

# Eduardo O Leidi

## List of Publications by Year in descending order

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58  
papers

3,482  
citations

236925

25  
h-index

155660

55  
g-index

58  
all docs

58  
docs citations

58  
times ranked

3391  
citing authors

#	ARTICLE	IF	CITATIONS
1	Variation in Nutritional Components in Roots from Ahipa ( <i>Pachyrhizus ahipa</i> (Wedd.) Parodi) Accessions and an Interspecific Hybrid ( <i>P. ahipa</i> × <i>P. tuberosus</i> (Lam.) Spreng.). <i>Agronomy</i> , 2022, 12, 5.	3.0	0
2	Strategies in a metallophyte species to cope with manganese excess. <i>Environmental Geochemistry and Health</i> , 2021, 43, 1523-1535.	3.4	5
3	Reassessing the Role of Potassium in Tomato Grown with Water Shortages. <i>Horticulturae</i> , 2021, 7, 20.	2.8	13
4	Soil-plant system and potential human health risk of Chinese cabbage and oregano growing in soils from Mn- and Fe-abandoned mines: microcosm assay. <i>Environmental Geochemistry and Health</i> , 2020, 42, 4073-4086.	3.4	11
5	Assessing the Nutritional Value of Root and Tuber Crops from Bolivia and Peru. <i>Foods</i> , 2019, 8, 526.	4.3	17
6	A Critical Role of Sodium Flux via the Plasma Membrane Na <sup>+</sup> /H <sup>+</sup> Exchanger SOS1 in the Salt Tolerance of Rice. <i>Plant Physiology</i> , 2019, 180, 1046-1065.	4.8	149
7	Regulation of K <sup>+</sup> Nutrition in Plants. <i>Frontiers in Plant Science</i> , 2019, 10, 281.	3.6	217
8	Does the polluted environment modify responses to metal pollution? A case study of two <i>Cistus</i> species and the excess of copper and lead. <i>Catena</i> , 2019, 178, 244-255.	5.0	8
9	Active proton efflux, nutrient retention and boron-bridging of pectin are related to greater tolerance of proton toxicity in the roots of two <i>Erica</i> species. <i>Plant Physiology and Biochemistry</i> , 2018, 126, 142-151.	5.8	7
10	A review of hazardous elements tolerance in a metallophyte model species: <i>Erica andevalensis</i> . <i>Geoderma</i> , 2018, 319, 43-51.	5.1	15
11	Pleiotropic effects of enhancing vacuolar K/H exchange in tomato. <i>Physiologia Plantarum</i> , 2018, 163, 88-102.	5.2	9
12	Andean roots and tubers crops as sources of functional foods. <i>Journal of Functional Foods</i> , 2018, 51, 86-93.	3.4	38
13	Uptake of Micro and Macronutrients in Relation to Increasing Mn Concentrations in <i>Cistus salvifolius</i> L. Grown in Hydroponic Cultures. <i>Journal of Environmental Accounting and Management</i> , 2018, 6, 355-363.	0.5	1
14	Control of vacuolar dynamics and regulation of stomatal aperture by tonoplast potassium uptake. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E1806-14.	7.1	171
15	Stabilized municipal sewage sludge addition to improve properties of an acid mine soil for plant growth. <i>Journal of Soils and Sediments</i> , 2014, 14, 703-712.	3.0	40
16	A constitutively active form of a durum wheat Na <sup>+</sup> /H <sup>+</sup> antiporter SOS1 confers high salt tolerance to transgenic <i>Arabidopsis</i> . <i>Plant Cell Reports</i> , 2014, 33, 277-288.	5.6	94
17	Ion Exchangers NHX1 and NHX2 Mediate Active Potassium Uptake into Vacuoles to Regulate Cell Turgor and Stomatal Function in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2012, 24, 1127-1142.	6.6	533
18	Evaluation of Lead Toxicity in <i>Erica andevalensis</i> as an Alternative Species for Revegetation of Contaminated Soils. <i>International Journal of Phytoremediation</i> , 2012, 14, 174-185.	3.1	15

