Alessandro C Ramos

List of Publications by Year
in descending order

37 papers	626 citations	623574 14 h-index	642610 23 g-index
41 all docs	41 docs citations	41 times ranked	899 citing authors

#	Article	IF	Citations
1	Mid infrared spectroscopy for comparative analysis of fermented arabica and robusta coffee. Food Control, 2021, 121, 107625.	2.8	15
2	Overview of the Role of Nitrogen in Copper Pollution and Bioremediation Mediated by Plantâ€“Microbe Interactions. Soil Biology, 2021, , 249-264.	0.6	1
3	Iron Toxicity and Its Relation to Nitrogen and Phosphorus Availability in Ectomycorrhizal Fungi. Soil Biology, 2021, , 459-479.	0.6	0
4	Inoculation with the endophytic bacterium Herbaspirillum seropedicae promotes growth, nutrient uptake and photosynthetic efficiency in rice. Planta, 2020, 252, 87.	1.6	20
5	The Free-Living Stage Growth Conditions of the Endophytic Fungus Serendipita indica May Regulate Its Potential as Plant Growth Promoting Microbe. Frontiers in Microbiology, 2020, 11, 562238.	1.5	10
6	Plasma membrane H+ pump at a crossroads of acidic and iron stresses in yeast-to-hypha transition. Metallomics, 2020, 12, 2174-2185.	1.0	3
7	Humic acids and Herbaspirillum seropedicae change the extracellular H+ flux and gene expression in maize roots seedlings. Chemical and Biological Technologies in Agriculture, 2019, 6, .	1.9	20
8	Inoculation With Piriformospora indica Is More Efficient in Wild-Type Rice Than in Transgenic Rice Over-Expressing the Vacuolar H+-PPase. Frontiers in Microbiology, 2019, 10, 1087.	1.5	23
9	Discriminating Organic and Conventional Coffee Production Systems Through Soil and Foliar Analysis Using Multivariate Approach. Communications in Soil Science and Plant Analysis, 2019, 50, 651-661.	0.6	5
10	Programmed cell death in yeast by thionin-like peptide from <i>Capsicum annuum</i> fruits involving activation of caspases and extracellular H+ flux. Bioscience Reports, 2018, 38, .	1.1	31
11	Volatile compounds profile changes from unripe to ripe fruits of Brazilian pepper (Schinus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	2.5	15
12	Linking Plant Nutritional Status to Plant-AMF Interactions. Microorganisms for Sustainability, 2018, , 351-384.	0.4	2
13	Alleviation of iron toxicity in Schinus terebinthifolius Raddi (Anacardiaceae) by humic substances. Environmental Science and Pollution Research, 2018, 25, 9416-9425.	2.7	15
14	Spermine modulates fungal morphogenesis and activates plasma membrane H+-ATPase during yeast to hyphae transition. Biology Open, 2018, 7, .	0.6	10
15	Conventional farming disrupts cooperation among phosphate solubilising bacteria isolated from Carica papayaâ€™s rhizosphere. Applied Soil Ecology, 2018, 124, 284-288.	2.1	15
16	Soil macrofauna in organic and conventional coffee plantations in Brazil. Biota Neotropica, 2018, 18, .	0.2	11
17	Embryogenic Competence Acquisition in Sugar Cane Callus Is Associated with Differential H⁺-Pump Abundance and Activity. Journal of Proteome Research, 2018, 17, 2767-2779.	1.8	21
18	<i>Coffea canephora</i> Peptides in Combinatorial Treatment with Fluconazole: Antimicrobial Activity against Phytopathogenic Fungus. International Journal of Microbiology, 2018, 2018, 1-10.	0.9	2

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19	Chemical and microbiological soil properties in organic and conventional management systems of<i>Coffea arabica</i>L.. Journal of Plant Nutrition, 2017, 40, 2076-2086.	0.9	6
20	Crop management as a driving force of plant growth promoting rhizobacteria physiology. SpringerPlus, 2016, 5, 1574.	1.2	22
21	Heavy Metal Stress and Molecular Approaches inÂPlants. , 2016, , 531-543.		5
22	Biochemical and ecophysiological responses to manganese stress by ectomycorrhizal fungus Pisolithus tinctorius and in association with Eucalyptus grandis. Mycorrhiza, 2016, 26, 475-487.	1.3	38
23	Ecophysiology of iron homeostasis in plants. Soil Science and Plant Nutrition, 2016, 62, 39-47.	0.8	66
24	Ãcidos hÃºmicos de vermicomposto estimulam o crescimento in vitro de plÃ¢ntulas de Cattleya warneri(Orchidaceae). Rodriguesia, 2015, 66, 759-768.	0.9	7
25	Humic matter elicits proton and calcium fluxes and signaling dependent on Ca2+-dependent protein kinase (CDPK) at early stages of lateral plant root development. Chemical and Biological Technologies in Agriculture, 2015, 2, .	1.9	49
26	Mechanistic basis for morphological damage induced by essential oil from Brazilian pepper tree, Schinus terebinthifolia, on larvae of Stegomyia aegypti, the dengue vector. Parasites and Vectors, 2015, 8, 136.	1.0	9
27	Biochemical and cellularchanges in <i>Oreochromis niloticus</i> related to the water pollution of a degraded river - doi: 10.4025/actascibiolsci.v35i3.13207. Acta Scientiarum - Biological Sciences, 2013, 35, .	0.3	1
28	An outlook on ion signaling and ionome of mycorrhizal symbiosis. Brazilian Journal of Plant Physiology, 2011, 23, 79-89.	0.5	18
29	The essential oil of Brazilian pepper, Schinus terebinthifolia Raddi in larval control of Stegomyia aegypti (Linnaeus, 1762). Parasites and Vectors, 2010, 3, 79.	1.0	34
30	Plantâ€microbe symbioses: new insights into common roots. BioEssays, 2009, 31, 1233-1244.	1.2	14
31	Arbuscular mycorrhizal fungi induce differential activation of the plasma membrane and vacuolar H+ pumps in maize roots. Mycorrhiza, 2009, 19, 69-80.	1.3	21
32	A pH signaling mechanism involved in the spatial distribution of calcium and anion fluxes in ectomycorrhizal roots. New Phytologist, 2009, 181, 448-462.	3.5	25
33	Proton (H⁺) flux signature for the presymbiotic development of the arbuscular mycorrhizal fungi. New Phytologist, 2008, 178, 177-188.	3.5	64
34	pH signature for the responses of arbuscular mycorrhizal fungi to external stimuli. Plant Signaling and Behavior, 2008, 3, 850-852.	1.2	4
35	Ion Dynamics During the Polarized Growth of Arbuscular Mycorrhizal Fungi: From Presymbiosis to Symbiosis. , 2008, , 241-260.		7
36	Arbuscular Mycorrhiza in Physiological and Morphological Adaptations of Mediterranean Plants. , 2008, , 733-752.		2

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37	Atividade ATPÃ¡sica e pirofosfatÃ¡sica em microssomos de raÃzes de milho colonizadas com fungos micorrÃzicos arbusculares. Revista Brasileira De Ciencia Do Solo, 2005, 29, 207-213.	0.5	8