

Javier Paz-Ares

List of Publications by Year in Descending Order

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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.

59 papers	9,962 citations	40 h-index	59 g-index
59 ext. papers	11,743 ext. citations	11.1 avg, IF	5.53 L-index

#	Paper	IF	Citations
59	Plant adaptation to low phosphorus availability: Core signaling, crosstalks and applied implications.. <i>Molecular Plant</i> , 2021 ,	14.4	5
58	KISS ME DEADLY F-box proteins modulate cytokinin responses by targeting the transcription factor TCP14 for degradation. <i>Plant Physiology</i> , 2021 , 185, 1495-1499	6.6	2
57	A reciprocal inhibitory module for Pi and iron signaling. <i>Molecular Plant</i> , 2021 ,	14.4	2
56	Arsenite provides a selective signal that coordinates arsenate uptake and detoxification through the regulation of PHR1 stability in Arabidopsis. <i>Molecular Plant</i> , 2021 , 14, 1489-1507	14.4	9
55	When nitrate and phosphate sensors meet. <i>Nature Plants</i> , 2019 , 5, 339-340	11.5	12
54	Arabidopsis ALIX Regulates Stomatal Aperture and Turnover of Absciscic Acid Receptors. <i>Plant Cell</i> , 2019 , 31, 2411-2429	11.6	23
53	Novel signals in the regulation of Pi starvation responses in plants: facts and promises. <i>Current Opinion in Plant Biology</i> , 2017 , 39, 40-49	9.9	83
52	Root microbiota drive direct integration of phosphate stress and immunity. <i>Nature</i> , 2017 , 543, 513-518	50.4	369
51	Cytokinin Determines Thiol-Mediated Arsenic Tolerance and Accumulation. <i>Plant Physiology</i> , 2016 , 171, 1418-26	6.6	33
50	The rice CK2 kinase regulates trafficking of phosphate transporters in response to phosphate levels. <i>Plant Cell</i> , 2015 , 27, 711-23	11.6	72
49	Arabidopsis ALIX is required for the endosomal localization of the deubiquitinating enzyme AMSH3. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E5543-51	11.5	40
48	ESCRT-III-Associated Protein ALIX Mediates High-Affinity Phosphate Transporter Trafficking to Maintain Phosphate Homeostasis in Arabidopsis. <i>Plant Cell</i> , 2015 , 27, 2560-81	11.6	65
47	Endogenous Arabidopsis messenger RNAs transported to distant tissues. <i>Nature Plants</i> , 2015 , 1, 15025	11.5	222
46	Genome expansion of Arabis alpina linked with retrotransposition and reduced symmetric DNA methylation. <i>Nature Plants</i> , 2015 , 1, 14023	11.5	121
45	Multi-gene silencing in Arabidopsis: a collection of artificial microRNAs targeting groups of paralogs encoding transcription factors. <i>Plant Journal</i> , 2014 , 80, 149-60	6.9	18
44	Natural variation in arsenate tolerance identifies an arsenate reductase in Arabidopsis thaliana. <i>Nature Communications</i> , 2014 , 5, 4617	17.4	115
43	SPX1 is a phosphate-dependent inhibitor of Phosphate Starvation Response 1 in Arabidopsis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 14947-52	11.5	239

42	Targeted degradation of abscisic acid receptors is mediated by the ubiquitin ligase substrate adaptor DDA1 in Arabidopsis. <i>Plant Cell</i> , 2014 , 26, 712-28	11.6	136
41	The TRANSPLANTA collection of Arabidopsis lines: a resource for functional analysis of transcription factors based on their conditional overexpression. <i>Plant Journal</i> , 2014 , 77, 944-53	6.9	61
40	Proteomics identifies ubiquitin-proteasome targets and new roles for chromatin-remodeling in the Arabidopsis response to phosphate starvation. <i>Journal of Proteomics</i> , 2013 , 94, 1-22	3.9	23
39	Roles of ubiquitination in the control of phosphate starvation responses in plants(f). <i>Journal of Integrative Plant Biology</i> , 2013 , 55, 40-53	8.3	27
38	WRKY6 transcription factor restricts arsenate uptake and transposon activation in Arabidopsis. <i>Plant Cell</i> , 2013 , 25, 2944-57	11.6	129
37	Role of actin cytoskeleton in brassinosteroid signaling and in its integration with the auxin response in plants. <i>Developmental Cell</i> , 2012 , 22, 1275-85	10.2	91
36	ceRNAs: miRNA target mimic mimics. <i>Cell</i> , 2011 , 147, 1431-2	56.2	42
35	The Arabidopsis bHLH transcription factors MYC3 and MYC4 are targets of JAZ repressors and act additively with MYC2 in the activation of jasmonate responses. <i>Plant Cell</i> , 2011 , 23, 701-15	11.6	700
34	Arabidopsis thaliana high-affinity phosphate transporters exhibit multiple levels of posttranslational regulation. <i>Plant Cell</i> , 2011 , 23, 1523-35	11.6	158
33	Speeding cis-trans regulation discovery by phylogenomic analyses coupled with screenings of an arrayed library of Arabidopsis transcription factors. <i>PLoS ONE</i> , 2011 , 6, e21524	3.7	61
32	Dissection of local and systemic transcriptional responses to phosphate starvation in Arabidopsis. <i>Plant Journal</i> , 2010 , 64, 775-89	6.9	209
31	A central regulatory system largely controls transcriptional activation and repression responses to phosphate starvation in Arabidopsis. <i>PLoS Genetics</i> , 2010 , 6, e1001102	6	408
30	A collection of target mimics for comprehensive analysis of microRNA function in Arabidopsis thaliana. <i>PLoS Genetics</i> , 2010 , 6, e1001031	6	295
29	Plant hormones and nutrient signaling. <i>Plant Molecular Biology</i> , 2009 , 69, 361-73	4.6	235
28	Target mimicry provides a new mechanism for regulation of microRNA activity. <i>Nature Genetics</i> , 2007 , 39, 1033-7	36.3	1445
27	A mutant of the Arabidopsis phosphate transporter PHT1;1 displays enhanced arsenic accumulation. <i>Plant Cell</i> , 2007 , 19, 1123-33	11.6	246
26	Interaction between phosphate-starvation, sugar, and cytokinin signaling in Arabidopsis and the roles of cytokinin receptors CRE1/AHK4 and AHK3. <i>Plant Physiology</i> , 2005 , 138, 847-57	6.6	234
25	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. <i>Plant Cell</i> , 2005 , 17, 3500-12	11.6	221

