

Leandro Azevedo Santos

List of Publications by Year in descending order

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36
papers

800
citations

686830

13
h-index

525886

27
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36
all docs

36
docs citations

36
times ranked

944
citing authors

#	ARTICLE	IF	CITATIONS
1	Vermicompost humic acids as an ecological pathway to protect rice plant against oxidative stress. <i>Ecological Engineering</i> , 2012, 47, 203-208.	1.6	133
2	Potentialities of vermicompost humic acids to alleviate water stress in rice plants (<i>Oryza sativa</i> L.). <i>Journal of Geochemical Exploration</i> , 2014, 136, 48-54.	1.5	92
3	Vermicompost humic acids modulate the accumulation and metabolism of ROS in rice plants. <i>Journal of Plant Physiology</i> , 2016, 192, 56-63.	1.6	72
4	Involvement of Hormone- and ROS-Signaling Pathways in the Beneficial Action of Humic Substances on Plants Growing under Normal and Stressing Conditions. <i>BioMed Research International</i> , 2016, 2016, 1-13.	0.9	67
5	Contribution of dark septate fungi to the nutrient uptake and growth of rice plants. <i>Brazilian Journal of Microbiology</i> , 2018, 49, 67-78.	0.8	54
6	Isoforms of plasma membrane H ⁺ -ATPase in rice root and shoot are differentially induced by starvation and resupply of NO ₃ ⁻ or NH ₄ ⁺ . <i>Plant Science</i> , 2011, 180, 251-258.	1.7	48
7	Structure-Property-Function Relationship of Humic Substances in Modulating the Root Growth of Plants: A Review. <i>Journal of Environmental Quality</i> , 2019, 48, 1622-1632.	1.0	48
8	OsDof25 expression alters carbon and nitrogen metabolism in <i>Arabidopsis</i> under high N-supply. <i>Plant Biotechnology Reports</i> , 2012, 6, 327-337.	0.9	39
9	OsAMT1.3 expression alters rice ammonium uptake kinetics and root morphology. <i>Plant Biotechnology Reports</i> , 2015, 9, 221-229.	0.9	36
10	Development and nitrate reductase activity of sugarcane inoculated with five diazotrophic strains. <i>Archives of Microbiology</i> , 2017, 199, 863-873.	1.0	30
11	NITRATE UPTAKE KINETICS AND METABOLIC PARAMETERS IN TWO RICE VARIETIES GROWN IN HIGH AND LOW NITRATE. <i>Journal of Plant Nutrition</i> , 2011, 34, 988-1002.	0.9	16
12	Dark septate endophytic fungi increase the activity of proton pumps, efficiency of 15N recovery from ammonium sulphate, N content, and micronutrient levels in rice plants. <i>Brazilian Journal of Microbiology</i> , 2019, 50, 825-838.	0.8	15
13	Root-Shoot Signaling crosstalk involved in the shoot growth promoting action of rhizospheric humic acids. <i>Plant Signaling and Behavior</i> , 2016, 11, e1161878.	1.2	14
14	Inoculation with five diazotrophs alters nitrogen metabolism during the initial growth of sugarcane varieties with contrasting responses to added nitrogen. <i>Plant and Soil</i> , 2020, 451, 25-44.	1.8	14
15	Humic acid as a biotechnological alternative to increase N-NO ₃ ⁻ or N-NH ₄ ⁺ uptake in rice plants. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 20, 101226.	1.5	13
16	Decomposição e liberação de nutrientes de soja cortada em diferentes estádios de desenvolvimento. <i>Pesquisa Agropecuária Brasileira</i> , 2006, 41, 667-672.	0.9	13
17	Response surface modeling of humic acid stimulation of the rice (<i>Oryza sativa</i> L.) root system. <i>Archives of Agronomy and Soil Science</i> , 2020, , 1-14.	1.3	12
18	Effects of Nitrogen Stress on Proton-Pumping and Nitrogen Metabolism in Rice. <i>Journal of Plant Nutrition</i> , 2009, 32, 549-564.	0.9	11

