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List of Publications by Year in descending order

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27
papers

890
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516710

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1168
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#	ARTICLE	IF	CITATIONS
1	Alfalfa green manure amendment improved P use efficiency and reduced P losses from paddy fields. <i>Nutrient Cycling in Agroecosystems</i> , 2022, 123, 35-47.	2.2	4
2	MsPG4-mediated hydrolysis of pectins increases the cell wall extensibility and aluminum resistance of alfalfa. <i>Plant and Soil</i> , 2022, 477, 357-371.	3.7	6
3	Analysis of the Function of the Alfalfa <i>Mslea-D34</i> Gene in Abiotic Stress Responses and Flowering Time. <i>Plant and Cell Physiology</i> , 2021, 62, 28-42.	3.1	14
4	MsWRKY11, activated by MsWRKY22, functions in drought tolerance and modulates lignin biosynthesis in alfalfa (<i>Medicago sativa</i> L.). <i>Environmental and Experimental Botany</i> , 2021, 184, 104373.	4.2	23
5	Dehydrin MsDHN1 improves aluminum tolerance of alfalfa (<i>Medicago sativa</i> L.) by affecting oxalate exudation from root tips. <i>Plant Journal</i> , 2021, 108, 441-458.	5.7	19
6	Protective roles of salicylic acid in maintaining integrity and functions of photosynthetic photosystems for alfalfa (<i>Medicago sativa</i> L.) tolerance to aluminum toxicity. <i>Plant Physiology and Biochemistry</i> , 2020, 155, 570-578.	5.8	19
7	Interaction of zinc and IAA alleviate aluminum-induced damage on photosystems via promoting proton motive force and reducing proton gradient in alfalfa. <i>BMC Plant Biology</i> , 2020, 20, 433.	3.6	12
8	MsPG1 alleviated aluminum-induced inhibition of root growth by decreasing aluminum accumulation and increasing porosity and extensibility of cell walls in alfalfa (<i>Medicago sativa</i>). <i>Environmental and Experimental Botany</i> , 2020, 175, 104045.	4.2	17
9	Auxin Is Involved in Magnesium-Mediated Photoprotection in Photosystems of Alfalfa Seedlings Under Aluminum Stress. <i>Frontiers in Plant Science</i> , 2020, 11, 746.	3.6	14
10	Characterization of Dehydrin protein, CdDHN4-L and CdDHN4-S, and their differential protective roles against abiotic stress in vitro. <i>BMC Plant Biology</i> , 2018, 18, 299.	3.6	32
11	Aluminum toxicity in alfalfa (<i>Medicago sativa</i>) is alleviated by exogenous foliar IAA inducing reduction of Al accumulation in cell wall. <i>Environmental and Experimental Botany</i> , 2017, 139, 1-13.	4.2	48
12	Expression of CdDHN4, a Novel YSK2-Type Dehydrin Gene from Bermudagrass, Responses to Drought Stress through the ABA-Dependent Signal Pathway. <i>Frontiers in Plant Science</i> , 2017, 8, 748.	3.6	37
13	Gene Expression Analysis of Alfalfa Seedlings Response to Acid-Aluminum. <i>International Journal of Genomics</i> , 2016, 2016, 1-13.	1.6	18
14	Increase phosphorus availability from the use of alfalfa (<i>Medicago sativa</i> L) green manure in rice (<i>Oryza sativa</i> L.) agroecosystem. <i>Scientific Reports</i> , 2016, 6, 36981.	3.3	34
15	Aluminium-induced reduction of plant growth in alfalfa (<i>Medicago sativa</i>) is mediated by interrupting auxin transport and accumulation in roots. <i>Scientific Reports</i> , 2016, 6, 30079.	3.3	55
16	Greenhouse gas intensity and net ecosystem carbon budget following the application of green manures in rice paddies. <i>Nutrient Cycling in Agroecosystems</i> , 2016, 106, 169-183.	2.2	8
17	Effect of Green Manures on Rice Growth and Plant Nutrients under Conventional and No-Till Systems. <i>Agronomy Journal</i> , 2015, 107, 2335-2346.	1.8	6
18	Phytotoxicity of aluminum on root growth and indole-3-acetic acid accumulation and transport in alfalfa roots. <i>Environmental and Experimental Botany</i> , 2014, 104, 1-8.	4.2	30

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19	Effects of foliar application of organic acids on alleviation of aluminum toxicity in alfalfa. <i>Journal of Plant Nutrition and Soil Science</i> , 2014, 177, 421-430.	1.9	43
20	Characterization of Gene Expression Associated with Drought Avoidance and Tolerance Traits in a Perennial Grass Species. <i>PLoS ONE</i> , 2014, 9, e103611.	2.5	21
21	Testing the importance of plant strategies on facilitation using congeners in a coastal community. <i>Ecology</i> , 2012, 93, 2023-2029.	3.2	59
22	Multi-scale segregations and edaphic determinants of marsh plant communities in a western Pacific estuary. <i>Hydrobiologia</i> , 2012, 696, 171-183.	2.0	7
23	Physical Stress, Not Biotic Interactions, Preclude an Invasive Grass from Establishing in Forb-Dominated Salt Marshes. <i>PLoS ONE</i> , 2012, 7, e33164.	2.5	28
24	The importance of facilitation in the zonation of shrubs along a coastal salinity gradient. <i>Journal of Vegetation Science</i> , 2011, 22, 828-836.	2.2	26
25	Community Structure and Abiotic Determinants of Salt Marsh Plant Zonation Vary Across Topographic Gradients. <i>Estuaries and Coasts</i> , 2011, 34, 459-469.	2.2	67
26	Main and interactive effects of warming, clipping, and doubled precipitation on soil CO ₂ efflux in a grassland ecosystem. <i>Global Biogeochemical Cycles</i> , 2006, 20, n/a-n/a.	4.9	97
27	Plant nitrogen concentration, use efficiency, and contents in a tallgrass prairie ecosystem under experimental warming. <i>Global Change Biology</i> , 2005, 11, 1733-1744.	9.5	146