

Vanesa Beatriz Tognetti

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

4,565
citations

361413

20
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

6683
citing authors

#	ARTICLE	IF	CITATIONS
1	ROS signaling: the new wave?. Trends in Plant Science, 2011, 16, 300-309.	8.8	1,911
2	Perturbation of Indole-3-Butyric Acid Homeostasis by the UDP-Glucosyltransferase <i>UGT74E2</i> Modulates <i>Arabidopsis</i> Architecture and Water Stress Tolerance. Plant Cell, 2010, 22, 2660-2679.	6.6	407
3	Stress homeostasis – the redox and auxin perspective. Plant, Cell and Environment, 2012, 35, 321-333.	5.7	294
4	Survival and growth of <i>Arabidopsis</i> plants given limited water are not equal. Nature Biotechnology, 2011, 29, 212-214.	17.5	267
5	Plants under Stress: Involvement of Auxin and Cytokinin. International Journal of Molecular Sciences, 2017, 18, 1427.	4.1	250
6	Chloroplast-generated reactive oxygen species play a major role in localized cell death during the non-host interaction between tobacco and <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> . Plant Journal, 2009, 60, 962-973.	5.7	203
7	Functional Replacement of Ferredoxin by a Cyanobacterial Flavodoxin in Tobacco Confers Broad-Range Stress Tolerance. Plant Cell, 2006, 18, 2035-2050.	6.6	169
8	Spatial H ₂ O ₂ Signaling Specificity: H ₂ O ₂ from Chloroplasts and Peroxisomes Modulates the Plant Transcriptome Differentially. Molecular Plant, 2014, 7, 1191-1210.	8.3	167
9	Peroxiredoxin Q of <i>Arabidopsis thaliana</i> is attached to the thylakoids and functions in context of photosynthesis. Plant Journal, 2006, 45, 968-981.	5.7	165
10	Enhanced plant tolerance to iron starvation by functional substitution of chloroplast ferredoxin with a bacterial flavodoxin. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 11495-11500.	7.1	109
11	Redox regulation at the site of primary growth: auxin, cytokinin and ROS crosstalk. Plant, Cell and Environment, 2017, 40, 2586-2605.	5.7	106
12	GROWTH REGULATING FACTOR5 Stimulates <i>Arabidopsis</i> Chloroplast Division, Photosynthesis, and Leaf Longevity. Plant Physiology, 2015, 167, 817-832.	4.8	100
13	Transgenic Tobacco Plants Overexpressing Chloroplastic Ferredoxin-NADP(H) Reductase Display Normal Rates of Photosynthesis and Increased Tolerance to Oxidative Stress. Plant Physiology, 2007, 143, 639-649.	4.8	87
14	Combating stress with flavodoxin: a promising route for crop improvement. Trends in Biotechnology, 2008, 26, 531-537.	9.3	84
15	Transgenic tobacco plants expressing antisense ferredoxin-NADP(H) reductase transcripts display increased susceptibility to photo-oxidative damage. Plant Journal, 2003, 35, 332-341.	5.7	60
16	Expression of a Plastid-Targeted Flavodoxin Decreases Chloroplast Reactive Oxygen Species Accumulation and Delays Senescence in Aging Tobacco Leaves. Frontiers in Plant Science, 2018, 9, 1039.	3.6	46
17	Stress-inducible flavodoxin from photosynthetic microorganisms. The mystery of flavodoxin loss from the plant genome. IUBMB Life, 2007, 59, 355-360.	3.4	42
18	The Role of Ferredoxin-NADP+ Reductase in the Concerted Cell Defense Against Oxidative Damage. Studies using <i>Escherichia Coli</i> Mutants and Cloned Plant Genes. FEBS Journal, 1997, 249, 556-563.	0.2	39

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19	Root Adaptation to H ₂ O ₂ -Induced Oxidative Stress by ARF-GEF BEN1- and Cytoskeleton-Mediated PIN2 Trafficking. <i>Plant and Cell Physiology</i> , 2019, 60, 255-273.	3.1	34
20	Detoxification of 2,4-dinitrotoluene by Transgenic Tobacco Plants Expressing a Bacterial Flavodoxin. <i>Environmental Science & Technology</i> , 2007, 41, 4071-4076.	10.0	25