

MariaJ Iglesias

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,043
citations

687220

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940416

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docs citations

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times ranked

1514
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitric oxide influences auxin signaling through S-nitrosylation of the Arabidopsis TRANSPORT INHIBITOR RESPONSE 1 auxin receptor. <i>Plant Journal</i> , 2012, 70, 492-500.	2.8	305
2	Auxin signaling participates in the adaptative response against oxidative stress and salinity by interacting with redox metabolism in Arabidopsis. <i>Plant Molecular Biology</i> , 2010, 74, 215-222.	2.0	163
3	MiR393 Regulation of Auxin Signaling and Redox-Related Components during Acclimation to Salinity in Arabidopsis. <i>PLoS ONE</i> , 2014, 9, e107678.	1.1	127
4	Auxin and salicylic acid signalings counteract the regulation of adaptive responses to stress. <i>Plant Signaling and Behavior</i> , 2011, 6, 452-454.	1.2	71
5	Rewiring of auxin signaling under persistent shade. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 5612-5617.	3.3	61
6	Multiple links between shade avoidance and auxin networks. <i>Journal of Experimental Botany</i> , 2018, 69, 213-228.	2.4	55
7	Extracellular ATP, nitric oxide and superoxide act coordinately to regulate hypocotyl growth in etiolated Arabidopsis seedlings. <i>Journal of Plant Physiology</i> , 2010, 167, 540-546.	1.6	54
8	Regulation of SCFTIR1/AFBs E3 ligase assembly by S-nitrosylation of ArabidopsisASKP1-like1 impacts on auxin signaling. <i>Redox Biology</i> , 2018, 18, 200-210.	3.9	48
9	The analysis of an Arabidopsis triple knock-down mutant reveals functions for MBF1 genes under oxidative stress conditions. <i>Journal of Plant Physiology</i> , 2010, 167, 194-200.	1.6	41
10	Chitosan microparticles improve tomato seedling biomass and modulate hormonal, redox and defense pathways. <i>Plant Physiology and Biochemistry</i> , 2019, 143, 203-211.	2.8	29
11	Functions of S-nitrosylation in plant hormone networks. <i>Frontiers in Plant Science</i> , 2013, 4, 294.	1.7	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. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 6911-6920.	2.4	20
13	MBF1s regulate ABA-dependent germination of Arabidopsis seeds. <i>Plant Signaling and Behavior</i> , 2012, 7, 188-192.	1.2	17
14	Salicylic acid loaded chitosan microparticles applied to lettuce seedlings: Recycling shrimp fishing industry waste. <i>Carbohydrate Polymers</i> , 2018, 200, 321-331.	5.1	15
15	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> , 2010, 5, 698-701.	1.2	11
16	FIGHTING AGAINST PLANT SALINE STRESS: DEVELOPMENT OF A NOVEL BIOACTIVE COMPOSITE BASED ON BENTONITE AND L-PROLINE. <i>Clays and Clay Minerals</i> , 2021, 69, 232-242.	0.6	4
17	Plant Strategies To Control Growth And Development: Integration Of Both Signal Molecules, Auxin And Nitric Oxide. , 2018, , .		0