

Leandro Azevedo Santos

List of Publications by Year in descending order

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36
papers

800
citations

687363
13
h-index

526287
27
g-index

36
all docs

36
docs citations

36
times ranked

944
citing authors

#	ARTICLE	IF	CITATIONS
1	Rice varieties with contrasting nitrogen use efficiency present different expression of amino acid transporters and ammonium transporters. Archives of Agronomy and Soil Science, 2023, 69, 1251-1265.	2.6	2
2	OsCKX5 Modulates Root System Morphology and Increases Nutrient Uptake in Rice. Journal of Plant Growth Regulation, 2022, 41, 2157-2170.	5.1	2
3	Knockdown of OsNRT2.4 modulates root morphology and alters nitrogen metabolism in response to low nitrate availability in rice. Molecular Breeding, 2022, 42, 1.	2.1	1
4	Nutripriming with ammonium nitrate improves emergence and root architecture and promotes an increase in nitrogen content in upland rice seedlings. Biocatalysis and Agricultural Biotechnology, 2022, 42, 102331.	3.1	5
5	The amino acid transporter OsAAP1 regulates the fertility of spikelets and the efficient use of N in rice. Plant and Soil, 2022, 480, 507-521.	3.7	5
6	Reduced Plasma Membrane H ⁺ -ATPase Isoform OsA7 Expression and Proton Pump Activity Decrease Growth Without Affecting Nitrogen Accumulation in Rice. Journal of Plant Growth Regulation, 2021, 40, 67-77.	5.1	2
7	Overexpression of Rice Genes OsNRT1.1A and OsNRT1.1B Restores Chlorate Uptake and NRT2.1/NAR2.1 Expression in Arabidopsis thaliana chl1-5 Mutant. Journal of Plant Growth Regulation, 2021, 40, 1701-1713.	5.1	2
8	Proline osmopriming improves the root architecture, nitrogen content and growth of rice seedlings. Biocatalysis and Agricultural Biotechnology, 2021, 33, 101998.	3.1	4
9	Root morphology and ammonium uptake kinetics in two traditional rice varieties submitted to different doses of ammonium nutrition. Journal of Plant Nutrition, 2021, 44, 2715-2728.	1.9	7
10	Expressão relativa do gene OsNPF7.4 em arroz estimulado pelo fornecimento de nitrato em solução nutritiva. Revista Brasileira De Gestão Ambiental E Sustentabilidade, 2021, 8, 803-809.	0.0	0
11	Inoculation with five diazotrophs alters nitrogen metabolism during the initial growth of sugarcane varieties with contrasting responses to added nitrogen. Plant and Soil, 2020, 451, 25-44.	3.7	14
12	Characteristics of the root system in two Brazilian upland rice varieties which exhibit contrasting behavior towards drought tolerance. Semina:Ciencias Agrarias, 2020, 41, 421-434.	0.3	3
13	Response surface modeling of humic acid stimulation of the rice (Oryza sativa L.) root system. Archives of Agronomy and Soil Science, 2020, , 1-14.	2.6	12
14	Silencing the Oryza sativa plasma membrane H ⁺ -ATPase isoform OsA2 affects grain yield and shoot growth and decreases nitrogen concentration. Journal of Plant Physiology, 2020, 251, 153220.	3.5	9
15	Morphological and physiological responses to drought stress in a set of Brazilian traditional upland rice varieties in post-anthesis stage. Australian Journal of Crop Science, 2020, , 116-123.	0.3	3
16	Structure-Property-Function Relationship of Humic Substances in Modulating the Root Growth of Plants: A Review. Journal of Environmental Quality, 2019, 48, 1622-1632.	2.0	48
17	Humic acid as a biotechnological alternative to increase N-NO ₃ ⁻ or N-NH ₄ ⁺ uptake in rice plants. Biocatalysis and Agricultural Biotechnology, 2019, 20, 101226.	3.1	13
18	Dark septate endophytic fungi increase the activity of proton pumps, efficiency of ¹⁵ N recovery from ammonium sulphate, N content, and micronutrient levels in rice plants. Brazilian Journal of Microbiology, 2019, 50, 825-838.	2.0	15

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19	Contribution of dark septate fungi to the nutrient uptake and growth of rice plants. Brazilian Journal of Microbiology, 2018, 49, 67-78.	2.0	54
20	Development and nitrate reductase activity of sugarcane inoculated with five diazotrophic strains. Archives of Microbiology, 2017, 199, 863-873.	2.2	30
21	Rice varieties exhibit different mechanisms for Nitrogen Use Efficiency (NUE). Australian Journal of Crop Science, 2016, 10, 342-352.	0.3	10
22	Involvement of Hormone- and ROS-Signaling Pathways in the Beneficial Action of Humic Substances on Plants Growing under Normal and Stressing Conditions. BioMed Research International, 2016, 2016, 1-13.	1.9	67
23	Vermicompost humic acids modulate the accumulation and metabolism of ROS in rice plants. Journal of Plant Physiology, 2016, 192, 56-63.	3.5	72
24	Root-Shoot Signaling crosstalk involved in the shoot growth promoting action of rhizospheric humic acids. Plant Signaling and Behavior, 2016, 11, e1161878.	2.4	14
25	OsAMT1.3 expression alters rice ammonium uptake kinetics and root morphology. Plant Biotechnology Reports, 2015, 9, 221-229.	1.5	36
26	Absorption kinetics and nitrogen fractions in rice as an expression of the <i>OsDof26</i> transcription factor. Revista Ciencia Agronomica, 2015, 46, .	0.3	0
27	Phosphorus uptake kinetics and nitrogen fractions in maize grown in nutrient solutions. Semina:Ciencias Agrarias, 2014, 35, 2991.	0.3	1
28	Potentialities of vermicompost humic acids to alleviate water stress in rice plants (<i>Oryza sativa</i> L.). Journal of Geochemical Exploration, 2014, 136, 48-54.	3.2	92
29	The transcription of nitrate transporters in upland rice varieties with contrasting nitrate uptake kinetics. Journal of Plant Nutrition and Soil Science, 2014, 177, 395-403.	1.9	7
30	Humified insoluble solid for efficient decontamination of nickel and lead in industrial effluents. Journal of Environmental Chemical Engineering, 2013, 1, 916-924.	6.7	10
31	Vermicompost humic acids as an ecological pathway to protect rice plant against oxidative stress. Ecological Engineering, 2012, 47, 203-208.	3.6	133
32	OsDof25 expression alters carbon and nitrogen metabolism in Arabidopsis under high N-supply. Plant Biotechnology Reports, 2012, 6, 327-337.	1.5	39
33	Isoforms of plasma membrane H ⁺ -ATPase in rice root and shoot are differentially induced by starvation and resupply of NO ₃ ⁻ or NH ₄ ⁺ . Plant Science, 2011, 180, 251-258.	3.6	48
34	NITRATE UPTAKE KINETICS AND METABOLIC PARAMETERS IN TWO RICE VARIETIES GROWN IN HIGH AND LOW NITRATE. Journal of Plant Nutrition, 2011, 34, 988-1002.	1.9	16
35	Effects of Nitrogen Stress on Proton-Pumping and Nitrogen Metabolism in Rice. Journal of Plant Nutrition, 2009, 32, 549-564.	1.9	11
36	Decomposição e liberação de nutrientes de soja cortada em diferentes estádios de desenvolvimento. Pesquisa Agropecuaria Brasileira, 2006, 41, 667-672.	0.9	13