

Girisha K Ganjegunte

List of Publications by Year in descending order

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46
papers

1,227
citations

394421

19
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377865

34
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47
all docs

47
docs citations

47
times ranked

1373
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of quinoa genotypes for their salinity tolerance at germination and seedling stages. , 2022, 5, .		1
2	Comparing the effect of different irrigation water scenarios on arid region pecan orchard using a system dynamics approach. Agricultural Water Management, 2022, 265, 107547.	5.6	4
3	Robust crop water simulation using system dynamic approach for participatory modeling. Environmental Modelling and Software, 2021, 135, 104899.	4.5	4
4	Response of soil organic carbon and soil health indicators to treated wastewater irrigation in bioenergy sorghum production on an arid soil. Land Degradation and Development, 2021, 32, 2197-2209.	3.9	6
5	Switchgrass biomass yield and composition and soil quality as affected by treated wastewater irrigation in an arid environment. Biomass and Bioenergy, 2021, 151, 106160.	5.7	5
6	Yield response of canola as a biofuel feedstock and soil quality changes under treated urban wastewater irrigation and soil amendment application. Industrial Crops and Products, 2021, 170, 113659.	5.2	7
7	Effects of treated urban wastewater irrigation on bioenergy sorghum and soil quality. Agricultural Water Management, 2020, 228, 105894.	5.6	42
8	Energy Sorghum Production under Arid and Semi-Arid Environments of Texas. Water (Switzerland), 2019, 11, 1344.	2.7	1
9	Growth Response and Productivity of Sorghum for Bioenergy Production in South Texas. Transactions of the ASABE, 2019, 62, 1207-1218.	1.1	8
10	Germination, Growth, and Ion Uptake of 15 Guar Accessions under Elevated Salinity. , 2019, 2, 1-9.		6
11	Soil organic carbon balance and nutrients (NPK) availability under treated wastewater irrigation for bioenergy sorghum production in an arid ecosystem. Archives of Agronomy and Soil Science, 2019, 65, 345-359.	2.6	5
12	Treated urban wastewater irrigation effects on bioenergy sorghum biomass, quality, and soil salinity in an arid environment. Land Degradation and Development, 2018, 29, 534-542.	3.9	12
13	Soil quality changes due to flood irrigation in agricultural fields along the Rio Grande in western Texas. Applied Geochemistry, 2018, 90, 87-100.	3.0	29
14	Organic carbon, nutrient, and salt dynamics in saline soil and switchgrass (<i>Panicum virgatum</i> L.) irrigated with treated municipal wastewater. Land Degradation and Development, 2018, 29, 80-90.	3.9	28
15	Salinity Management in Pima Cotton Fields Using Sulfur Burner. , 2018, 1, 1-10.		12
16	Relative Salt Tolerance of 22 Pomegranate (<i>Punica granatum</i>) Cultivars. Hortscience: A Publication of the American Society for Horticultural Science, 2018, 53, 1513-1519.	1.0	29
17	Comparative study of early growth stages of 25 guar (<i>Cyamopsis tetragonoloba</i> L.) genotypes under elevated salinity. Industrial Crops and Products, 2018, 123, 164-172.	5.2	9
18	Evaluation of Guar (<i>Cyamopsis tetragonoloba</i> L.) genotypes performance under different irrigation water salinity levels: Growth parameters and seed yield. Industrial Crops and Products, 2018, 123, 247-253.	5.2	8

