

Luis Henrique Basso

List of Publications by Year in descending order

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840776

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#	ARTICLE	IF	CITATIONS
1	Contribution of water content and bulk density to field soil penetration resistance as measured by a combined cone penetrometerâ€“TDR probe. <i>Soil and Tillage Research</i> , 2001, 60, 35-42.	5.6	91
2	Crop water parameters of irrigated wine and table grapes to support water productivity analysis in the SÃ£o Francisco river basin, Brazil. <i>Agricultural Water Management</i> , 2007, 94, 31-42.	5.6	77
3	A spatially distributed hydroeconomic model to assess the effects of drought on land use, farm profits, and agricultural employment. <i>Water Resources Research</i> , 2009, 45, .	4.2	74
4	Water demand and flows in the SÃ£o Francisco River Basin (Brazil) with increased irrigation. <i>Agricultural Water Management</i> , 2009, 96, 1191-1200.	5.6	57
5	Grapevine root distribution in drip and microsprinkler irrigation. <i>Scientia Agricola</i> , 2003, 60, 377-387.	1.2	47
6	Economic impacts of regional water scarcity in the SÃ£o Francisco River Basin, Brazil: an application of a linked hydro-economic model. <i>Environment and Development Economics</i> , 2012, 17, 227-248.	1.5	29
7	Soil Water Retention Measurements Using a Combined Tensiometerâ€“Coiled Time Domain Reflectometry Probe. <i>Soil Science Society of America Journal</i> , 2002, 66, 1752-1759.	2.2	25
8	PRELIMINARY RESULTS OF A LONG-TERM EXPERIMENT ABOUT RDI AND PRD IRRIGATION STRATEGIES IN WINEGRAPES IN SÃ£o FRANCISCO VALLEY, BRAZIL. <i>Acta Horticulturae</i> , 2007, , 275-282.	0.2	20
9	Delineation of irrigation management zones in a Quartzipsamment of the Brazilian semiarid region. <i>Pesquisa Agropecuaria Brasileira</i> , 2016, 51, 1283-1294.	0.9	17
10	Effect of humic substances and weather conditions on leaf biochemical changes of fertigated guava tree, during orchard establishment. <i>Revista Brasileira De Fruticultura</i> , 2007, 29, 632-638.	0.5	16
11	Soil moisture calibration of TDR multilevel probes. <i>Scientia Agricola</i> , 2000, 57, 349-354.	1.2	15
12	Assessing agricultureâ€“water links at the basin scale: hydrologic and economic models of the SÃ£o Francisco River Basin, Brazil. <i>Water International</i> , 2009, 34, 88-103.	1.0	11
13	Water relations of field-grown grapevines in the SÃ£o Francisco Valley, Brazil, under different rootstocks and irrigation strategies. <i>Scientia Agricola</i> , 2009, 66, 436-446.	1.2	10
14	CONSTRUÃ§Ã£o E CALIBRAÃ§Ã£o DE LISÃMETROS DE PESAGEM PARA DETERMINAÃ§Ã£o DA EVAPOTRANSPIRAÃ§Ã£o E COEFICIENTE DE CULTIVO EM VIDEIRA DE VINHO cv. SYRAH. <i>Irriga</i> , 2011, 16, 271.	0.1	10
15	Guidelines for irrigation scheduling of banana crop in SÃ£o Francisco Valley, Brazil< A HREF="#back1">. II - Water consumption, crop coefficient, and physiological behavior. <i>Revista Brasileira De Fruticultura</i> , 2004, 26, 464-467.	0.5	10
16	Organic and Nitrogen Fertilization of Soil under â€“Syrahâ€™ Grapevine: Effects on Soil Chemical Properties and Nitrate Concentration. <i>Revista Brasileira De Ciencia Do Solo</i> , 2016, 40, .	1.3	9
17	INFLUÃŠNCIA DE MANEJOS DE IRRIGAÃ§Ã£o SOBRE ASPECTOS DE ECOFISIOLOGIA E DE PRODUÃ§Ã£o DA VIDEIRA CV. SYRAH / PAULSEN 1103. <i>Irriga</i> , 2011, 16, 395.	0.1	9
18	Estimativa do consumo hÃdrico da goiabeira, utilizando estaÃ§Ãµes agrometeorolÃ³gicas automÃ¡tica e convencional. <i>Revista Brasileira De Fruticultura</i> , 2003, 25, 457-460.	0.5	8

