

# MariaJ Iglesias

## List of Publications by Citations

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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.

16  
papers

759  
citations

12  
h-index

17  
g-index

17  
ext. papers

899  
ext. citations

5.4  
avg, IF

3.73  
L-index

#	Paper	IF	Citations
16	Nitric oxide influences auxin signaling through S-nitrosylation of the Arabidopsis TRANSPORT INHIBITOR RESPONSE 1 auxin receptor. <i>Plant Journal</i> , <b>2012</b> , 70, 492-500	6.9	248
15	Auxin signaling participates in the adaptative response against oxidative stress and salinity by interacting with redox metabolism in Arabidopsis. <i>Plant Molecular Biology</i> , <b>2010</b> , 74, 215-22	4.6	121
14	MiR393 regulation of auxin signaling and redox-related components during acclimation to salinity in Arabidopsis. <i>PLoS ONE</i> , <b>2014</b> , 9, e107678	3.7	85
13	Auxin and salicylic acid signalings counteract the regulation of adaptive responses to stress. <i>Plant Signaling and Behavior</i> , <b>2011</b> , 6, 452-4	2.5	54
12	Extracellular ATP, nitric oxide and superoxide act coordinately to regulate hypocotyl growth in etiolated Arabidopsis seedlings. <i>Journal of Plant Physiology</i> , <b>2010</b> , 167, 540-6	3.6	48
11	Rewiring of auxin signaling under persistent shade. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 5612-5617	11.5	34
10	The analysis of an Arabidopsis triple knock-down mutant reveals functions for MBF1 genes under oxidative stress conditions. <i>Journal of Plant Physiology</i> , <b>2010</b> , 167, 194-200	3.6	33
9	Multiple links between shade avoidance and auxin networks. <i>Journal of Experimental Botany</i> , <b>2018</b> , 69, 213-228	7	32
8	Regulation of SCF E3 ligase assembly by S-nitrosylation of Arabidopsis ICKP1-like1 impacts on auxin signaling. <i>Redox Biology</i> , <b>2018</b> , 18, 200-210	11.3	22
7	Functions of S-nitrosylation in plant hormone networks. <i>Frontiers in Plant Science</i> , <b>2013</b> , 4, 294	6.2	19
6	Chitosan microparticles improve tomato seedling biomass and modulate hormonal, redox and defense pathways. <i>Plant Physiology and Biochemistry</i> , <b>2019</b> , 143, 203-211	5.4	16
5	MBF1s regulate ABA-dependent germination of Arabidopsis seeds. <i>Plant Signaling and Behavior</i> , <b>2012</b> , 7, 188-92	2.5	13
4	Salicylic acid loaded chitosan microparticles applied to lettuce seedlings: Recycling shrimp fishing industry waste. <i>Carbohydrate Polymers</i> , <b>2018</b> , 200, 321-331	10.3	12
3	Extracellular ATP and nitric oxide signaling pathways regulate redox-dependent responses associated to root hair growth in etiolated Arabidopsis seedlings. <i>Plant Signaling and Behavior</i> , <b>2010</b> , 5, 698-701	2.5	10
2	Enhanced Properties of Chitosan Microparticles over Bulk Chitosan on the Modulation of the Auxin Signaling Pathway with Beneficial Impacts on Root Architecture in Plants. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 6911-6920	5.7	9
1	FIGHTING AGAINST PLANT SALINE STRESS: DEVELOPMENT OF A NOVEL BIOACTIVE COMPOSITE BASED ON BENTONITE AND L-PROLINE. <i>Clays and Clay Minerals</i> , <b>2021</b> , 69, 232-242	2.1	3