

Girisha K Ganjegunte

List of Publications by Year in descending order

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46
papers

1,227
citations

394421

19
h-index

377865

34
g-index

47
all docs

47
docs citations

47
times ranked

1373
citing authors

#	ARTICLE	IF	CITATIONS
1	Grazing Impacts on Soil Carbon and Microbial Communities in a Mixed Grass Ecosystem. <i>Soil Science Society of America Journal</i> , 2008, 72, 939-948.	2.2	160
2	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
3	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
4	Soil Organic Carbon Composition in a Northern Mixed Grass Prairie. <i>Soil Science Society of America Journal</i> , 2005, 69, 1746-1756.	2.2	60
5	Irrigation with coalbed natural gas co-produced water. <i>Agricultural Water Management</i> , 2008, 95, 1243-1252.	5.6	53
6	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
7	Soil and Plant Responses from Land Application of Saline Sodic Waters: Implications of Management. <i>Journal of Environmental Quality</i> , 2008, 37, S139-48.	2.0	46
8	Use of zeolites for treating natural gas co-produced waters in Wyoming, USA. <i>Desalination</i> , 2008, 228, 263-276.	8.2	45
9	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
10	Effects of treated urban wastewater irrigation on bioenergy sorghum and soil quality. <i>Agricultural Water Management</i> , 2020, 228, 105894.	5.6	42
11	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
12	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
13	Cumulative Soil Chemistry Changes from Land Application of Saline Sodic Waters. <i>Journal of Environmental Quality</i> , 2008, 37, S128-38.	2.0	37
14	Soil quality changes due to flood irrigation in agricultural fields along the Rio Grande in western Texas. <i>Applied Geochemistry</i> , 2018, 90, 87-100.	3.0	29
15	Relative Salt Tolerance of 22 Pomegranate (<i>Punica granatum</i>) Cultivars. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2018, 53, 1513-1519.	1.0	29
16	Organic carbon, nutrient, and salt dynamics in saline soil and switchgrass (<i>Panicum virgatum</i> L.) irrigated with treated municipal wastewater. <i>Land Degradation and Development</i> , 2018, 29, 80-90.	3.9	28
17	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
18	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

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19	Improved irrigation scheduling for freshwater conservation in the desert southwest U.S.. Irrigation Science, 2017, 35, 315-326.	2.8	23
20	Improving Salineâ€Sodic Coalbed Natural Gas Water Quality Using Natural Zeolites. Journal of Environmental Quality, 2011, 40, 57-66.	2.0	22
21	Seedling emergence, growth, and leaf mineral nutrition of Ricinus communis L. cultivars irrigated with saline solution. Industrial Crops and Products, 2013, 49, 75-80.	5.2	21
22	Effects of mixing radiata pine needles and understory litters on decomposition and nutrients release. Biology and Fertility of Soils, 2005, 41, 310-319.	4.3	19
23	Soil Salinity of an Urban Park after Longâ€Term Irrigation with Saline Ground Water. Agronomy Journal, 2017, 109, 3011-3018.	1.8	19
24	Using Electroâ€Magnetic Induction to Determine Soil Salinity and Sodicity in Turf Root Zones. Agronomy Journal, 2013, 105, 836-844.	1.8	15
25	Isotopic studies of the Upper and Middle Rio Grande. Part 2 â€ Salt loads and human impacts in south New Mexico and west Texas. Chemical Geology, 2015, 411, 336-350.	3.3	15
26	Salinity Management Using an Anionic Polymer in a Pecan Field with Calcareous-Sodic Soil. Journal of Environmental Quality, 2011, 40, 1314-1321.	2.0	13
27	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
28	Salinity Management in Pima Cotton Fields Using Sulfur Burner. , 2018, 1, 1-10.		12
29	Effects of the addition of forest floor extracts on soil carbon dioxide efflux. Biology and Fertility of Soils, 2006, 43, 199-207.	4.3	11
30	Comparative study of early growth stages of 25 guar (Cyamopsis tetragonoloba L.) genotypes under elevated salinity. Industrial Crops and Products, 2018, 123, 164-172.	5.2	9
31	Evaluation of Guar (Cyamopsis tetragonoloba 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
32	Growth Response and Productivity of Sorghum for Bioenergy Production in South Texas. Transactions of the ASABE, 2019, 62, 1207-1218.	1.1	8
33	Delineating Salinity and Sodicity Distribution in Major Soil Map Units of El Paso, Texas, Using Electromagnetic Induction Technique. Soil Science, 2011, 176, 441-447.	0.9	7
34	Irrigation effects of cooling tower effluent on soil chemistry and alfalfa in the Rio Grande river basin. Land Degradation and Development, 2011, 22, 410-424.	3.9	7
35	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
36	Germination, Growth, and Ion Uptake of 15 Guar Accessions under Elevated Salinity. , 2019, 2, 1-9.		6

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37	Response of soil organic carbon and soil health indicators to treated wastewater irrigation in bioenergy sorghum production on an arid soil. <i>Land Degradation and Development</i> , 2021, 32, 2197-2209.	3.9	6
38	Salt Tolerance of Six Switchgrass Cultivars. <i>Agriculture (Switzerland)</i> , 2018, 8, 66.	3.1	5
39	Soil organic carbon balance and nutrients (NPK) availability under treated wastewater irrigation for bioenergy sorghum production in an arid ecosystem. <i>Archives of Agronomy and Soil Science</i> , 2019, 65, 345-359.	2.6	5
40	Switchgrass biomass yield and composition and soil quality as affected by treated wastewater irrigation in an arid environment. <i>Biomass and Bioenergy</i> , 2021, 151, 106160.	5.7	5
41	Application of electromagnetic induction technique for soil salinity and sodicity appraisal. , 2010, , .		4
42	Robust crop water simulation using system dynamic approach for participatory modeling. <i>Environmental Modelling and Software</i> , 2021, 135, 104899.	4.5	4
43	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
44	Comparing the effect of different irrigation water scenarios on arid region pecan orchard using a system dynamics approach. <i>Agricultural Water Management</i> , 2022, 265, 107547.	5.6	4
45	Energy Sorghum Production under Arid and Semi-Arid Environments of Texas. <i>Water (Switzerland)</i> , 2019, 11, 1344.	2.7	1
46	Evaluation of quinoa genotypes for their salinity tolerance at germination and seedling stages. , 2022, 5, .		1