

# Claudian Feitosa de Lacerda

## List of Publications by Year in Descending Order

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**Version:** 2024-04-25

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

92  
papers

1,171  
citations

17  
h-index

31  
g-index

107  
ext. papers

1,382  
ext. citations

1.4  
avg, IF

4.04  
L-index

#	Paper	IF	Citations
92	Quantifying Nutrient Content in the Leaves of Cowpea Using Remote Sensing. <i>Applied Sciences (Switzerland)</i> , <b>2022</b> , 12, 458	2.6	1
91	Water restriction in cowpea plants [ <i>Vigna unguiculata</i> (L.) Walp.]: Metabolic changes and tolerance induction. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , <b>2022</b> , 26, 190-197	0.9	4
90	Supplemental Irrigation with Brackish Water Improves Carbon Assimilation and Water Use Efficiency in Maize under Tropical Dryland Conditions. <i>Agriculture (Switzerland)</i> , <b>2022</b> , 12, 544	3	2
89	Strategies for the Use of Brackish Water for Crop Production in Northeastern Brazil <b>2021</b> , 71-99		
88	Irrigation with Wastewater and K Fertilization Ensure the Yield and Quality of Coloured Cotton in a Semiarid Climate. <i>Agronomy</i> , <b>2021</b> , 11, 2370	3.6	0
87	Supplemental irrigation using brackish water on maize in tropical semi-arid regions of Brazil: yield and economic analysis. <i>Scientia Agricola</i> , <b>2021</b> , 78,	2.5	6
86	Socio-Economic Indexes for Water Use in Irrigation in a Representative Basin of the Tropical Semiarid Region. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 2643	3	4
85	Uses and losses of nitrogen by maize and cotton plants under salt stress. <i>Archives of Agronomy and Soil Science</i> , <b>2020</b> , 1-14	2	1
84	Ecophysiology of the tall coconut growing under different coastal areas of northeastern Brazil. <i>Agricultural Water Management</i> , <b>2020</b> , 232, 106047	5.9	6
83	Morphophysiological responses and mechanisms of salt tolerance in four ornamental perennial species under tropical climate. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , <b>2020</b> , 24, 656-663	0.9	6
82	Variabilidade espa <sup>o</sup> -temporal da qualidade das <sup>guas</sup> subterr <sup>neas</sup> em <sup>rea</sup> irrigada no semi <sup>rido</sup> brasileiro. <i>Research, Society and Development</i> , <b>2020</b> , 9,	1.1	1
81	Production of <i>Bambusa vulgaris</i> seedlings from rhizomes under brackish water irrigation. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , <b>2020</b> , 24, 337-342	0.9	1
80	Water potential, biochemical indicators and yield of sugarcane irrigated with brackish water and leaching. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , <b>2020</b> , 24, 312-318	0.9	
79	Dark septate endophytic fungi mitigate the effects of salt stress on cowpea plants. <i>Brazilian Journal of Microbiology</i> , <b>2020</b> , 51, 243-253	2.2	21
78	Growth, production and water and nitrogen use efficiency of maize under water depths and nitrogen fertilization. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , <b>2019</b> , 23, 747-753	0.9	3
77	Environmental parameters and tree physiology in two semiarid land use systems in Brazil. <i>Journal of Forestry Research</i> , <b>2019</b> , 30, 397-407	2	2
76	Growth and physiology of maize under water salinity and nitrogen fertilization in two soils. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , <b>2019</b> , 23, 907-913	0.9	8