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19	Salt Tolerance of Six Switchgrass Cultivars. <i>Agriculture (Switzerland)</i> , 2018, 8, 66.	3.1	5
20	Effects of treated municipal wastewater irrigation on soil properties, switchgrass biomass production and quality under arid climate. <i>Industrial Crops and Products</i> , 2017, 99, 60-69.	5.2	38
21	Improved irrigation scheduling for freshwater conservation in the desert southwest U.S.. <i>Irrigation Science</i> , 2017, 35, 315-326.	2.8	23
22	Soil Salinity of an Urban Park after Long-Term Irrigation with Saline Ground Water. <i>Agronomy Journal</i> , 2017, 109, 3011-3018.	1.8	19
23	Isotopic studies of the Upper and Middle Rio Grande. Part 2 – Salt loads and human impacts in south New Mexico and west Texas. <i>Chemical Geology</i> , 2015, 411, 336-350.	3.3	15
24	Yield, water use efficiency and economic analysis of energy sorghum in South Texas. <i>Biomass and Bioenergy</i> , 2015, 81, 339-344.	5.7	24
25	SOIL SALINITY AND SODICITY APPRAISAL BY ELECTROMAGNETIC INDUCTION IN SOILS IRRIGATED TO GROW COTTON. <i>Land Degradation and Development</i> , 2014, 25, 228-235.	3.9	43
26	SOIL PROPERTY CHANGES FOLLOWING IRRIGATION WITH COALBED NATURAL GAS WATER: ROLE OF WATER TREATMENTS, SOIL AMENDMENTS AND LAND SUITABILITY. <i>Land Degradation and Development</i> , 2013, 24, 350-362.	3.9	23
27	Seedling emergence, growth, and leaf mineral nutrition of <i>Ricinus communis</i> L. cultivars irrigated with saline solution. <i>Industrial Crops and Products</i> , 2013, 49, 75-80.	5.2	21
28	Using Electro-Magnetic Induction to Determine Soil Salinity and Sodicity in Turf Root Zones. <i>Agronomy Journal</i> , 2013, 105, 836-844.	1.8	15
29	Evaluating the accuracy of soil water sensors for irrigation scheduling to conserve freshwater. <i>Applied Water Science</i> , 2012, 2, 119-125.	5.6	41
30	Improving Saline-Sodic Coalbed Natural Gas Water Quality Using Natural Zeolites. <i>Journal of Environmental Quality</i> , 2011, 40, 57-66.	2.0	22
31	Salinity Management Using an Anionic Polymer in a Pecan Field with Calcareous-Sodic Soil. <i>Journal of Environmental Quality</i> , 2011, 40, 1314-1321.	2.0	13
32	Delineating Salinity and Sodicity Distribution in Major Soil Map Units of El Paso, Texas, Using Electromagnetic Induction Technique. <i>Soil Science</i> , 2011, 176, 441-447.	0.9	7
33	Irrigation effects of cooling tower effluent on soil chemistry and alfalfa in the Rio Grande river basin. <i>Land Degradation and Development</i> , 2011, 22, 410-424.	3.9	7
34	Application of electromagnetic induction technique for soil salinity and sodicity appraisal. , 2010, , .		4
35	Accumulation and composition of total organic carbon in reclaimed coal mine lands. <i>Land Degradation and Development</i> , 2009, 20, 156-175.	3.9	65
36	Use of zeolites for treating natural gas co-produced waters in Wyoming, USA. <i>Desalination</i> , 2008, 228, 263-276.	8.2	45

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37	Irrigation with coalbed natural gas co-produced water. <i>Agricultural Water Management</i> , 2008, 95, 1243-1252.	5.6	53
38	Soil and Plant Responses from Land Application of Salineâ€“Sodic Waters: Implications of Management. <i>Journal of Environmental Quality</i> , 2008, 37, S139-48.	2.0	46
39	Grazing Impacts on Soil Carbon and Microbial Communities in a Mixedâ€“Grass Ecosystem. <i>Soil Science Society of America Journal</i> , 2008, 72, 939-948.	2.2	160
40	Cumulative Soil Chemistry Changes from Land Application of Salineâ€“Sodic Waters. <i>Journal of Environmental Quality</i> , 2008, 37, S128-38.	2.0	37
41	Effects of the addition of forest floor extracts on soil carbon dioxide efflux. <i>Biology and Fertility of Soils</i> , 2006, 43, 199-207.	4.3	11
42	LAND APPLICATION OF SALINE-SODIC COALBED NATURAL GAS (CBNG) CO-PRODUCED WATERS: SOIL AND VEGETATION IMPACTS. <i>Journal of the American Society of Mining and Reclamation</i> , 2006, 2006, 344-361.	0.3	4
43	Effects of mixing radiata pine needles and understory litters on decomposition and nutrients release. <i>Biology and Fertility of Soils</i> , 2005, 41, 310-319.	4.3	19
44	Soil Organic Carbon Composition in a Northern Mixedâ€“Grass Prairie. <i>Soil Science Society of America Journal</i> , 2005, 69, 1746-1756.	2.2	60
45	Soil Chemical Changes Resulting from Irrigation with Water Co-Produced with Coalbed Natural Gas. <i>Journal of Environmental Quality</i> , 2005, 34, 2217-2227.	2.0	50
46	Decomposition and nutrient release from radiata pine (<i>Pinus radiata</i>) coarse woody debris. <i>Forest Ecology and Management</i> , 2004, 187, 197-211.	3.2	140