MariaJ Iglesias

List of Publications by Year in Descending Order

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	FIGHTING AGAINST PLANT SALINE STRESS: DEVELOPMENT OF A NOVEL BIOACTIVE COMPOSITE BASED ON BENTONITE AND L-PROLINE. *Clays and Clay Minerals*, **2021**, 69, 232-242	2.1	3
15	Chitosan microparticles improve tomato seedling biomass and modulate hormonal, redox and defense pathways. *Plant Physiology and Biochemistry*, **2019**, 143, 203-211	5.4	16
14	Enhanced Properties of Chitosan Microparticles over Bulk Chitosan on the Modulation of the Auxin Signaling Pathway with Beneficial Impacts on Root Architecture in Plants. *Journal of Agricultural and Food Chemistry*, **2019**, 67, 6911-6920	5.7	9
13	Multiple links between shade avoidance and auxin networks. *Journal of Experimental Botany*, **2018**, 69, 213-228	7	32
12	Rewiring of auxin signaling under persistent shade. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 5612-5617	11.5	34
11	Regulation of SCF E3 ligase assembly by S-nitrosylation of Arabidopsis SKP1-like1 impacts on auxin signaling. *Redox Biology*, **2018**, 18, 200-210	11.3	22
10	Salicylic acid loaded chitosan microparticles applied to lettuce seedlings: Recycling shrimp fishing industry waste. *Carbohydrate Polymers*, **2018**, 200, 321-331	10.3	12
9	MiR393 regulation of auxin signaling and redox-related components during acclimation to salinity in Arabidopsis. *PLoS ONE*, **2014**, 9, e107678	3.7	85
8	Functions of S-nitrosylation in plant hormone networks. *Frontiers in Plant Science*, **2013**, 4, 294	6.2	19
7	Nitric oxide influences auxin signaling through S-nitrosylation of the Arabidopsis TRANSPORT INHIBITOR RESPONSE 1 auxin receptor. *Plant Journal*, **2012**, 70, 492-500	6.9	248
6	MBF1s regulate ABA-dependent germination of Arabidopsis seeds. *Plant Signaling and Behavior*, **2012**, 7, 188-92	2.5	13
5	Auxin and salicylic acid signalings counteract the regulation of adaptive responses to stress. *Plant Signaling and Behavior*, **2011**, 6, 452-4	2.5	54
4	Extracellular ATP and nitric oxide signaling pathways regulate redox-dependent responses associated to root hair growth in etiolated Arabidopsis seedlings. *Plant Signaling and Behavior*, **2010**, 5, 698-701	2.5	10
3	The analysis of an Arabidopsis triple knock-down mutant reveals functions for MBF1 genes under oxidative stress conditions. *Journal of Plant Physiology*, **2010**, 167, 194-200	3.6	33
2	Extracellular ATP, nitric oxide and superoxide act coordinately to regulate hypocotyl growth in etiolated Arabidopsis seedlings. *Journal of Plant Physiology*, **2010**, 167, 540-6	3.6	48
1	Auxin signaling participates in the adaptative response against oxidative stress and salinity by interacting with redox metabolism in Arabidopsis. *Plant Molecular Biology*, **2010**, 74, 215-22	4.6	121