

Susana M Gallego

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3960878/publications.pdf>

Version: 2024-02-01

26
papers

3,291
citations

567281

15
h-index

580821

25
g-index

26
all docs

26
docs citations

26
times ranked

3603
citing authors

#	ARTICLE	IF	CITATIONS
1	The nitric oxide challenges during metal stress. , 2022, , 503-537.		0
2	Biochemical and hormonal changes associated with root growth restriction under cadmium stress during maize (<i>Zea mays</i> L.) pre-emergence. <i>Plant Growth Regulation</i> , 2022, 96, 269-281.	3.4	12
3	Unravelling ties in the nitrogen network: Polyamines and nitric oxide emerging as essential players in signalling roadway. <i>Annals of Applied Biology</i> , 2021, 178, 192-208.	2.5	12
4	An isopentenyl transferase transgenic wheat isolate exhibits less seminal root growth impairment and a differential metabolite profile under Cd stress. <i>Physiologia Plantarum</i> , 2021, 173, 223-234.	5.2	3
5	Oxidation of proline from the cyclin-binding motif in maize CDKA;1 results in lower affinity with its cyclin regulatory subunit. <i>Phytochemistry</i> , 2020, 169, 112165.	2.9	3
6	Optimization of recombinant maize CDKA;1 and CycD6;1 production in <i>Escherichia coli</i> by response surface methodology. <i>Protein Expression and Purification</i> , 2020, 165, 105483.	1.3	11
7	Tyr-nitration in maize CDKA;1 results in lower affinity for ATP binding. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2020, 1868, 140479.	2.3	10
8	Metabolic rearrangements in imbibed maize (<i>Zea mays</i> L.) embryos in the presence of oxidative stressors. <i>Plant Physiology and Biochemistry</i> , 2020, 155, 560-569.	5.8	8
9	Early responses of maize seedlings to Cu stress include sharp decreases in gibberellins and jasmonates in the root apex. <i>Protoplasma</i> , 2020, 257, 1243-1256.	2.1	12
10	Priming with NO controls redox state and prevents cadmium-induced general up-regulation of methionine sulfoxide reductase gene family in <i>Arabidopsis</i> . <i>Biochimie</i> , 2016, 131, 128-136.	2.6	22
11	Early response of wheat seminal roots growing under copper excess. <i>Plant Physiology and Biochemistry</i> , 2015, 87, 115-123.	5.8	21
12	Osmotic adjustment and maintenance of the redox balance in root tissue may be key points to overcome a mild water deficit during the early growth of wheat. <i>Plant Growth Regulation</i> , 2014, 74, 107-117.	3.4	14
13	Oxidative post translational modifications of proteins related to cell cycle are involved in cadmium toxicity in wheat seedlings. <i>Plant Science</i> , 2012, 196, 1-7.	3.6	76
14	The control of root growth by reactive oxygen species in <i>Salix nigra</i> Marsh. seedlings. <i>Plant Science</i> , 2012, 183, 197-205.	3.6	29
15	Unravelling cadmium toxicity and tolerance in plants: Insight into regulatory mechanisms. <i>Environmental and Experimental Botany</i> , 2012, 83, 33-46.	4.2	956
16	Sunflower cotyledons cope with copper stress by inducing catalase subunits less sensitive to oxidation. <i>Journal of Trace Elements in Medicine and Biology</i> , 2011, 25, 125-129.	3.0	37
17	Heavy metals effects on proteolytic system in sunflower leaves. <i>Chemosphere</i> , 2008, 72, 741-746.	8.2	44
18	Mechanism of CATA3 induction by cadmium in sunflower leaves. <i>Plant Physiology and Biochemistry</i> , 2007, 45, 589-595.	5.8	47

#	ARTICLE	IF	CITATIONS
19	20S proteasome and accumulation of oxidized and ubiquitinated proteins in maize leaves subjected to cadmium stress. <i>Phytochemistry</i> , 2007, 68, 1139-1146.	2.9	53
20	Proteolytic system in sunflower (<i>Helianthus annuus</i> L.) leaves under cadmium stress. <i>Plant Science</i> , 2006, 171, 531-537.	3.6	59
21	Effect of different metals on protease activity in sunflower cotyledons. <i>Electronic Journal of Biotechnology</i> , 2006, 9, 0-0.	2.2	12
22	Glutathione-mediated Antioxidative Mechanisms in Sunflower (<i>Helianthus Annuus</i> L.) Cells in Response to Cadmium Stress. <i>Plant Growth Regulation</i> , 2005, 46, 267-276.	3.4	44
23	Cadmium toxicity in plants. <i>Brazilian Journal of Plant Physiology</i> , 2005, 17, 21-34.	0.5	876
24	Title is missing!. <i>Plant Growth Regulation</i> , 2003, 40, 81-88.	3.4	111
25	Effect of UV-B radiation on antioxidant defense system in sunflower cotyledons. <i>Plant Science</i> , 2002, 162, 939-945.	3.6	218
26	Effect of heavy metal ion excess on sunflower leaves: evidence for involvement of oxidative stress. <i>Plant Science</i> , 1996, 121, 151-159.	3.6	601