

Lionel Jordan-Meille

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

615
citations

840776

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1125743

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all docs

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docs citations

13
times ranked

724
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in plant morphology and dry matter partitioning caused by potassium deficiency in <i>Gossypium hirsutum</i> (L.). <i>Environmental and Experimental Botany</i> , 2010, 67, 451-459.	4.2	124
2	Photosynthetic and anatomical responses of <i>Eucalyptus grandis</i> leaves to potassium and sodium supply in a field experiment. <i>Plant, Cell and Environment</i> , 2014, 37, 70-81.	5.7	118
3	Leaf area establishment of a maize (<i>Zea Mays</i> L.) field crop under potassium deficiency. <i>Plant and Soil</i> , 2004, 265, 75-92.	3.7	72
4	Shoot and root growth of hydroponic maize (<i>Zea mays</i> L.) as influenced by K deficiency. <i>Plant and Soil</i> , 2008, 304, 157-168.	3.7	57
5	The effects of potassium nutrition on water use in field-grown maize (<i>Zea mays</i> L.). <i>Environmental and Experimental Botany</i> , 2017, 134, 62-71.	4.2	57
6	Influence of potassium and sodium nutrition on leaf area components in <i>Eucalyptus grandis</i> trees. <i>Plant and Soil</i> , 2013, 371, 19-35.	3.7	53
7	Effect of carbon assimilation on dry weight production and partitioning during vegetative growth. <i>Plant and Soil</i> , 2009, 324, 329-343.	3.7	40
8	The role of potassium on maize leaf carbon exportation under drought condition. <i>Acta Physiologiae Plantarum</i> , 2017, 39, 1.	2.1	24
9	Potassium fertilization increases hydraulic redistribution and water use efficiency for stemwood production in <i>Eucalyptus grandis</i> plantations. <i>Environmental and Experimental Botany</i> , 2020, 176, 104085.	4.2	23
10	The ideal percentage of K substitution by Na in <i>Eucalyptus</i> seedlings: Evidences from leaf carbon isotopic composition, leaf gas exchanges and plant growth. <i>Plant Physiology and Biochemistry</i> , 2019, 137, 102-112.	5.8	21
11	Analysis of the export of diffuse phosphorus from a small rural watershed. <i>Agronomy for Sustainable Development</i> , 1998, 18, 5-26.	0.8	15
12	How Does Water-Stressed Corn Respond to Potassium Nutrition? A Shoot-Root Scale Approach Study under Controlled Conditions. <i>Agriculture (Switzerland)</i> , 2018, 8, 180.	3.1	9
13	Potassium supply modulates <i>Eucalyptus</i> leaf water-status under PEG-induced osmotic stress: integrating leaf gas exchange, carbon and nitrogen isotopic composition and plant growth. <i>Tree Physiology</i> , 2022, 42, 59-70.	3.1	2