency negatively affects cell growth and enhances stress-related responses in tobacco Bright Yellow-2 cells. Plant Molecular Biology, 2016, 90, 467-483.	3.9	20
15	Chemical, molecular, and proteomic analyses of moss bag biomonitors in a petrochemical area of Sardinia (Italy). Environmental Science and Pollution Research, 2016, 23, 2288-2300.	5.3	17
16	Proteomic Analysis of MG132-Treated Germinating Pollen Reveals Expression Signatures Associated with Proteasome Inhibition. PLoS ONE, 2014, 9, e108811.	2.5	4
17	Uptake and effects of a mixture of widely used therapeutic drugs in Eruca sativa L. and Zea mays L. plants. Ecotoxicology and Environmental Safety, 2014, 108, 52-57.	6.0	60
18	Phytotoxic and genotoxic effects of silver nanoparticles exposure on germinating wheat seedlings. Journal of Plant Physiology, 2014, 171, 1142-1148.	3.5	207

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19	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
20	The soluble proteome of tobacco Bright Yellow-2 cells undergoing H ₂ O ₂ -induced programmed cell death. <i>Journal of Experimental Botany</i> , 2012, 63, 3137-3155.	4.8	15
21	<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
22	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
23	Physiological and molecular effects associated with palladium treatment in <i>Pseudokirchneriella subcapitata</i> . <i>Aquatic Toxicology</i> , 2011, 102, 104-113.	4.0	22
24	<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
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	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
27	Proteomic analysis of chromate-induced modifications in <i>Pseudokirchneriella subcapitata</i> . <i>Chemosphere</i> , 2009, 76, 1372-1379.	8.2	21
28	Proteomic analysis of somatic embryogenesis in <i>Vitis vinifera</i> . <i>Plant Cell Reports</i> , 2008, 27, 347-356.	5.6	147
29	Evaluation of transgenic tomato plants ectopically expressing the rice <i>Osmyb4</i> gene. <i>Plant Science</i> , 2007, 173, 231-239.	3.6	95
30	The rice <i>Myb1e</i> transcription factor increases tolerance to oxygen deprivation in <i>Arabidopsis</i> plants. <i>Physiologia Plantarum</i> , 2007, 131, 106-121.	5.2	16
31	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
32	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
33	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
34	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
35	<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
36	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

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37	Methylation changes in specific sequences in response to water deficit. <i>Plant Biosystems</i> , 2002, 136, 269-275.	1.6	16
38	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
39	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
40	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
41	The sax1 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