Vanesa Beatriz Tognetti

List of Publications by Year
in descending order

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	Root Adaptation to H2O2-Induced Oxidative Stress by ARF-GEF BEN1- and Cytoskeleton-Mediated PIN2 Trafficking. Plant and Cell Physiology, 2019, 60, 255-273.	3.1	34
2	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
3	Redox regulation at the site of primary growth: auxin, cytokinin and ROS crosstalk. Plant, Cell and Environment, 2017, 40, 2586-2605.	5.7	106
4	Plants under Stress: Involvement of Auxin and Cytokinin. International Journal of Molecular Sciences, 2017, 18, 1427.	4.1	250
5	GROWTH REGULATING FACTOR5 Stimulates Arabidopsis Chloroplast Division, Photosynthesis, and Leaf Longevity Â. Plant Physiology, 2015, 167, 817-832.	4.8	100
6	Spatial H2O2 Signaling Specificity: H2O2 from Chloroplasts and Peroxisomes Modulates the Plant Transcriptome Differentially. Molecular Plant, 2014, 7, 1191-1210.	8.3	167
7	Stress homeostasis â€“ the redox and auxin perspective. Plant, Cell and Environment, 2012, 35, 321-333.	5.7	294
8	ROS signaling: the new wave?. Trends in Plant Science, 2011, 16, 300-309.	8.8	1,911
9	Survival and growth of Arabidopsis plants given limited water are not equal. Nature Biotechnology, 2011, 29, 212-214.	17.5	267
10	Perturbation of Indole-3-Butyric Acid Homeostasis by the UDP-GlucosyltransferaseUGT74E2ModulatesArabidopsisArchitecture and Water Stress Tolerance. Plant Cell, 2010, 22, 2660-2679.	6.6	407
11	Chloroplastâ€generated reactive oxygen species play a major role in localized cell death during the nonâ€host interaction between tobacco and Xanthomonas campestris pv. vesicatoria. Plant Journal, 2009, 60, 962-973.	5.7	203
12	Combating stress with flavodoxin: a promising route for crop improvement. Trends in Biotechnology, 2008, 26, 531-537.	9.3	84
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	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
15	Detoxification of 2,4-dinitrotoluene by Transgenic Tobacco Plants Expressing a Bacterial Flavodoxin. Environmental Science & Technology, 2007, 41, 4071-4076.	10.0	25
16	Stress-inducible flavodoxin from photosynthetic microorganisms. The mystery of flavodoxin loss from the plant genome. IUBMB Life, 2007, 59, 355-360.	3.4	42
17	Peroxiredoxin Q ofArabidopsis thalianais attached to the thylakoids and functions in context of photosynthesisâ€. Plant Journal, 2006, 45, 968-981.	5.7	165
18	Functional Replacement of Ferredoxin by a Cyanobacterial Flavodoxin in Tobacco Confers Broad-Range Stress Tolerance. Plant Cell, 2006, 18, 2035-2050.	6.6	169

#	Article	IF	Citations
19	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
20	The Role of Ferredoxin-NADP+ Reductase in the Concerted Cell Defense Against Oxidative Damage. Studies using Escherichia Coli Mutants and Cloned Plant Genes. FEBS Journal, 1997, 249, 556-563.	0.2	39