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19	Tolerance to high Zn in the metallophyte <i>Erica andevalensis</i> Cabezudo & Rivera. <i>Ecotoxicology</i> , 2012, 21, 2012-2021.	2.4	12
20	Expression of wheat Na <sup>+</sup> /H <sup>+</sup> antiporter TNHXS1 and H <sup>+</sup> - pyrophosphatase TVP1 genes in tobacco from a bicistronic transcriptional unit improves salt tolerance. <i>Plant Molecular Biology</i> , 2012, 79, 137-155.	3.9	107
21	Effects of silicon on copper toxicity in <i>Erica andevalensis</i> Cabezudo and Rivera: a potential species to remediate contaminated soils. <i>Journal of Environmental Monitoring</i> , 2011, 13, 591.	2.1	29
22	Selective uptake of major and trace elements in <i>Erica andevalensis</i> , an endemic species to extreme habitats in the Iberian Pyrite Belt. <i>Journal of Environmental Sciences</i> , 2011, 23, 444-452.	6.1	31
23	Uptake, localisation and physiological changes in response to copper excess in <i>Erica andevalensis</i> . <i>Plant and Soil</i> , 2010, 328, 411-420.	3.7	37
24	The AtNHX1 exchanger mediates potassium compartmentation in vacuoles of transgenic tomato. <i>Plant Journal</i> , 2010, 61, 495-506.	5.7	268
25	How do vacuolar NHX exchangers function in plant salt tolerance?. <i>Plant Signaling and Behavior</i> , 2010, 5, 792-795.	2.4	147
26	Plant Responses to Salinity. , 2010, , 129-141.		17
27	Nitrate and potassium concentrations in cotton petiole extracts as influenced by nitrogen fertilization, sampling date and cultivar. <i>Spanish Journal of Agricultural Research</i> , 2010, 8, 202.	0.6	4
28	Loss of Halophytism by Interference with SOS1 Expression. <i>Plant Physiology</i> , 2009, 151, 210-222.	4.8	254
29	ASSESSMENT OF NITROGEN FIXATION POTENTIAL IN AHIPA ( <i>Pachyrhizus ahipa</i> ) AND ITS EFFECT ON ROOT AND SEED YIELD. <i>Experimental Agriculture</i> , 2009, 45, 177-188.	0.9	4
30	Accumulation and in vivo tissue distribution of pollutant elements in <i>Erica andevalensis</i> . <i>Science of the Total Environment</i> , 2009, 407, 1929-1936.	8.0	22
31	Stress responses of <i>Erica andevalensis</i> Cabezudo & Rivera plants induced by polluted water from Tinto River (SW Spain). <i>Ecotoxicology</i> , 2009, 18, 1058-1067.	2.4	13
32	Germination responses of <i>Erica andevalensis</i> to different chemical and physical treatments. <i>Ecological Research</i> , 2009, 24, 655-661.	1.5	15
33	Genotypic Variation in Potassium Uptake in Dryland Cotton. <i>Journal of Plant Nutrition</i> , 2008, 31, 1947-1962.	1.9	11
34	Alkali cation exchangers: roles in cellular homeostasis and stress tolerance. <i>Journal of Experimental Botany</i> , 2006, 57, 1181-1199.	4.8	385
35	Factors affecting root and seed yield in ahipa ( <i>Pachyrhizus ahipa</i> (Wedd.) Parodi), a multipurpose legume crop. <i>European Journal of Agronomy</i> , 2004, 20, 395-403.	4.1	11
36	Phenotypic and Genotypic Characterization of Rhizobia from Diverse Geographical Origin that Nodulate <i>Pachyrhizus</i> species. <i>Systematic and Applied Microbiology</i> , 2004, 27, 737-745.	2.8	21

