Albino Maggio

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6899509/publications.pdf

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24 papers	2,071 citations	393982 19 h-index	610482 24 g-index
24 all docs	24 docs citations	24 times ranked	2363 citing authors

#	Article	IF	Citations
1	The role of biostimulants and bioeffectors as alleviators of abiotic stress in crop plants. Chemical and Biological Technologies in Agriculture, 2017, 4, .	1.9	494
2	Does proline accumulation play an active role in stress-induced growth reduction?. Plant Journal, 2002, 31, 699-712.	2.8	357
3	Stress signaling through Ca2+/calmodulin-dependent protein phosphatase calcineurin mediates salt adaptation in plants. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 9681-9686.	3.3	202
4	Contrasting Effects of GA3 Treatments on Tomato Plants Exposed to Increasing Salinity. Journal of Plant Growth Regulation, 2010, 29, 63-72.	2.8	168
5	Stomatal density and metabolic determinants mediate salt stress adaptation and water use efficiency in basil (Ocimum basilicum L.). Journal of Plant Physiology, 2012, 169, 1737-1746.	1.6	111
6	Comparative Analysis of the Regulation of Expression and Structures of Two Evolutionarily Divergent Genes for Î”1-Pyrroline-5-Carboxylate Synthetase from Tomato. Plant Physiology, 1998, 118, 661-674.	2.3	108
7	Increasing Water Use Efficiency in Vegetable Crop Production: From Plant to Irrigation Systems Efficiency. HortTechnology, 2011, 21, 301-308.	0.5	87
8	Ascophyllum nodosum-based algal extracts act as enhancers of growth, fruit quality, and adaptation to stress in salinized tomato plants. Journal of Applied Phycology, 2018, 30, 2675-2686.	1.5	82
9	Osmogenetics: Aristotle to Arabidopsis. Plant Cell, 2006, 18, 1542-1557.	3.1	78
10	Root inoculation with Azotobacter chroococcum 76A enhances tomato plants adaptation to salt stress under low N conditions. BMC Plant Biology, 2018, 18, 205.	1.6	78
11	Tissue-specific activation of the osmotin gene by ABA, C2H4 and NaCl involves the same promoter region. Plant Molecular Biology, 1997, 34, 393-402.	2.0	48
12	A Novel Protein Hydrolysate-Based Biostimulant Improves Tomato Performances under Drought Stress. Plants, 2021, 10, 783.	1.6	37
13	Seasonal and multiannual effects of salinisation on tomato yield and fruit quality. Functional Plant Biology, 2012, 39, 689.	1.1	31
14	Osmo-Priming with Seaweed Extracts Enhances Yield of Salt-Stressed Tomato Plants. Agronomy, 2020, 10, 1559.	1.3	27
15	Omeprazole Treatment Enhances Nitrogen Use Efficiency Through Increased Nitrogen Uptake and Assimilation in Corn. Frontiers in Plant Science, 2019, 10, 1507.	1.7	26
16	Biostimulant Activity of Azotobacter chroococcum and Trichoderma harzianum in Durum Wheat under Water and Nitrogen Deficiency. Agronomy, 2021, 11, 380.	1.3	25
17	Moderately increased constitutive proline does not alter osmotic stress tolerance. Physiologia Plantarum, 1997, 101, 240-246.	2.6	24
18	Biotechnology for mechanisms that counteract salt stress in extremophile species: a genome-based view. Plant Biotechnology Reports, 2013, 7, 27-37.	0.9	24

#	Article	IF	Citations
19	The ascorbic acid cycle mediates signal transduction leading to stress-induced stomatal closure. Functional Plant Biology, 2002, 29, 845.	1.1	23
20	Ascophyllum nodosum Based Extracts Counteract Salinity Stress in Tomato by Remodeling Leaf Nitrogen Metabolism. Plants, 2021, 10, 1044.	1.6	19
21	Plant bioregenerative life supports: The Italian CAB Project. Journal of Plant Interactions, 2007, 2, 125-134.	1.0	9
22	Omeprazole treatment elicits contrasting responses to salt stress in two basil genotypes. Annals of Applied Biology, 2019, 174, 329-338.	1.3	8
23	Large quantities of recombinant PR-5 proteins from the extracellular matrix of tobacco: Rapid production of microbial-recalcitrant proteins. Plant Molecular Biology Reporter, 1996, 14, 249-260.	1.0	3
24	A Novel Plant-Based Biostimulant Improves Plant Performances under Drought Stress in Tomato. Biology and Life Sciences Forum, 2021, 4, 52.	0.6	2