Javier Paz-Ares

List of Publications by Year
in descending order

#	Article	IF	Citations
1	A reciprocal inhibitory module for Pi and iron signaling. Molecular Plant, 2022, 15, 138-150.	8.3	43
2	Plant adaptation to low phosphorus availability: Core signaling, crosstalks, and applied implications. Molecular Plant, 2022, 15, 104-124.	8.3	70
3	KISS ME DEADLY F-box proteins modulate cytokinin responses by targeting the transcription factor TCP14 for degradation. Plant Physiology, 2021, 185, 1495-1499.	4.8	3
4	Arsenite provides a selective signal that coordinates arsenate uptake and detoxification through the regulation of PHR1 stability in Arabidopsis. Molecular Plant, 2021, 14, 1489-1507.	8.3	21
5	Arabidopsis ALIX Regulates Stomatal Aperture and Turnover of Abscisic Acid Receptors. Plant Cell, 2019, 31, 2411-2429.	6.6	40
6	When nitrate and phosphate sensors meet. Nature Plants, 2019, 5, 339-340.	9.3	17
7	Novel signals in the regulation of Pi starvation responses in plants: facts and promises. Current Opinion in Plant Biology, 2017, 39, 40-49.	7.1	149
8	Root microbiota drive direct integration of phosphate stress and immunity. Nature, 2017, 543, 513-518.	27.8	669
9	Cytokinin determines thiol-mediated arsenic tolerance and accumulation in Arabidopsis thaliana. Plant Physiology, 2016, 171, pp.00372.2016.	4.8	43
10	Genome expansion of Arabis alpina linked with retrotransposition and reduced symmetric DNA methylation. Nature Plants, 2015, 1, 14023.	9.3	156
11	The Rice CK2 Kinase Regulates Trafficking of Phosphate Transporters in Response to Phosphate Levels. Plant Cell, 2015, 27, 711-723.	6.6	120
12	<i>Arabidopsis</i> ALIX is required for the endosomal localization of the deubiquitinating enzyme AMSH3. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E5543-51.	7.1	56
13	ESCRT-III-Associated Protein ALIX Mediates High-Affinity Phosphate Transporter Trafficking to Maintain Phosphate Homeostasis in Arabidopsis. Plant Cell, 2015, 27, 2560-2581.	6.6	81
14	Endogenous Arabidopsis messenger RNAs transported to distant tissues. Nature Plants, 2015, 1, 15025.	9.3	331
15	The <scp>TRANSPLANTA</scp> collection of <scp>A</scp>rabidopsis lines: a resource for functional analysis of transcription factors based on their conditional overexpression. Plant Journal, 2014, 77, 944-953.	5.7	104
16	Multiâ€gene silencing in Arabidopsis: a collection of artificial micro<scp>RNA</scp>s targeting groups of paralogs encoding transcription factors. Plant Journal, 2014, 80, 149-160.	5.7	27
17	Natural variation in arsenate tolerance identifies an arsenate reductase in Arabidopsis thaliana. Nature Communications, 2014, 5, 4617.	12.8	136
18	SPX1 is a phosphate-dependent inhibitor of PHOSPHATE STARVATION RESPONSE 1 in <i>Arabidopsis</i>. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 14947-14952.	7.1	372

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19	Targeted Degradation of Abscisic Acid Receptors Is Mediated by the Ubiquitin Ligase Substrate Adaptor DDA1 in <i>Arabidopsis</i>. Plant Cell, 2014, 26, 712-728.	6.6	186
20	Proteomics identifies ubiquitinâ€“proteasome targets and new roles for chromatin-remodeling in the Arabidopsis response to phosphate starvation. Journal of Proteomics, 2013, 94, 1-22.	2.4	28
21	Roles of Ubiquitination in the Control of Phosphate Starvation Responses in Plants^F. Journal of Integrative Plant Biology, 2013, 55, 40-53.	8.5	31
22	WRKY6 Transcription Factor Restricts Arsenate Uptake and Transposon Activation in <i>Arabidopsis</i>. Plant Cell, 2013, 25, 2944-2957.	6.6	176
23	Role of Actin Cytoskeleton in Brassinosteroid Signaling and in Its Integration with the Auxin Response in Plants. Developmental Cell, 2012, 22, 1275-1285.	7.0	127
24	ceRNAs: miRNA Target Mimic Mimics. Cell, 2011, 147, 1431-1432.	28.9	54
25	The<i>Arabidopsis</i>bHLH Transcription Factors MYC3 and MYC4 Are Targets of JAZ Repressors and Act Additively with MYC2 in the Activation of Jasmonate Responses Â. Plant Cell, 2011, 23, 701-715.	6.6	906
26	<i>Arabidopsis thaliana</i> High-Affinity Phosphate Transporters Exhibit Multiple Levels of Posttranslational Regulation Â. Plant Cell, 2011, 23, 1523-1535.	6.6	218
27	Speeding Cis-Trans Regulation Discovery by Phylogenomic Analyses Coupled with Screenings of an Arrayed Library of Arabidopsis Transcription Factors. PLoS ONE, 2011, 6, e21524.	2.5	78
28	Dissection of local and systemic transcriptional responses to phosphate starvation in Arabidopsis. Plant Journal, 2010, 64, 775-789.	5.7	293
29	A Central Regulatory System Largely Controls Transcriptional Activation and Repression Responses to Phosphate Starvation in Arabidopsis. PLoS Genetics, 2010, 6, e1001102.	3.5	583
30	A Collection of Target Mimics for Comprehensive Analysis of MicroRNA Function in Arabidopsis thaliana. PLoS Genetics, 2010, 6, e1001031.	3.5	339
31	Plant hormones and nutrient signaling. Plant Molecular Biology, 2009, 69, 361-373.	3.9	290
32	A Mutant of the Arabidopsis Phosphate Transporter PHT1;1 Displays Enhanced Arsenic Accumulation. Plant Cell, 2007, 19, 1123-1133.	6.6	295
33	Target mimicry provides a new mechanism for regulation of microRNA activity. Nature Genetics, 2007, 39, 1033-1037.	21.4	1,845
34	PHOSPHATE TRANSPORTER TRAFFIC FACILITATOR1 Is a Plant-Specific SEC12-Related Protein That Enables the Endoplasmic Reticulum Exit of a High-Affinity Phosphate Transporter in Arabidopsis Â[W]. Plant Cell, 2005, 17, 3500-3512.	6.6	285
35	Interaction between Phosphate-Starvation, Sugar, and Cytokinin Signaling in Arabidopsis and the Roles of Cytokinin Receptors CRE1/AHK4 and AHK3. Plant Physiology, 2005, 138, 847-857.	4.8	261
36	The transcriptional control of plant responses to phosphate limitation. Journal of Experimental Botany, 2004, 55, 285-293.	4.8	232