75	Saline water on the leaf mineral composition of noni under organic fertilization. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , <b>2019</b> , 23, 687-693	0.9	
74	A new method to evaluate salt tolerance of ornamental plants. <i>Theoretical and Experimental Plant Physiology</i> , <b>2018</b> , 30, 173-180	2.4	8
73	Evidence of nitrogen and potassium losses in soil columns cultivated with maize under salt stress. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , <b>2018</b> , 22, 553-557	0.9	4
72	Saline water, nitrogen and phosphorus on water relations and physiological aspects of West Indian cherry. <i>Comunicata Scientiae</i> , <b>2018</b> , 9, 430-437	1.4	4
71	Ion accumulation in young plants of the "green dwarf" coconut under water and salt stress. <i>Revista Ciencia Agronomica</i> , <b>2018</b> , 49,	1	4
70	Response of four woody species to salinity and water deficit in initial growth phase. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , <b>2018</b> , 22, 753-757	0.9	2
69	Growth and photosynthetic parameters of saccharine sorghum plants subjected to salinity. <i>Acta Scientiarum - Agronomy</i> , <b>2018</b> , 41, 42607	0.6	4
68	Isolated and combined effects of soil salinity and waterlogging in seedlings of "Green Dwarf" coconut. <i>Semina:Ciencias Agrarias</i> , <b>2018</b> , 39, 1459	0.6	5
67	Quantitative and qualitative responses of <i>Catharanthus roseus</i> to salinity and biofertilizer. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , <b>2018</b> , 22, 22-26	0.9	11
66	Gas exchange of four woody species under salinity and soil waterlogging. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , <b>2017</b> , 21, 670-674	0.9	
65	Aspectos socioambientais e qualidade da "gua de dessalinizadores nas comunidades rurais de Pentecoste-CE. <i>Revista Ambiente &amp; gua</i> , <b>2017</b> , 12, 124	0.8	2
64	New substrate containing agroindustrial carnauba residue for production of papaya under foliar fertilization. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , <b>2017</b> , 21, 128-133	0.9	7
63	PHYSIOLOGICAL RESPONSES OF DWARF COCONUT PLANTS UNDER WATER DEFICIT IN SALT-AFFECTED SOILS. <i>Revista Caatinga</i> , <b>2017</b> , 30, 447-457	0.6	8
62	Physiological and ionic changes in dwarf coconut seedlings irrigated with saline water. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , <b>2017</b> , 21, 122-127	0.9	7
61	Mechanisms of salt tolerance in seedlings of six woody native species of the Brazilian semi-arid. <i>Revista Ciencia Agronomica</i> , <b>2017</b> , 48,	1	5
60	Saline water irrigation managements on growth of ornamental plants. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , <b>2017</b> , 21, 739-745	0.9	2
59	Organic solutes in coconut palm seedlings under water and salt stresses. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , <b>2016</b> , 20, 1002-1007	0.9	4
58	Influence of salinity on the development of the banana colonised by arbuscular mycorrhizal fungi. <i>Revista Ciencia Agronomica</i> , <b>2016</b> , 47, 421-428	1	5

57	ESTABLISHMENT OF YOUNG "DWARF GREEN" COCONUT PLANTS IN SOIL AFFECTED BY SALTS AND UNDER WATER DEFICIT. <i>Revista Brasileira De Fruticultura</i> , <b>2016</b> , 38,	1.2	3
56	Production and economic viability of banana managed with cover crops. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , <b>2016</b> , 20, 1078-1082	0.9	1
55	Quantum efficiency of photosystem II and production of orange under salt stress and nitrogen fertilization. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , <b>2016</b> , 20, 434-440	0.9	5
54	PHYSIOLOGICAL RESPONSES OF THREE WOODY SPECIES SEEDLINGS UNDER WATER STRESS, IN SOIL WITH AND WITHOUT ORGANIC MATTER. <i>Revista Arvore</i> , <b>2016</b> , 40, 455-464	1	3
53	Evapotranspiration as a Criterion to Estimate Nitrogen Requirement of Maize Under Salt Stress. <i>Journal of Agronomy and Crop Science</i> , <b>2016</b> , 202, 192-202	3.9	17
52	Growth and yield of cowpea/sunflower crop rotation under different irrigation management strategies with saline water. <i>Ciencia Rural</i> , <b>2015</b> , 45, 814-820	1.3	6
51	Effect of water stress on seedling growth in two species with different abundances: the importance of Stress Resistance Syndrome in seasonally dry tropical forest. <i>Acta Botanica Brasilica</i> , <b>2015</b> , 29, 375-382	1	15
50	TROCAS GASOSAS E EFICIÊNCIA DO FOTOSISTEMA II EM PLANTAS ADULTAS DE SEIS ESPÉCIES FLORESTAIS EM FUNÇÃO DO SUPRIMENTO DE ÁGUA NO SOLO1. <i>Revista Arvore</i> , <b>2015</b> , 39, 973-983	1	9
49	Influência da matéria orgânica e do ambiente no crescimento e acúmulo de solutos em <i>Morinda citrifolia</i> submetida à salinidade. <i>Revista Brasileira De Fruticultura</i> , <b>2014</b> , 36, 704-712	1.2	3
48	Salt stress tolerance in cowpea is poorly related to the ability to cope with oxidative stress. <i>Acta Botanica Croatica</i> , <b>2014</b> , 73, 78-89	0.8	3
47	Yield of cotton/cowpea and sunflower/cowpea crop rotation systems during the reclamation process of a saline-sodic soil. <i>Engenharia Agricola</i> , <b>2014</b> , 34, 867-876	0.6	3
46	Crescimento e respostas fisiológicas do meloeiro inoculado com fungos micorrízicos arbusculares sob estresse salino. <i>Semina: Ciências Agrárias</i> , <b>2013</b> , 34,	0.6	5
45	Ecophysiology of deciduous plants grown at different densities in the semiarid region of Brazil. <i>Theoretical and Experimental Plant Physiology</i> , <b>2013</b> , 25, 94-105	2.4	5
44	Crescimento, nutrição e produção da bananeira associados a plantas de cobertura e lâminas de irrigação. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , <b>2013</b> , 17, 1271-1277	0.9	3
43	Pimenteira ornamental submetida a tratamentos com daminozide em vasos com fibra de coco ou areia. <i>Semina: Ciências Agrárias</i> , <b>2013</b> , 34, 3597	0.6	3
42	Nitrato modula os teores de cloreto e compostos nitrogenados em plantas de milho submetidas à salinidade. <i>Bragantia</i> , <b>2013</b> , 72, 10-19	1.2	5
41	Desenvolvimento do milho sob influência de fôvores de pau-branco em sistema agrossilvipastoril. <i>Pesquisa Agropecuaria Brasileira</i> , <b>2013</b> , 48, 1342-1350	1.8	18
40	Micronutrients affecting leaf biochemical responses during pineapple development. <i>Theoretical and Experimental Plant Physiology</i> , <b>2013</b> , 25, 70-78	2.4	3

