

Albino Maggio

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.

24
papers

1,491
citations

16
h-index

24
g-index

24
ext. papers

1,741
ext. citations

4.5
avg, IF

4.37
L-index

#	Paper	IF	Citations
24	The role of biostimulants and bioeffectors as alleviators of abiotic stress in crop plants. <i>Chemical and Biological Technologies in Agriculture</i> , 2017 , 4,	4.4	297
23	Does proline accumulation play an active role in stress-induced growth reduction?. <i>Plant Journal</i> , 2002 , 31, 699-712	6.9	274
22	Stress signaling through Ca ²⁺ /calmodulin-dependent protein phosphatase calcineurin mediates salt adaptation in plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 9681-6	11.5	187
21	Contrasting Effects of GA3 Treatments on Tomato Plants Exposed to Increasing Salinity. <i>Journal of Plant Growth Regulation</i> , 2010 , 29, 63-72	4.7	132
20	Comparative analysis of the regulation of expression and structures of two evolutionarily divergent genes for Delta1-pyrroline-5-carboxylate synthetase from tomato. <i>Plant Physiology</i> , 1998 , 118, 661-74	6.6	96
19	Stomatal density and metabolic determinants mediate salt stress adaptation and water use efficiency in basil (<i>Ocimum basilicum</i> L.). <i>Journal of Plant Physiology</i> , 2012 , 169, 1737-46	3.6	85
18	Osmogenetics: Aristotle to Arabidopsis. <i>Plant Cell</i> , 2006 , 18, 1542-57	11.6	65
17	Increasing Water Use Efficiency in Vegetable Crop Production: From Plant to Irrigation Systems Efficiency. <i>HortTechnology</i> , 2011 , 21, 301-308	1.3	53
16	Root inoculation with <i>Azotobacter chroococcum</i> 76A enhances tomato plants adaptation to salt stress under low N conditions. <i>BMC Plant Biology</i> , 2018 , 18, 205	5.3	50
15	<i>Ascophyllum nodosum</i> -based algal extracts act as enhancers of growth, fruit quality, and adaptation to stress in salinized tomato plants. <i>Journal of Applied Phycology</i> , 2018 , 30, 2675-2686	3.2	47
14	Tissue-specific activation of the osmotin gene by ABA, C ₂ H ₄ and NaCl involves the same promoter region. <i>Plant Molecular Biology</i> , 1997 , 34, 393-402	4.6	40
13	Seasonal and multiannual effects of salinisation on tomato yield and fruit quality. <i>Functional Plant Biology</i> , 2012 , 39, 689-698	2.7	23
12	Biotechnology for mechanisms that counteract salt stress in extremophile species: a genome-based view. <i>Plant Biotechnology Reports</i> , 2013 , 7, 27-37	2.5	22
11	The ascorbic acid cycle mediates signal transduction leading to stress-induced stomatal closure. <i>Functional Plant Biology</i> , 2002 , 29, 845-852	2.7	22
10	Moderately increased constitutive proline does not alter osmotic stress tolerance. <i>Physiologia Plantarum</i> , 1997 , 101, 240-246	4.6	21
9	Biostimulant Activity of <i>Azotobacter chroococcum</i> and <i>Trichoderma harzianum</i> in Durum Wheat under Water and Nitrogen Deficiency. <i>Agronomy</i> , 2021 , 11, 380	3.6	16
8	A Novel Protein Hydrolysate-Based Biostimulant Improves Tomato Performances under Drought Stress. <i>Plants</i> , 2021 , 10,	4.5	14

7	Osmo-Priming with Seaweed Extracts Enhances Yield of Salt-Stressed Tomato Plants. <i>Agronomy</i> , 2020 , 10, 1559	3.6	13
6	Omeprazole Treatment Enhances Nitrogen Use Efficiency Through Increased Nitrogen Uptake and Assimilation in Corn. <i>Frontiers in Plant Science</i> , 2019 , 10, 1507	6.2	12
5	Plant bioregenerative life supports: The Italian CAB Project. <i>Journal of Plant Interactions</i> , 2007 , 2, 125-134	3.8	7
4	Based Extracts Counteract Salinity Stress in Tomato by Remodeling Leaf Nitrogen Metabolism. <i>Plants</i> , 2021 , 10,	4.5	7
3	Omeprazole treatment elicits contrasting responses to salt stress in two basil genotypes. <i>Annals of Applied Biology</i> , 2019 , 174, 329-338	2.6	5
2	Large quantities of recombinant PR-5 proteins from the extracellular matrix of tobacco: Rapid production of microbial-recalcitrant proteins. <i>Plant Molecular Biology Reporter</i> , 1996 , 14, 249-260	1.7	3
1	A Novel Plant-Based Biostimulant Improves Plant Performances under Drought Stress in Tomato. <i>Biology and Life Sciences Forum</i> , 2021 , 4, 52		0