Concepcin Almoguera

List of Publications by Year in Descending Order

34 papers	4,441 citations	24 h-index	34 g-index
34 ext. papers	4,687 ext. citations	8.9 avg, IF	4.55 L-index

#	Paper	IF	Citations
34	Heat Stress Factors Expressed during Seed Maturation Differentially Regulate Seed Longevity and Seedling Greening. *Plants*, **2020**, 9,	4.5	4
33	Seed-specific transcription factor HSFA9 links late embryogenesis and early photomorphogenesis. *Journal of Experimental Botany*, **2017**, 68, 1097-1108	7	4
32	SUMO-Dependent Synergism Involving Heat Shock Transcription Factors with Functions Linked to Seed Longevity and Desiccation Tolerance. *Frontiers in Plant Science*, **2017**, 8, 974	6.2	5
31	Heat shock transcription factors involved in seed desiccation tolerance and longevity retard vegetative senescence in transgenic tobacco. *Planta*, **2015**, 242, 461-75	4.7	13
30	Co-overexpression of two Heat Shock Factors results in enhanced seed longevity and in synergistic effects on seedling tolerance to severe dehydration and oxidative stress. *BMC Plant Biology*, **2014**, 14, 56	5.3	40
29	A passive repression mechanism that hinders synergic transcriptional activation by heat shock factors involved in sunflower seed longevity. *Molecular Plant*, **2014**, 7, 256-9	14.4	10
28	Protection of the photosynthetic apparatus from extreme dehydration and oxidative stress in seedlings of transgenic tobacco. *PLoS ONE*, **2012**, 7, e51443	3.7	14
27	Loss of function of the HSFA9 seed longevity program. *Plant, Cell and Environment*, **2010**, 33, 1408-17	8.4	42
26	Repression by an auxin/indole acetic acid protein connects auxin signaling with heat shock factor-mediated seed longevity. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 21908-13	11.5	51
25	The HaDREB2 transcription factor enhances basal thermotolerance and longevity of seeds through functional interaction with HaHSFA9. *BMC Plant Biology*, **2009**, 9, 75	5.3	47
24	The ectopic overexpression of a seed-specific transcription factor, HaHSFA9, confers tolerance to severe dehydration in vegetative organs. *Plant Journal*, **2008**, 54, 1004-14	6.9	49
23	Distinct heat-shock element arrangements that mediate the heat shock, but not the late-embryogenesis induction of small heat-shock proteins, correlate with promoter activation in root-knot nematode feeding cells. *Plant Molecular Biology*, **2008**, 66, 151-64	4.6	28
22	Improved resistance to controlled deterioration in transgenic seeds. *Plant Physiology*, **2006**, 142, 1102-12	6.6	110
21	Functional interaction between two transcription factors involved in the developmental regulation of a small heat stress protein gene promoter. *Plant Physiology*, **2005**, 139, 1483-94	6.6	70
20	Induction of the Hahsp17.7G4 promoter by root-knot nematodes: involvement of heat-shock elements in promoter activity in giant cells. *Molecular Plant-Microbe Interactions*, **2003**, 16, 1062-8	3.6	29
19	Hahb-4, a homeobox-leucine zipper gene potentially involved in abscisic acid-dependent responses to water stress in sunflower*. *Plant, Cell and Environment*, **2002**, 25, 633-640	8.4	68
18	Reversible heat-induced inactivation of chimeric beta-glucuronidase in transgenic plants. *Plant Physiology*, **2002**, 129, 333-41	6.6	5

17	A seed-specific heat-shock transcription factor involved in developmental regulation during embryogenesis in sunflower. *Journal of Biological Chemistry*, **2002**, 277, 43866-72	5.4	73
16	Selective activation of the developmentally regulated Ha hsp17.6 G1 promoter by heat stress transcription factors. *Plant Physiology*, **2002**, 129, 1207-15	6.6	24
15	An imperfect heat shock element and different upstream sequences are required for the seed-specific expression of a small heat shock protein gene. *Plant Physiology*, **1999**, 121, 723-30	6.6	36
14	Transcriptional activation of a heat shock gene promoter in sunflower embryos: synergism between ABI3 and heat shock factors. *Plant Journal*, **1999**, 20, 601-10	6.9	37
13	Seed-specific expression patterns and regulation by ABI3 of an unusual late embryogenesis-abundant gene in sunflower. *Plant Molecular Biology*, **1999**, 39, 615-27	4.6	24
12	Dual regulation of a heat shock promoter during embryogenesis: stage-dependent role of heat shock elements. *Plant Journal*, **1998**, 13, 437-46	6.9	50
11	A plant small heat shock protein gene expressed during zygotic embryogenesis but noninducible by heat stress. *Journal of Biological Chemistry*, **1997**, 272, 27470-5	5.4	45
10	Differential regulation of small heat-shock genes in plants: analysis of a water-stress-inducible and developmentally activated sunflower promoter. *Plant Molecular Biology*, **1996**, 31, 863-76	4.6	78
9	Constitutive expression of small heat shock proteins in vegetative tissues of the resurrection plant Craterostigma plantagineum. *Plant Molecular Biology*, **1995**, 29, 1093-9	4.6	85
8	Expression of sunflower low-molecular-weight heat-shock proteins during embryogenesis and persistence after germination: localization and possible functional implications. *Plant Molecular Biology*, **1994**, 25, 479-92	4.6	108
7	Tissue-specific expression of sunflower heat shock proteins in response to water stress. *Plant Journal*, **1993**, 4, 947-958	6.9	61
6	Developmental and environmental concurrent expression of sunflower dry-seed-stored low-molecular-weight heat-shock protein and Lea mRNAs. *Plant Molecular Biology*, **1992**, 19, 781-92	4.6	129
5	Molecular analysis of a phylogenetically conserved carrot gene: developmental and environmental regulation. *Genesis*, **1990**, 11, 65-76		39
4	Most human carcinomas of the exocrine pancreas contain mutant c-K-ras genes. *Cell*, **1988**, 53, 549-54	56.2	1839
3	Activated ras genes in pulmonary carcinoma. *Lung Cancer*, **1988**, 4, 168-170	5.9	1
2	Detection of high incidence of K-ras oncogenes during human colon tumorigenesis. *Nature*, **1987**, 327, 298-303	50.4	954
1	A method to detect and characterize point mutations in transcribed genes: amplification and overexpression of the mutant c-Ki-ras allele in human tumor cells. *Proceedings of the National Academy of Sciences of the United States of America*, **1985**, 82, 7575-9	11.5	269