39	IRRIGAÇÃO COM ÁGUAS SALINAS E USO DE BIOFERTILIZANTE BOVINO NAS TROCAS GASOSAS E PRODUTIVIDADE DE FEIJÃO-DE-CORDA. <i>Irriga</i> , <b>2013</b> , 18, 304	2.1	8
38	Fluxo de biomassa em capim-massai durante o estabelecimento e rebrotação com e sem adubação nitrogenada. <i>Revista Ceres</i> , <b>2013</b> , 60, 363-371	0.7	8
37	Yield and ion content in maize irrigated with saline water in a continuous or alternating system. <i>Ciencia Rural</i> , <b>2012</b> , 42, 1731-1737	1.3	14
36	Supplemental Ca <sup>2+</sup> does not improve growth but it affects nutrient uptake in NaCl-stressed cowpea plants. <i>Brazilian Journal of Plant Physiology</i> , <b>2012</b> , 24, 9-18		6
35	Effect of irrigation water salinity and cutting age on the components of biomass of <i>Echinochloa pyramidalis</i> . <i>Revista Brasileira De Zootecnia</i> , <b>2012</b> , 41, 550-556	1.2	2
34	Trocas gasosas e conteúdo de carboidratos e compostos nitrogenados em pinhão-mansão irrigado com águas residuais e salina. <i>Pesquisa Agropecuaria Brasileira</i> , <b>2012</b> , 47, 1428-1435	1.8	7
33	Colonização micorrízica e nodulação radicular em mudas de sabiá ( <i>Mimosa caesalpiniaefolia</i> Benth.) sob diferentes níveis de salinidade. <i>Revista Ciencia Agronomica</i> , <b>2012</b> , 43, 409-416	1	3
32	Fruit size and quality of pineapples cv. Vitória in response to micronutrient doses and way of application and to soil covers. <i>Revista Brasileira De Fruticultura</i> , <b>2011</b> , 33, 505-510	1.2	3
31	Gas exchange in massai grass under five nitrogen fertilization levels during establishment and regrowth. <i>Revista Brasileira De Zootecnia</i> , <b>2011</b> , 40, 1862-1869	1.2	1
30	Crescimento e extração de micronutrientes em abacaxizeiro 'vitória'. <i>Revista Brasileira De Fruticultura</i> , <b>2011</b> , 33, 706-712	1.2	3
29	Soil salinization and maize and cowpea yield in the crop rotation system using saline waters. <i>Engenharia Agricola</i> , <b>2011</b> , 31, 663-675	0.6	21
28	Análise econômica do processo de recuperação de um solo salino no Perímetro Irrigado Curu-Pentecoste, CE. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , <b>2011</b> , 15, 377-382	0.9	4
27	Salinização do solo e desenvolvimento de meloeiro com a aplicação de resíduo de caranguejo. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , <b>2011</b> , 15, 359-364	0.9	2
26	Respostas de crescimento e fisiologia do milho submetido a estresse salino com diferentes espaçamentos de cultivo. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , <b>2011</b> , 15, 365-370	0.9	11
25	Interação entre salinidade e biofertilizante bovino na cultura do feijão-de-corda. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , <b>2011</b> , 15, 383-389	0.9	16
24	Calcium can moderate changes on membrane structure and lipid composition in cowpea plants under salt stress. <i>Plant Growth Regulation</i> , <b>2011</b> , 65, 55-63	3.2	49
23	Salt tolerance is unrelated to carbohydrate metabolism in cowpea cultivars. <i>Acta Physiologiae Plantarum</i> , <b>2011</b> , 33, 887-896	2.6	6
22	Produção de matéria seca e trocas gasosas em cultivares de mamoneira sob níveis de irrigação. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , <b>2011</b> , 15, 1168-1174	0.9	4

