

JosÃ© Manuel Ugalde

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2682561/publications.pdf>

Version: 2024-02-01

12
papers

420
citations

933447

10
h-index

1281871

11
g-index

18
all docs

18
docs citations

18
times ranked

502
citing authors

#	ARTICLE	IF	CITATIONS
1	The fluorescent protein sensor roGFP2-Orp1 monitors <i>in vivo</i> H ₂ O ₂ and thiol redox integration and elucidates intracellular H ₂ O ₂ dynamics during elicitor-induced oxidative burst in Arabidopsis. <i>New Phytologist</i> , 2019, 221, 1649-1664.	7.3	132
2	Chloroplast-derived photo-oxidative stress causes changes in H ₂ O ₂ and <i>in vivo</i> GSH in other subcellular compartments. <i>Plant Physiology</i> , 2021, 186, 125-141.	4.8	65
3	Shifting paradigms and novel players in Cys-based redox regulation and ROS signaling in plants - and where to go next. <i>Biological Chemistry</i> , 2021, 402, 399-423.	2.5	41
4	Phosphatidylinositol 4-phosphate 5-kinases 1 and 2 are involved in the regulation of vacuole morphology during Arabidopsis thaliana pollen development. <i>Plant Science</i> , 2016, 250, 10-19.	3.6	28
5	TGA class II transcription factors are essential to restrict oxidative stress in response to UV-B stress in Arabidopsis. <i>Journal of Experimental Botany</i> , 2021, 72, 1891-1905.	4.8	26
6	Reductive stress triggers ANAC017-mediated retrograde signaling to safeguard the endoplasmic reticulum by boosting mitochondrial respiratory capacity. <i>Plant Cell</i> , 2022, 34, 1375-1395.	6.6	25
7	The latest HyPe(r) in plant H ₂ O ₂ biosensing. <i>Plant Physiology</i> , 2021, 187, 480-484.	4.8	22
8	Endoplasmic reticulum oxidoreductin provides resilience against reductive stress and hypoxic conditions by mediating luminal redox dynamics. <i>Plant Cell</i> , 2022, 34, 4007-4027.	6.6	22
9	A dual role for glutathione transferase U7 in plant growth and protection from methyl viologen-induced oxidative stress. <i>Plant Physiology</i> , 2021, 187, 2451-2468.	4.8	18
10	tlpA gene expression is required for arginine and bicarbonate chemotaxis in Helicobacter pylori. <i>Biological Research</i> , 2011, 44, 277-82.	3.4	16
11	Live Monitoring of ROS-Induced Cytosolic Redox Changes with roGFP2-Based Sensors in Plants. <i>Methods in Molecular Biology</i> , 2022, , 65-85.	0.9	7
12	You can't start a fire without a spark: Extracellular ATP triggers systemic ROS wave after local leaf wounding. <i>Plant Physiology</i> , 2022, , .	4.8	1