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37	Versatile Gene-Specific Sequence Tags for Arabidopsis Functional Genomics: Transcript Profiling and Reverse Genetics Applications. Genome Research, 2004, 14, 2176-2189.	5.5	282
38	Interallelic complementation at theArabidopsis CRE1locus uncovers independent pathways for the proliferation of vascular initials and canonical cytokinin signalling. Plant Journal, 2004, 38, 70-79.	5.7	38
39	CATMA: a complete Arabidopsis GST database. Nucleic Acids Research, 2003, 31, 156-158.	14.5	133
40	REGIA, An EU Project on Functional Genomics of Transcription Factors fromArabidopsis thaliana. Comparative and Functional Genomics, 2002, 3, 102-108.	2.0	69
41	Mutations atCRE1impair cytokinin-induced repression of phosphate starvation responses inArabidopsis. Plant Journal, 2002, 32, 353-360.	5.7	165
42	A conserved MYB transcription factor involved in phosphate starvation signaling both in vascular plants and in unicellular algae. Genes and Development, 2001, 15, 2122-2133.	5.9	1,087
43	Influence of cytokinins on the expression of phosphate starvation responsive genes in Arabidopsis. Plant Journal, 2000, 24, 559-567.	5.7	366
44	Function Search in a Large Transcription Factor Gene Family in Arabidopsis: Assessing the Potential of Reverse Genetics to Identify Insertional Mutations in R2R3 MYB Genes. Plant Cell, 1999, 11, 1827-1840.	6.6	151
45	A type 5 acid phosphatase gene from Arabidopsis thaliana is induced by phosphate starvation and by some other types of phosphate mobilising/oxidative stress conditions. Plant Journal, 1999, 19, 579-589.	5.7	286
46	Function Search in a Large Transcription Factor Gene Family in Arabidopsis: Assessing the Potential of Reverse Genetics to Identify Insertional Mutations in R2R3 MYB Genes. Plant Cell, 1999, 11, 1827.	6.6	13
47	Towards functional characterisation of the members of theR2R3-MYBgene family fromArabidopsis thaliana. Plant Journal, 1998, 16, 263-276.	5.7	554
48	A Single Residue Substitution Causes a Switch from the Dual DNA Binding Specificity of Plant Transcription Factor MYB.Ph3 to the Animal c-MYB Specificity. Journal of Biological Chemistry, 1997, 272, 2889-2895.	3.4	44
49	MYB transcription factors in plants. Trends in Genetics, 1997, 13, 67-73.	6.7	524
50	Bacterial expression of an active class Ib chitinase from Castanea sativa cotyledons. Plant Molecular Biology, 1996, 32, 1171-1176.	3.9	24
51	MYB.Ph3 transcription factor from Petunia hybrida induces similar DNA-bending/distortions on its two types of binding site. Plant Journal, 1995, 8, 673-682.	5.7	23
52	Petunia hybrida genes related to the maize regulatory C1 gene and to animal myb proto-oncogenes. Plant Journal, 1993, 3, 553-562.	5.7	90
53	Multiple genes are transcribed in Hordeum vulgare and Zea mays that carry the DNA binding domain of the myb oncoproteins. Molecular Genetics and Genomics, 1989, 216, 183-187.	2.4	69
54	A dimeric inhibitor or insect alpha-amylase from barley. Cloning of the cDNA and identification of the protein. FEBS Journal, 1988, 172, 129-134.	0.2	31

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55	Polyadenylation site heterogeneity in mRNA encoding the precursor of the barley toxin Î2-hordothionin. FEBS Letters, 1986, 200, 103-106.	2.8	43
56	Molecular cloning of the <i>c</i> locus of <i>Zea mays</i> : a locus regulating the anthocyanin pathway. EMBO Journal, 1986, 5, 829-833.	7.8	176
57	Cloning and nucleotide sequence of a cDNA encoding the precursor of the barley toxin alpha-hordothionin. FEBS Journal, 1986, 156, 131-135.	0.2	67
58	In vivo and in vitro synthesis of CM-proteins (A-hordeins) from barley (Hordeum vulgare L.). Planta, 1983, 157, 74-80.	3.2	26
59	Inhibition of eukaryotic cell-free protein synthesis by thionins from wheat endosperm. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1983, 740, 52-56.	2.4	20