21	Growth index in massai grass under different levels of nitrogen fertilization. <i>Revista Brasileira De Zootecnia</i> , <b>2011</b> , 40, 2666-2672	1.2	1
20	Produção e fisiologia de plantas de cajueiro anão precoce sob condições de sequeiro e irrigado. <i>Revista Brasileira De Engenharia Agrícola E Ambiental</i> , <b>2011</b> , 15, 1014-1020	0.9	
19	Biomassa, atividade microbiana e FMA em rotação cultural milho/feijão-de-corda utilizando-se águas salinas. <i>Revista Ciencia Agronomica</i> , <b>2010</b> , 41, 562-570	1	4
18	Rotação cultural feijão caupi/milho utilizando-se águas de salinidades diferentes. <i>Ciencia Rural</i> , <b>2010</b> , 40, 1075-1082	1.3	22
17	Physiologic responses of precocious dwarf cashew at different levels of salinity. <i>Revista Ciencia Agronomica</i> , <b>2010</b> , 41,	1	2
16	Eficiência de utilização de água e nutrientes em plantas de feijão-de-corda irrigadas com água salina em diferentes estágios de desenvolvimento. <i>Engenharia Agrícola</i> , <b>2009</b> , 29, 221-230	0.6	10
15	Salt-induced changes on H <sup>+</sup> -ATPase activity, sterol and phospholipid content and lipid peroxidation of root plasma membrane from dwarf-cashew ( <i>Anacardium occidentale</i> L.) seedlings. <i>Plant Growth Regulation</i> , <b>2009</b> , 59, 125-135	3.2	34
14	Salt Tolerance is Associated with Differences in Ion Accumulation, Biomass Allocation and Photosynthesis in Cowpea Cultivars. <i>Journal of Agronomy and Crop Science</i> , <b>2009</b> , 196, 193-204	3.9	41
13	Acumulação de biomassa e extração de nutrientes por plantas de feijão-de-corda irrigadas com água salina em diferentes estágios de desenvolvimento. <i>Ciencia Rural</i> , <b>2009</b> , 39, 758-765	1.3	27
12	Cowpea ribonuclease: properties and effect of NaCl-salinity on its activation during seed germination and seedling establishment. <i>Plant Cell Reports</i> , <b>2008</b> , 27, 147-57	5.1	38
11	Crescimento, partição de matéria seca e retenção de Na <sup>+</sup> , K <sup>+</sup> e Cl <sup>-</sup> em dois genótipos de sorgo irrigados com águas salinas. <i>Revista Brasileira De Ciencia Do Solo</i> , <b>2007</b> , 31, 961-971	1.5	29
10	Produtividade do feijão-de-corda e acúmulo de sais no solo em função da fração de lixiviação e da salinidade da água de irrigação. <i>Engenharia Agrícola</i> , <b>2007</b> , 27, 702-713	0.6	25
9	Changes in growth and in solute concentrations in sorghum leaves and roots during salt stress recovery. <i>Environmental and Experimental Botany</i> , <b>2005</b> , 54, 69-76	5.9	95
8	Effects of salt stress on plant growth, stomatal response and solute accumulation of different maize genotypes. <i>Brazilian Journal of Plant Physiology</i> , <b>2004</b> , 16, 31-38		94
7	Osmotic adjustment in roots and leaves of two sorghum genotypes under NaCl stress. <i>Brazilian Journal of Plant Physiology</i> , <b>2003</b> , 15, 113-118		20
6	Physiological responses of NaCl stressed cowpea plants grown in nutrient solution supplemented with CaCl <sub>2</sub> . <i>Brazilian Journal of Plant Physiology</i> , <b>2003</b> , 15, 99-105		31
5	Solute accumulation and distribution during shoot and leaf development in two sorghum genotypes under salt stress. <i>Environmental and Experimental Botany</i> , <b>2003</b> , 49, 107-120	5.9	229
4	Plant growth and solute accumulation and distribution in two sorghum genotypes, under NaCl stress. <i>Brazilian Journal of Plant Physiology</i> , <b>2001</b> , 13, 270-284		34

3	Exogenous Silicon and Proline Modulate Osmoprotection and Antioxidant Activity in Cowpea Under Drought Stress. <i>Journal of Soil Science and Plant Nutrition</i> ,1	3.2	1
2	Water salinity and nitrogen fertilization in the production and quality of guava fruits. <i>Bioscience Journal</i> ,837-848	2	4
1	Toxicity indicators and biochemical responses in leaves of Tahiti Acid lime grafted on ten Citrus rootstocks under salt stress. <i>Theoretical and Experimental Plant Physiology</i> ,1	2.4	