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19	Spatial patterns of rural poverty: an exploratory analysis in the São Francisco River Basin, Brazil. <i>Nova Economia</i> , 2011, 21, 45-66.	0.4	8
20	HEAVY METALS AND MICRONUTRIENTS IN THE SOIL AND GRAPEVINE UNDER DIFFERENT IRRIGATION STRATEGIES. <i>Revista Brasileira De Ciencia Do Solo</i> , 2015, 39, 162-173.	1.3	8
21	Root distribution of irrigated grapevine rootstocks in a coarse texture soil of the São Francisco Valley, Brazil. <i>Revista Brasileira De Fruticultura</i> , 2002, 24, 35-38.	0.5	7
22	Zonas homogêneas de atributos do solo para o manejo de irrigação em pomar de videira. <i>Revista Brasileira De Ciencia Do Solo</i> , 2014, 38, 1101-1113.	1.3	7
23	TEMPORAL VARIATION AND SPATIAL DISTRIBUTION OF RELATIVE INDICES OF LEAF CHLOROPHYLL IN GRAPEVINE cv. CHARDONNAY. <i>Engenharia Agricola</i> , 2019, 39, 74-84.	0.7	7
24	Assessment on nutrient levels in the aerial biomass of irrigated guava in São Francisco Valley, Brazil. <i>Revista Brasileira De Fruticultura</i> , 2007, 29, 705-709.	0.5	7
25	Distribuição do sistema radicular do milho em terra roxa estruturada latossólica: II. Comparação entre cultura irrigada e fertirrigada. <i>Scientia Agricola</i> , 1994, 51, 541-548.	1.2	7
26	Estimativa da evapotranspiração da mangueira com base no balanço hídrico do solo. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , 2001, 5, 456-462.	1.1	7
27	Modelagem da variação horária da temperatura do ar em Petrolina, PE, e Botucatu, SP. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , 2011, 15, 959-965.	1.1	7
28	Ácidos Húmicos em solo fertirrigado no Vale do São Francisco. <i>Revista Brasileira De Ciencia Do Solo</i> , 2009, 33, 1583-1592.	1.3	6
29	Effects of levels of nitrogen and potassium on yield and fruit maturation of irrigated guava trees in the São Francisco Valley. <i>Revista Brasileira De Fruticultura</i> , 2008, 30, 246-250.	0.5	6
30	A parsimonious crop-water productivity index: an application to Brazil. <i>Area</i> , 2009, 41, 94-106.	1.6	5
31	ATRIBUTOS DO SOLO, PRODUTIVO DA VIDEIRA SYRAH™ IRRIGADA E COMPOSIÇÃO DO MOSTO EM FUNÇÃO DA ADUBAÇÃO ORGÂNICA E NITROGENADA. <i>Revista Brasileira De Fruticultura</i> , 2015, 37, 220-229.	0.5	5
32	Deficit irrigation in grapevine cv. Syrah during two growing seasons in the brazilian semiarid. <i>Engenharia Agricola</i> , 2015, 35, 430-441.	0.7	5
33	Evapotranspiration and biomass modelling in the Pontal Sul Irrigation Scheme. <i>International Journal of Remote Sensing</i> , 2020, 41, 2326-2338.	2.9	5
34	ESTUDO COMPARATIVO DE MÉTODOS PARA A DETERMINAÇÃO DA CURVA DE RETENÇÃO DE ÁGUA NO SOLO. <i>Irriga</i> , 2010, 15, 193-207.	0.1	5
35	Soil spatial variability and the estimation of the irrigation water depth. <i>Scientia Agricola</i> , 2001, 58, 549-553.	1.2	4
36	Guidelines for irrigation scheduling of banana crop in São Francisco Valley, Brazil. I - Root distribution and activity. <i>Revista Brasileira De Fruticultura</i> , 2004, 26, 459-463.	0.5	4

