Jorge Lozano-Juste

List of Publications by Year
in descending order

32	2,123	394421 19	477307 29
papers	citations	h-index	g-index

35	35	35	2886
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	PYL1- and PYL8-like ABA Receptors of Nicotiana benthamiana Play a Key Role in ABA Response in Seed and Vegetative Tissue. Cells, 2022, 11, 795.	4.1	5
2	Evaluation of the Anti-transpirant Activity of ABA Receptor Agonists in Monocot and Eudicot Plants. Methods in Molecular Biology, 2022, 2494, 229-238.	0.9	0
3	PYL8 ABA receptors ofPhoenix dactyliferaplay a crucial role in response to abiotic stress and are stabilized by ABA. Journal of Experimental Botany, 2021, 72, 757-774.	4.8	10
4	A Luciferase Reporter Assay to Identify Chemical Activators of ABA Signaling. Methods in Molecular Biology, 2021, 2213, 113-121.	0.9	2
5	Identification of ABA Receptor Using aÂMultiplexed Chemical Screening. Methods in Molecular Biology, 2021, 2213, 99-111.	0.9	1
6	An Update on Crop ABA Receptors. Plants, 2021, 10, 1087.	3.5	15
7	Ubiquitylation of ABA Receptors and Protein Phosphatase 2C Coreceptors to Modulate ABA Signaling and Stress Response. International Journal of Molecular Sciences, 2021, 22, 7103.	4.1	14
8	RBR-Type E3 Ligases and the Ubiquitin-Conjugating Enzyme UBC26 Regulate Abscisic Acid Receptor Levels and Signaling. Plant Physiology, 2020, 182, 1723-1742.	4.8	33
9	Drug Discovery for Thirsty Crops. Trends in Plant Science, 2020, 25, 844-846.	8.8	9
10	Plant Osmotic Stress Signaling: MAPKKKs Meet SnRK2s. Trends in Plant Science, 2020, 25, 1179-1182.	8.8	35
11	The MATH-BTB BPM3 and BPM5 subunits of Cullin3-RING E3 ubiquitin ligases target PP2CA and other clade A PP2Cs for degradation. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15725-15734.	7.1	56
12	PYR/PYL/RCAR ABA receptors. Advances in Botanical Research, 2019, , 51-82.	1.1	23
13	The fungal sesquiterpenoid pyrenophoric acid B uses the plant ABA biosynthetic pathway to inhibit seed germination. Journal of Experimental Botany, 2019, 70, 5487-5494.	4.8	7
14	PYL8 mediates ABA perception in the root through non-cell-autonomous and ligand-stabilizationâ€“based mechanisms. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E11857-E11863.	7.1	46
15	A Rationally Designed Agonist Defines Subfamily IIIA Abscisic Acid Receptors As Critical Targets for Manipulating Transpiration. ACS Chemical Biology, 2017, 12, 2842-2848.	3.4	57
16	Structure of Ligand-Bound Intermediates of Crop ABA Receptors HighlightsÂPP2C as Necessary ABA Co-receptor. Molecular Plant, 2017, 10, 1250-1253.	8.3	49
17	Preâ€<scp>mRNA</scp> splicing repression triggers abiotic stress signaling in plants. Plant Journal, 2017, 89, 291-309.	5.7	68
18	Hormone signalling: ABA has a breakdown. Nature Plants, 2016, 2, 16137.	9.3	6

#	Article	IF	Citations
19	Unnatural agrochemical ligands for engineered abscisic acid receptors. Trends in Plant Science, 2015, 20, 330-332.	8.8	10
20	Inactivation of PYR/PYL/RCAR ABA receptors by tyrosine nitration may enable rapid inhibition of ABA signaling by nitric oxide in plants. Science Signaling, 2015, 8, ra89.	3.6	129
21	Plant genome engineering in full bloom. Trends in Plant Science, 2014, 19, 284-287.	8.8	83
22	Nitric Oxide Sensing in Plants Is Mediated by Proteolytic Control of Group VII ERF Transcription Factors. Molecular Cell, 2014, 53, 369-379.	9.7	312
23	Diverse functional interactions between nitric oxide and abscisic acid in plant development and responses to stress. Journal of Experimental Botany, 2014, 65, 907-921.	4.8	114
24	Potent and selective activation of abscisic acid receptors in vivo by mutational stabilization of their agonist-bound conformation. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 20838-20843.	7.1	89
25	In vivo protein tyrosine nitration in Arabidopsis thaliana. Journal of Experimental Botany, 2011, 62, 3501-3517.	4.8	194
26	Nitric Oxide Regulates DELLA Content and PIF Expression to Promote Photomorphogenesis in Arabidopsis Â. Plant Physiology, 2011, 156, 1410-1423.	4.8	126
27	Inhibition of Arabidopsis O-Acetylserine(thiol)lyase A1 by Tyrosine Nitration. Journal of Biological Chemistry, 2011, 286, 578-586.	3.4	58
28	Involvement of nitric oxide and auxin in signal transduction of copper-induced morphological responses in Arabidopsis seedlings. Annals of Botany, 2011, 108, 449-457.	2.9	117
29	Enhanced Abscisic Acid-Mediated Responses innia1nia2noa1-2Triple Mutant Impaired in NIA/NR- and AtNOA1-Dependent Nitric Oxide Biosynthesis in Arabidopsis. Plant Physiology, 2010, 152, 891-903.	4.8	219
30	Nitric oxide modulates sensitivity to ABA. Plant Signaling and Behavior, 2010, 5, 314-316.	2.4	25
31	Histone H2A.Z and homologues of components of the SWR1 complex are required to control immunity in Arabidopsis. Plant Journal, 2008, 53, 475-487.	5.7	209
32	Structure-Based Modulation of the Ligand Sensitivity of a Tomato Dimeric Abscisic Acid Receptor Through a Glu to Asp Mutation in the Latch Loop. Frontiers in Plant Science, 0, 13, .	3.6	2