

Concepcin Almoguera

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Most human carcinomas of the exocrine pancreas contain mutant c-K-ras genes. <i>Cell</i> , 1988 , 53, 549-54	56.2	1839
33	Detection of high incidence of K-ras oncogenes during human colon tumorigenesis. <i>Nature</i> , 1987 , 327, 298-303	50.4	954
32	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. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1985 , 82, 7575-9	11.5	269
31	Developmental and environmental concurrent expression of sunflower dry-seed-stored low-molecular-weight heat-shock protein and Lea mRNAs. <i>Plant Molecular Biology</i> , 1992 , 19, 781-92	4.6	129
30	Improved resistance to controlled deterioration in transgenic seeds. <i>Plant Physiology</i> , 2006 , 142, 1102-1108	3.6	110
29	Expression of sunflower low-molecular-weight heat-shock proteins during embryogenesis and persistence after germination: localization and possible functional implications. <i>Plant Molecular Biology</i> , 1994 , 25, 479-92	4.6	108
28	Constitutive expression of small heat shock proteins in vegetative tissues of the resurrection plant <i>Craterostigma plantagineum</i> . <i>Plant Molecular Biology</i> , 1995 , 29, 1093-9	4.6	85
27	Differential regulation of small heat-shock genes in plants: analysis of a water-stress-inducible and developmentally activated sunflower promoter. <i>Plant Molecular Biology</i> , 1996 , 31, 863-76	4.6	78
26	A seed-specific heat-shock transcription factor involved in developmental regulation during embryogenesis in sunflower. <i>Journal of Biological Chemistry</i> , 2002 , 277, 43866-72	5.4	73
25	Functional interaction between two transcription factors involved in the developmental regulation of a small heat stress protein gene promoter. <i>Plant Physiology</i> , 2005 , 139, 1483-94	6.6	70
24	Hahb-4, a homeobox-leucine zipper gene potentially involved in abscisic acid-dependent responses to water stress in sunflower*. <i>Plant, Cell and Environment</i> , 2002 , 25, 633-640	8.4	68
23	Tissue-specific expression of sunflower heat shock proteins in response to water stress. <i>Plant Journal</i> , 1993 , 4, 947-958	6.9	61
22	Repression by an auxin/indole acetic acid protein connects auxin signaling with heat shock factor-mediated seed longevity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 21908-13	11.5	51
21	Dual regulation of a heat shock promoter during embryogenesis: stage-dependent role of heat shock elements. <i>Plant Journal</i> , 1998 , 13, 437-46	6.9	50
20	The ectopic overexpression of a seed-specific transcription factor, HaHSFA9, confers tolerance to severe dehydration in vegetative organs. <i>Plant Journal</i> , 2008 , 54, 1004-14	6.9	49
19	The HaDREB2 transcription factor enhances basal thermotolerance and longevity of seeds through functional interaction with HaHSFA9. <i>BMC Plant Biology</i> , 2009 , 9, 75	5.3	47
18	A plant small heat shock protein gene expressed during zygotic embryogenesis but noninducible by heat stress. <i>Journal of Biological Chemistry</i> , 1997 , 272, 27470-5	5.4	45

17	Loss of function of the HSFA9 seed longevity program. <i>Plant, Cell and Environment</i> , 2010 , 33, 1408-17	8.4	42
16	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. <i>BMC Plant Biology</i> , 2014 , 14, 56	5.3	40
15	Molecular analysis of a phylogenetically conserved carrot gene: developmental and environmental regulation. <i>Genesis</i> , 1990 , 11, 65-76		39
14	Transcriptional activation of a heat shock gene promoter in sunflower embryos: synergism between ABI3 and heat shock factors. <i>Plant Journal</i> , 1999 , 20, 601-10	6.9	37
13	An imperfect heat shock element and different upstream sequences are required for the seed-specific expression of a small heat shock protein gene. <i>Plant Physiology</i> , 1999 , 121, 723-30	6.6	36
12	Induction of the Hahsp17.7G4 promoter by root-knot nematodes: involvement of heat-shock elements in promoter activity in giant cells. <i>Molecular Plant-Microbe Interactions</i> , 2003 , 16, 1062-8	3.6	29
11	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. <i>Plant Molecular Biology</i> , 2008 , 66, 151-64	4.6	28
10	Selective activation of the developmentally regulated Ha hsp17.6 G1 promoter by heat stress transcription factors. <i>Plant Physiology</i> , 2002 , 129, 1207-15	6.6	24
9	Seed-specific expression patterns and regulation by ABI3 of an unusual late embryogenesis-abundant gene in sunflower. <i>Plant Molecular Biology</i> , 1999 , 39, 615-27	4.6	24
8	Protection of the photosynthetic apparatus from extreme dehydration and oxidative stress in seedlings of transgenic tobacco. <i>PLoS ONE</i> , 2012 , 7, e51443	3.7	14
7	Heat shock transcription factors involved in seed desiccation tolerance and longevity retard vegetative senescence in transgenic tobacco. <i>Planta</i> , 2015 , 242, 461-75	4.7	13
6	A passive repression mechanism that hinders synergic transcriptional activation by heat shock factors involved in sunflower seed longevity. <i>Molecular Plant</i> , 2014 , 7, 256-9	14.4	10
5	SUMO-Dependent Synergism Involving Heat Shock Transcription Factors with Functions Linked to Seed Longevity and Desiccation Tolerance. <i>Frontiers in Plant Science</i> , 2017 , 8, 974	6.2	5
4	Reversible heat-induced inactivation of chimeric beta-glucuronidase in transgenic plants. <i>Plant Physiology</i> , 2002 , 129, 333-41	6.6	5
3	Seed-specific transcription factor HSFA9 links late embryogenesis and early photomorphogenesis. <i>Journal of Experimental Botany</i> , 2017 , 68, 1097-1108	7	4
2	Heat Stress Factors Expressed during Seed Maturation Differentially Regulate Seed Longevity and Seedling Greening. <i>Plants</i> , 2020 , 9,	4.5	4
1	Activated ras genes in pulmonary carcinoma. <i>Lung Cancer</i> , 1988 , 4, 168-170	5.9	1