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19	Humified insoluble solid for efficient decontamination of nickel and lead in industrial effluents. <i>Journal of Environmental Chemical Engineering</i> , 2013, 1, 916-924.	3.3	10
20	Rice varieties exhibit different mechanisms for Nitrogen Use Efficiency (NUE). <i>Australian Journal of Crop Science</i> , 2016, 10, 342-352.	0.1	10
21	Silencing the <i>Oryza sativa</i> plasma membrane H ⁺ -ATPase isoform OsA2 affects grain yield and shoot growth and decreases nitrogen concentration. <i>Journal of Plant Physiology</i> , 2020, 251, 153220.	1.6	9
22	The transcription of nitrate transporters in upland rice varieties with contrasting nitrate uptake kinetics. <i>Journal of Plant Nutrition and Soil Science</i> , 2014, 177, 395-403.	1.1	7
23	Root morphology and ammonium uptake kinetics in two traditional rice varieties submitted to different doses of ammonium nutrition. <i>Journal of Plant Nutrition</i> , 2021, 44, 2715-2728.	0.9	7
24	Nutripriming with ammonium nitrate improves emergence and root architecture and promotes an increase in nitrogen content in upland rice seedlings. <i>Biocatalysis and Agricultural Biotechnology</i> , 2022, 42, 102331.	1.5	5
25	The amino acid transporter OsAAP1 regulates the fertility of spikelets and the efficient use of N in rice. <i>Plant and Soil</i> , 2022, 480, 507-521.	1.8	5
26	Proline osmopriming improves the root architecture, nitrogen content and growth of rice seedlings. <i>Biocatalysis and Agricultural Biotechnology</i> , 2021, 33, 101998.	1.5	4
27	Characteristics of the root system in two Brazilian upland rice varieties which exhibit contrasting behavior towards drought tolerance. <i>Semina:Ciencias Agrarias</i> , 2020, 41, 421-434.	0.1	3
28	Morphological and physiological responses to drought stress in a set of Brazilian traditional upland rice varieties in post-anthesis stage. <i>Australian Journal of Crop Science</i> , 2020, , 116-123.	0.1	3
29	Reduced Plasma Membrane H ⁺ -ATPase Isoform OsA7 Expression and Proton Pump Activity Decrease Growth Without Affecting Nitrogen Accumulation in Rice. <i>Journal of Plant Growth Regulation</i> , 2021, 40, 67-77.	2.8	2
30	Overexpression of Rice Genes OsNRT1.1A and OsNRT1.1B Restores Chlorate Uptake and NRT2.1/NAR2.1 Expression in <i>Arabidopsis thaliana</i> chl1-5 Mutant. <i>Journal of Plant Growth Regulation</i> , 2021, 40, 1701-1713.	2.8	2
31	OsCKX5 Modulates Root System Morphology and Increases Nutrient Uptake in Rice. <i>Journal of Plant Growth Regulation</i> , 2022, 41, 2157-2170.	2.8	2
32	Rice varieties with contrasting nitrogen use efficiency present different expression of amino acid transporters and ammonium transporters. <i>Archives of Agronomy and Soil Science</i> , 2023, 69, 1251-1265.	1.3	2
33	Phosphorus uptake kinetics and nitrogen fractions in maize grown in nutrient solutions. <i>Semina:Ciencias Agrarias</i> , 2014, 35, 2991.	0.1	1
34	Knockdown of OsNRT2.4 modulates root morphology and alters nitrogen metabolism in response to low nitrate availability in rice. <i>Molecular Breeding</i> , 2022, 42, 1.	1.0	1
35	Expressão relativa do gene OsNPF7.4 em arroz © estimulada pelo fornecimento de nitrato em solução nutritiva. <i>Revista Brasileira De Gestão Ambiental E Sustentabilidade</i> , 2021, 8, 803-809.	0.0	0
36	Absorption kinetics and nitrogen fractions in rice as an expression of the OsDof26 transcription factor. <i>Revista Ciencia Agronomica</i> , 2015, 46, .	0.1	0