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37	Homogeneous zones of vegetation index for characterizing variability and site-specific management in vineyards. <i>Scientia Agricola</i> , 2021, 78, .	1.2	4
38	Responses of 'Syrah' grapevine to deficit irrigation in the Brazilian semi-arid region. <i>Agricultural Water Management</i> , 2021, 258, 107186.	5.6	4
39	PLANILHA ELETRÔNICA PARA AUXÍLIO À TOMADA DE DECISÃO EM MANEJO DE IRRIGAÇÃO. <i>Irriga</i> , 2012, 17, 011		4
40	COMPARAÇÃO ENTRE MÉTODOS DE ESTIMATIVA DA EVAPOTRANSPIRAÇÃO DE REFERÊNCIA PARA O MUNICÍPIO DE PETROLINA, PE. <i>Irriga</i> , 2017, 1, 31-39.	0.1	4
41	Irrigation in the age of agriculture 4.0: management, monitoring and precision. <i>Revista Ciencia Agronomica</i> , 2020, 51, .	0.3	4
42	Metabolic responses of guava trees irrigated with different N and K levels in São Francisco Valley. <i>Revista Brasileira De Fruticultura</i> , 2007, 29, 323-328.	0.5	3
43	Desenvolvimento de cultivares de beterraba sob diferentes tensões da água no solo. <i>Horticultura Brasileira</i> , 2015, 33, 12-18.	0.5	3
44	Nitrate and potassium movement in a sandy loam soil cultivated with fertigated grapevine (Vitis) Tj ETQq0 0 0 rgBT /Overlock, 10 Tf 50 4	0.5	3
45	ADUBAÇÃO ORGÂNICA E FERTIRRIGAÇÃO POTÁSSICA EM VIDEIRA "SYRAH" NO SEMIÁRIDO. <i>Irriga</i> , 2014, 1, 168. 3		3
46	Nitrate and potassium concentration in fertigated soil cultivated with wine vines. <i>Ciencia E Agrotecnologia</i> , 2016, 40, 305-316.	1.5	3
47	DELIMITATION OF HOMOGENEOUS ZONES IN VINEYARDS USING GEOSTATISTICS AND MULTIVARIATE ANALYSIS OF DIFFERENT VEGETATION INDICES. <i>Engenharia Agricola</i> , 2019, 39, 13-22.	0.7	3
48	TROCAS GASOSAS E COMPOSIÇÃO FÍSICO-QUÍMICA DE VINHOS EM FUNÇÃO DE ESTRATÉGIAS DE IRRIGAÇÃO. <i>Irriga</i> , 2016, 1, 205.	0.1	2
49	INFLUENCE OF IRRIGATION STRATEGIES ON THE PHYSICOCHEMICAL PROPERTIES OF "SYRAH" WINE PRODUCED IN SÃO FRANCISCO VALLEY. <i>Irriga</i> , 2018, 23, 818-834.	0.1	2
50	FOLIAR CARBOHYDRATE CONTENT AND INVERTASE ACTIVITY OF 'SYRAH' AND 'MOSCATO CANELLI' VINES SUBJECTED TO PARTIAL ROOTZONE DRYING AND REGULATED DEFICIT IRRIGATION. <i>Acta Horticulturae</i> , 2007, , 301-308.	0.2	2
51	Guidelines for irrigation scheduling of peach palm for heart-of-palm production in the São Francisco Valley, Brazil. <i>Horticultura Brasileira</i> , 2003, 21, 681-685.	0.5	2
52	Nitrous oxide emission in response to N application in irrigated sugarcane. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , 2018, 22, 758-763.	1.1	1
53	EFFECTS OF SIZE AND SAMPLING GRID ON THE QUALITY OF APPARENT SOIL ELECTRICAL CONDUCTIVITY MAPS. <i>Engenharia Agricola</i> , 2019, 39, 1-12.	0.7	1
54	VARIABILIDADE ESPACIAL E ESTABILIDADE TEMPORAL DO ARMAZENAMENTO DE ÁGUA EM SOLO ARENOSO CULTIVADO COM VIDEIRAS IRRIGADAS. <i>Irriga</i> , 2016, 1, 319.	0.1	1

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55	Atrazine movement in a dark red latosol of the tropics. <i>Scientia Agricola</i> , 1997, 54, 116-120.	1.2	0
56	Distribuição radicular de cultivares de aspargo em áreas irrigadas de Petrolina - PE. <i>Horticultura Brasileira</i> , 2001, 19, 17-24.	0.5	0
57	Modelagem Espacial da Água em Solo Arenoso com Cultivo Irrigado no Semiárido. <i>Water Resources and Irrigation Management</i> , 2015, 4, 15-24.	0.0	0
58	ESTIMATIVA DA DEMANDA HÁDRICA DE DIFERENTES CULTURAS NO PERÍMETRO IRRIGADO PONTAL SUL. <i>Irriga</i> , 2021, 26, 367-382.	0.1	0
59	Corn crop responds positively to fertigation with black water from sewage treated by decentralized anaerobic system. <i>Ciencia E Agrotecnologia</i> , 0, 46, .	1.5	0