MariaJ Iglesias

List of Publications by Year
in descending order

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17 papers	1,043 citations	687363 13 h-index	940533 16 g-index
17 all docs	17 docs citations	17 times ranked	1514 citing authors

#	Article	IF	Citations
1	Nitric oxide influences auxin signaling through Sâ€nitrosylation of the Arabidopsis TRANSPORT INHIBITOR RESPONSE 1 auxin receptor. Plant Journal, 2012, 70, 492-500.	5.7	305
2	Auxin signaling participates in the adaptative response against oxidative stress and salinity by interacting with redox metabolism in Arabidopsis. Plant Molecular Biology, 2010, 74, 215-222.	3.9	163
3	MiR393 Regulation of Auxin Signaling and Redox-Related Components during Acclimation to Salinity in Arabidopsis. PLoS ONE, 2014, 9, e107678.	2.5	127
4	Auxin and salicylic acid signalings counteract the regulation of adaptive responses to stress. Plant Signaling and Behavior, 2011, 6, 452-454.	2.4	71
5	Rewiring of auxin signaling under persistent shade. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5612-5617.	7.1	61
6	Multiple links between shade avoidance and auxin networks. Journal of Experimental Botany, 2018, 69, 213-228.	4.8	55
7	Extracellular ATP, nitric oxide and superoxide act coordinately to regulate hypocotyl growth in etiolated Arabidopsis seedlings. Journal of Plant Physiology, 2010, 167, 540-546.	3.5	54
8	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
9	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.	3.5	41
10	Chitosan microparticles improve tomato seedling biomass and modulate hormonal, redox and defense pathways. Plant Physiology and Biochemistry, 2019, 143, 203-211.	5.8	29
11	Functions of S-nitrosylation in plant hormone networks. Frontiers in Plant Science, 2013, 4, 294.	3.6	22
12	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.	5.2	20
13	MBF1s regulate ABA-dependent germination of Arabidopsis seeds. Plant Signaling and Behavior, 2012, 7, 188-192.	2.4	17
14	Salicylic acid loaded chitosan microparticles applied to lettuce seedlings: Recycling shrimp fishing industry waste. Carbohydrate Polymers, 2018, 200, 321-331.	10.2	15
15	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.	2.4	11
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.	1.3	4
17	Plant Strategies To Control Growth And Development: Integration Of Both Signal Molecules, Auxin And Nitric Oxide. , 2018, , .		0