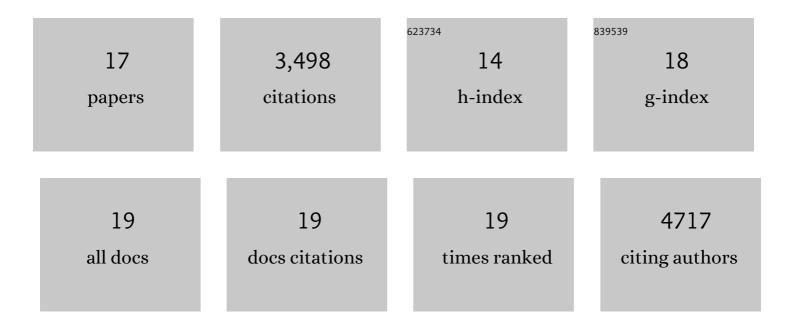
Luz Irina A CalderÃ³n Villalobos

List of Publications by Year in descending order

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Luz Irina A CalderÃ³n

#	Article	IF	CITATIONS
1	Mechanism of auxin perception by the TIR1 ubiquitin ligase. Nature, 2007, 446, 640-645.	27.8	1,367
2	Plant hormones are versatile chemical regulators of plant growth. Nature Chemical Biology, 2009, 5, 301-307.	8.0	686
3	A combinatorial TIR1/AFB–Aux/IAA co-receptor system for differential sensing of auxin. Nature Chemical Biology, 2012, 8, 477-485.	8.0	490
4	The Chara Genome: Secondary Complexity and Implications for Plant Terrestrialization. Cell, 2018, 174, 448-464.e24.	28.9	420
5	Cullin-containing E3 ubiquitin ligases in plant development. Current Opinion in Plant Biology, 2004, 7, 677-686.	7.1	71
6	Rate Motifs Tune Auxin/Indole-3-Acetic Acid Degradation Dynamics. Plant Physiology, 2015, 169, 803-813.	4.8	65
7	Auxin-induced degradation dynamics set the pace for lateral root development. Development (Cambridge), 2015, 142, 905-9.	2.5	57
8	Variation in auxin sensing guides AUX/IAA transcriptional repressor ubiquitylation and destruction. Nature Communications, 2017, 8, 15706.	12.8	56
9	Solution structure of the PsIAA4 oligomerization domain reveals interaction modes for transcription factors in early auxin response. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 6230-6235.	7.1	52
10	The evolutionarily conserved Arabidopsis thaliana F-box protein AtFBP7 is required for efficient translation during temperature stress. Gene, 2007, 392, 106-116.	2.2	50
11	Regulation of SCFTIR1/AFBs E3 ligase assembly by S-nitrosylation of ArabidopsisÂSKP1-like1 impacts on auxin signaling. Redox Biology, 2018, 18, 200-210.	9.0	48
12	Structural Biology of Nuclear Auxin Action. Trends in Plant Science, 2016, 21, 302-316.	8.8	45
13	Flexibility of intrinsically disordered degrons in AUX/IAA proteins reinforces auxin co-receptor assemblies. Nature Communications, 2020, 11, 2277.	12.8	38
14	The <i>Arabidopsis</i> <scp>ALF</scp> 4 protein is a regulator of <scp>SCF</scp> E3 ligases. EMBO Journal, 2018, 37, 255-268.	7.8	30
15	Radioligand Binding Assays for Determining Dissociation Constants of Phytohormone Receptors. Methods in Molecular Biology, 2016, 1450, 23-34.	0.9	8
16	Plant proteostasis – shaping the proteome: a research community aiming to understand molecular mechanisms that control protein abundance. New Phytologist, 2020, 227, 1028-1033.	7.3	7
17	S-Nitrosation of E3 Ubiquitin Ligase Complex Components Regulates Hormonal Signalings in Arabidopsis. Frontiers in Plant Science, 2021, 12, 794582.	3.6	6