24	The transcriptional control of plant responses to phosphate limitation. <i>Journal of Experimental Botany</i> , 2004 , 55, 285-93	7	203
23	Versatile gene-specific sequence tags for Arabidopsis functional genomics: transcript profiling and reverse genetics applications. <i>Genome Research</i> , 2004 , 14, 2176-89	9.7	265
22	Interallelic complementation at the Arabidopsis CRE1 locus uncovers independent pathways for the proliferation of vascular initials and canonical cytokinin signalling. <i>Plant Journal</i> , 2004 , 38, 70-9	6.9	32
21	CATMA: a complete Arabidopsis GST database. <i>Nucleic Acids Research</i> , 2003 , 31, 156-8	20.1	126
20	REGIA, an EU project on functional genomics of transcription factors from Arabidopsis Thaliana. <i>Comparative and Functional Genomics</i> , 2002 , 3, 102-8		60
19	Mutations at CRE1 impair cytokinin-induced repression of phosphate starvation responses in Arabidopsis. <i>Plant Journal</i> , 2002 , 32, 353-60	6.9	149
18	A conserved MYB transcription factor involved in phosphate starvation signaling both in vascular plants and in unicellular algae. <i>Genes and Development</i> , 2001 , 15, 2122-33	12.6	858
17	Influence of cytokinins on the expression of phosphate starvation responsive genes in Arabidopsis. <i>Plant Journal</i> , 2000 , 24, 559-67	6.9	315
16	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. <i>Plant Cell</i> , 1999 , 11, 1827-40	11.6	139
15	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. <i>Plant Journal</i> , 1999 , 19, 579-89	6.9	243
14	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. <i>Plant Cell</i> , 1999 , 11, 1827	11.6	2
13	Towards functional characterisation of the members of the R2R3-MYB gene family from Arabidopsis thaliana. <i>Plant Journal</i> , 1998 , 16, 263-76	6.9	467
12	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. <i>Journal of Biological Chemistry</i> , 1997 , 272, 2889-95	5.4	39
11	MYB transcription factors in plants. <i>Trends in Genetics</i> , 1997 , 13, 67-73	8.5	440
10	Bacterial expression of an active class Ib chitinase from Castanea sativa cotyledons. <i>Plant Molecular Biology</i> , 1996 , 32, 1171-6	4.6	23
9	MYB.Ph3 transcription factor from Petunia hybrida induces similar DNA-bending/distortions on its two types of binding site. <i>Plant Journal</i> , 1995 , 8, 673-82	6.9	21
8	Petunia hybrida genes related to the maize regulatory C1 gene and to animal myb proto-oncogenes. <i>Plant Journal</i> , 1993 , 3, 553-62	6.9	73
7	Multiple genes are transcribed in Hordeum vulgare and Zea mays that carry the DNA binding domain of the myb oncoproteins. <i>Molecular Genetics and Genomics</i> , 1989 , 216, 183-7		61

6	A dimeric inhibitor of insect alpha-amylase from barley. Cloning of the cDNA and identification of the protein. <i>FEBS Journal</i> , 1988 , 172, 129-34		29
5	Cloning and nucleotide sequence of a cDNA encoding the precursor of the barley toxin alpha-hordothionin. <i>FEBS Journal</i> , 1986 , 156, 131-5		60
4	Polyadenylation site heterogeneity in mRNA encoding the precursor of the barley toxin Hordothionin. <i>FEBS Letters</i> , 1986 , 200, 103-106	3.8	41
3	Molecular cloning of the c locus of Zea mays : a locus regulating the anthocyanin pathway. <i>EMBO Journal</i> , 1986 , 5, 829-833	13	122
2	In vivo and in vitro synthesis of CM-proteins (A-hordeins) from barley (<i>Hordeum vulgare</i> L.). <i>Planta</i> , 1983 , 157, 74-80	4.7	25
1	Inhibition of eukaryotic cell-free protein synthesis by thionins from wheat endosperm. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1983 , 740, 52-56		18