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37	Nutrient Requirements of Ahipa, a Tuberos-Root Crop. <i>Journal of Plant Nutrition</i> , 2004, 27, 931-945.	1.9	3
38	Ahipa ( <i>Pachyrhizus ahipa</i> [Wedd.] Parodi): an alternative legume crop for sustainable production of starch, oil and protein. <i>Industrial Crops and Products</i> , 2003, 17, 27-37.	5.2	16
39	Leaf Gas Exchange of <i>Pachyrhizus ahipa</i> and <i>P. erosus</i> Under Water and Temperature Stress. <i>Photosynthetica</i> , 2002, 40, 375-381.	1.7	5
40	Nitrogen and phosphorus availability limit N <sub>2</sub> fixation in bean. <i>New Phytologist</i> , 2000, 147, 337-346.	7.3	89
41	Interaction effects between <i>Rhizobium</i> strain and bean cultivar on nodulation, plant growth, biomass partitioning and xylem sap composition. <i>European Journal of Agronomy</i> , 1999, 11, 131-143.	4.1	14
42	Variation in carbon isotope discrimination and other traits related to drought tolerance in upland cotton cultivars under dryland conditions. <i>Field Crops Research</i> , 1999, 61, 109-123.	5.1	50
43	Salt and Water Stress-Tolerant Cotton. <i>Biotechnology in Agriculture and Forestry</i> , 1998, , 227-242.	0.2	0
44	Is salinity tolerance related to Na accumulation in Upland cotton ( <i>Gossypium hirsutum</i> ) seedlings?. <i>Plant and Soil</i> , 1997, 190, 67-75.	3.7	104
45	Selection and characterization of cotton cultivars for dryland production in the south-west of Spain. <i>European Journal of Agronomy</i> , 1995, 4, 119-126.	4.1	18
46	Salinity and nitrogen nutrition studies on peanut and cotton plants. <i>Journal of Plant Nutrition</i> , 1992, 15, 591-604.	1.9	66
47	Effect of salinity on cotton plants grown under nitrate or ammonium nutrition at different calcium levels. <i>Field Crops Research</i> , 1991, 26, 35-44.	5.1	33
48	Subcellular distribution of superoxide dismutase in leaves of ureide-producing leguminous plants. <i>Physiologia Plantarum</i> , 1991, 82, 285-291.	5.2	31
49	Wheat growth as affected by nitrogen type, pH and salinity. I. biomass production and mineral composition. <i>Journal of Plant Nutrition</i> , 1991, 14, 235-246.	1.9	53
50	Wheat growth as affected by nitrogen type, pH and salinity. II. photosynthesis and transpiration. <i>Journal of Plant Nutrition</i> , 1991, 14, 247-256.	1.9	28
51	Effect of NaCl salinity on photosynthesis, <sup>14</sup> C-translocation, and yield in wheat plants irrigated with ammonium or nitrate solutions. <i>Irrigation Science</i> , 1990, 11, 155.	2.8	9
52	Physiological aspects of ammonium and nitrate fertilization. <i>Journal of Plant Nutrition</i> , 1990, 13, 1271-1289.	1.9	67
53	Effect of nitrogen source on growth response to salinity stress in maize and wheat. <i>New Phytologist</i> , 1989, 111, 155-160.	7.3	119
54	Peroxidase Isozyme Patterns Developed by Soybean Genotypes in Response to Manganese and Iron Stress. <i>Biochemie Und Physiologie Der Pflanzen</i> , 1989, 185, 391-396.	0.5	6

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55	Evaluation of biochemical indicators of Fe and Mn nutrition for soybean plants. II. Superoxide dismutases, chlorophyll contents and photosystem II activity. <i>Journal of Plant Nutrition</i> , 1987, 10, 261-271.	1.9	17
56	Sotbean genetic differences in response to Fe and Mn: Activity of metalloenzymes. <i>Plant and Soil</i> , 1987, 99, 139-146.	3.7	7
57	Evaluation of catalase and peroxidase activity as indicators of Fe and Mn nutrition for soybean. <i>Journal of Plant Nutrition</i> , 1986, 9, 1239-1249.	1.9	8
58	A Role for manganese in the Regulation of Soybean Nitrate Reductase Activity?. <i>Journal of Plant Physiology</i> , 1985, 118, 335-342.	3.5	8