MarÃ-a InÃ©s Zanor

List of Publications by Year
in descending order

30 papers	3,806 citations	331670 21 h-index	454955 30 g-index
30 all docs	30 docs citations	30 times ranked	5093 citing authors

#	Article	IF	Citations
1	JUNGBRUNNEN1, a Reactive Oxygen Speciesâ€“Responsive NAC Transcription Factor, Regulates Longevity in Arabidopsis. Plant Cell, 2012, 24, 482-506.	6.6	512
2	A gene regulatory network controlled by the NAC transcription factor ANAC092/AtNAC2/ORE1 during salt-promoted senescence. Plant Journal, 2010, 62, 250-264.	5.7	433
3	Integrated Analysis of Metabolite and Transcript Levels Reveals the Metabolic Shifts That Underlie Tomato Fruit Development and Highlight Regulatory Aspects of Metabolic Network Behavior. Plant Physiology, 2006, 142, 1380-1396.	4.8	432
4	Systems Biology of Tomato Fruit Development: Combined Transcript, Protein, and Metabolite Analysis of Tomato Transcription Factor (nor, rin) and Ethylene Receptor (Nr) Mutants Reveals Novel Regulatory Interactions Â Â. Plant Physiology, 2011, 157, 405-425.	4.8	303
5	ORS1, an H2O2-Responsive NAC Transcription Factor, Controls Senescence in Arabidopsis thaliana. Molecular Plant, 2011, 4, 346-360.	8.3	281
6	DOF transcription factor AtDof1.1 (OBP2) is part of a regulatory network controlling glucosinolate biosynthesis in Arabidopsis. Plant Journal, 2006, 47, 10-24.	5.7	243
7	RNA Interference of LIN5 in Tomato Confirms Its Role in Controlling Brix Content, Uncovers the Influence of Sugars on the Levels of Fruit Hormones, and Demonstrates the Importance of Sucrose Cleavage for Normal Fruit Development and Fertility Â Â. Plant Physiology, 2009, 150, 1204-1218.	4.8	226
8	Generation of superoxide anion in chloroplasts of Arabidopsis thaliana during active photosynthesis: a focus on rapidly induced genes. Plant Molecular Biology, 2008, 66, 361-378.	3.9	204
9	Overexpression of AtWRKY30 enhances abiotic stress tolerance during early growth stages in Arabidopsis thaliana. Plant Molecular Biology, 2013, 83, 265-277.	3.9	152
10	Metabolic characterization of loci affecting sensory attributes in tomato allows an assessment of the influence of the levels of primary metabolites and volatile organic contents. Journal of Experimental Botany, 2009, 60, 2139-2154.	4.8	151
11	The DOF transcription factor OBP1 is involved in cell cycle regulation in Arabidopsis thaliana. Plant Journal, 2008, 56, 779-792.	5.7	120
12	Molecular Identification of an Arabidopsis S-Adenosylmethionine Transporter. Analysis of Organ Distribution, Bacterial Expression, Reconstitution into Liposomes, and Functional Characterization. Plant Physiology, 2006, 142, 855-865.	4.8	110
13	Alteration of Organic Acid Metabolism in Arabidopsis Overexpressing the Maize C4 NADP-Malic Enzyme Causes Accelerated Senescence during Extended Darkness. Plant Physiology, 2007, 145, 640-652.	4.8	105
14	Transcription factor AtDOF4;2 affects phenylpropanoid metabolism in Arabidopsis thaliana. New Phytologist, 2007, 175, 425-438.	7.3	99
15	EBE, an AP2/ERF Transcription Factor Highly Expressed in Proliferating Cells, Affects Shoot Architecture in Arabidopsis. Plant Physiology, 2013, 162, 842-857.	4.8	69
16	Overexpression ofAtERF019delays plant growth and senescence and improves drought tolerance in Arabidopsis. Journal of Experimental Botany, 2017, 68, erw429.	4.8	61
17	Transcription factors relevant to auxin signalling coordinate broad-spectrum metabolic shifts including sulphur metabolism. Journal of Experimental Botany, 2008, 59, 2831-2846.	4.8	54
18	Identification and Characterisation of the Î± and Î² Subunits of Succinyl CoA Ligase of Tomato. Plant Molecular Biology, 2005, 59, 781-791.	3.9	46

#	Article	IF	Citations
19	Generation of Arabidopsis protein chips for antibody and serum screening. Plant Molecular Biology, 2003, 52, 999-1010.	3.9	44
20	RNA interference-mediated repression of sucrose-phosphatase in transgenic potato tubers (Solanum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf on total soluble carbohydrate accumulation. Plant, Cell and Environment, 2007, 31, 071115091544001-???.	5.7	32
21	Genome-wide characterization and analysis of the CCT motif family genes in soybean (Glycine max). Planta, 2021, 253, 15.	3.2	26
22	Contrasting metabolic profiles of tasty Andean varieties of tomato fruit in comparison with commercial ones. Journal of the Science of Food and Agriculture, 2018, 98, 4128-4134.	3.5	24
23	Chilling tolerance of Micro-Tom fruit involves changes in the primary metabolite levels and in the stress response. Postharvest Biology and Technology, 2019, 148, 58-67.	6.0	17
24	Expression of a Chloroplast-Targeted Cyanobacterial Flavodoxin in Tomato Plants Increases Harvest Index by Altering Plant Size and Productivity. Frontiers in Plant Science, 2019, 10, 1432.	3.6	16
25	Metabolic responses to red/far-red ratio and ontogeny show poor correlation with the growth rate of sunflower stems. Journal of Experimental Botany, 2008, 59, 2469-2477.	4.8	11
26	Tomato fruit quality traits and metabolite content are affected by reciprocal crosses and heterosis. Journal of Experimental Botany, 2021, 72, 5407-5425.	4.8	10
27	FITNESS, a CCT domainâ€containing protein, deregulates reactive oxygen species levels and leads to fineâ€tuning tradeâ€offs between reproductive success and defence responses in Arabidopsis. Plant, Cell and Environment, 2018, 41, 2328-2341.	5.7	9
28	Fruit metabolic and transcriptional programs differentiate among Andean tomato (Solanum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 T	3.2	8
29	FITNESS Acts as a Negative Regulator of Immunity and Influences the Plant Reproductive Output After Pseudomonas syringae Infection. Frontiers in Plant Science, 2021, 12, 606791.	3.6	6
30	Isolation and Expression of a Barley Î²-1, 3-Glucanase Isoenzyme II Gene. DNA Sequence, 2000, 10, 395-398.	0.7	2