

Ardeshir Adeli

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

1,243
citations

361413
20
h-index

434195
31
g-index

69
all docs

69
docs citations

69
times ranked

1028
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbial ecology, bacterial pathogens, and antibiotic resistant genes in swine manure wastewater as influenced by three swine management systems. <i>Water Research</i> , 2014, 57, 96-103.	11.3	102
2	Effects of Broiler Litter on Soybean Production and Soil Nitrogen and Phosphorus Concentrations. <i>Agronomy Journal</i> , 2005, 97, 314-321.	1.8	60
3	Trend Analysis and Forecast of Precipitation, Reference Evapotranspiration, and Rainfall Deficit in the Blackland Prairie of Eastern Mississippi. <i>Journal of Applied Meteorology and Climatology</i> , 2016, 55, 1425-1439.	1.5	60
4	Swine Lagoon Effluent as a Source of Nitrogen and Phosphorus for Summer Forage Grasses. <i>Agronomy Journal</i> , 2001, 93, 1174-1181.	1.8	57
5	Rainfall Simulation in Greenhouse Microcosms to Assess Bacterial-Associated Runoff from Land-Applied Poultry Litter. <i>Journal of Environmental Quality</i> , 2009, 38, 218-229.	2.0	45
6	Equivalency of Broiler Litter to Ammonium Nitrate as a Cotton Fertilizer in an Upland Soil. <i>Agronomy Journal</i> , 2010, 102, 251-257.	1.8	39
7	Swine Effluent Irrigation Rate and Timing Effects on Bermudagrass Growth, Nitrogen and Phosphorus Utilization, and Residual Soil Nitrogen. <i>Journal of Environmental Quality</i> , 2003, 32, 681-686.	2.0	38
8	Enhancing Management of Fall-Applied Poultry Litter with Cover Crop and Subsurface Band Placement in No-Till Cotton. <i>Agronomy Journal</i> , 2015, 107, 449-458.	1.8	38
9	Effects of Broiler Litter Applied to No-Till and Tillage Cotton on Selected Soil Properties. <i>Soil Science Society of America Journal</i> , 2007, 71, 974-983.	2.2	35
10	Influence of land use and land cover on the spatial variability of dissolved organic matter in multiple aquatic environments. <i>Environmental Science and Pollution Research</i> , 2017, 24, 14124-14141.	5.3	35
11	Year-Round Soil Nutrient Dynamics from Broiler Litter Application to Three Bermudagrass Cultivars. <i>Agronomy Journal</i> , 2004, 96, 525-530.	1.8	34
12	Evaluation of Reference Evapotranspiration Methods in Arid, Semiarid, and Humid Regions. <i>Journal of the American Water Resources Association</i> , 2017, 53, 791-808.	2.4	32
13	Lint Yield and Fiber Quality of Cotton Fertilized with Broiler Litter. <i>Agronomy Journal</i> , 2007, 99, 184-194.	1.8	29
14	Broiler Litter Fertilization and Cropping System Impacts on Soil Properties. <i>Agronomy Journal</i> , 2009, 101, 1304-1310.	1.8	28
15	Nutrient Dynamics from Broiler Litter Applied to No-Till Cotton in an Upland Soil. <i>Agronomy Journal</i> , 2008, 100, AGJ2AGRONJ20070224.	1.8	26
16	No-Till and Conventional-Till Cotton Response to Broiler Litter Fertilization in an Upland Soil: Lint Yield. <i>Agronomy Journal</i> , 2008, 100, 502-509.	1.8	26
17	Comparison of Broiler Litter and Commercial Fertilizer at Equivalent N Rates on Soil Properties. <i>Communications in Soil Science and Plant Analysis</i> , 2010, 41, 2432-2447.	1.4	23
18	Rain Water Deficit and Irrigation Demand of Major Row Crops in the Mississippi Delta. <i>Transactions of the ASABE</i> , 2018, 61, 927-935.	1.1	23

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19	Cotton Response to Chicken Litter in Rotation with Corn in Clayey Soil. <i>Agronomy Journal</i> , 2009, 101, 626-634.	1.8	22
20	Mineral Nutrition of Cotton Fertilized with Poultry Litter or Ammonium Nitrate. <i>Agronomy Journal</i> , 2011, 103, 1704-1711.	1.8	22
21	Cultivation and qPCR Detection of Pathogenic and Antibiotic-Resistant Bacterial Establishment in Naive Broiler Houses. <i>Journal of Environmental Quality</i> , 2016, 45, 958-966.	2.0	22
22	Cover Crop Use for Managing Broiler Litter Applied in the Fall. <i>Agronomy Journal</i> , 2011, 103, 200-210.	1.8	21
23	Fall and Spring Applied Poultry Litter Effectiveness as Corn Fertilizer in the Mid-Southern United States. <i>Agronomy Journal</i> , 2013, 105, 1743-1748.	1.8	20
24	Effects of Soil Type on Bermudagrass Response to Broiler Litter Application. <i>Agronomy Journal</i> , 2006, 98, 148-155.	1.8	19
25	Poultry Litter and Cover Crop Integration into No-Till Cotton on Upland Soil. <i>Agronomy Journal</i> , 2019, 111, 2097-2107.	1.8	19
26	Phosphorus Extraction by Cotton Fertilized with Broiler Litter. <i>Agronomy Journal</i> , 2007, 99, 999-1008.	1.8	18
27	Runoff Quality from No-Till Cotton Fertilized with Broiler Litter in Subsurface Bands. <i>Journal of Environmental Quality</i> , 2013, 42, 284-291.	2.0	18
28	Management Strategies on an Upland Soil for Improving Soil Properties. <i>Communications in Soil Science and Plant Analysis</i> , 2020, 51, 413-429.	1.4	18
29	Effects of Subsurface Banding and Broadcast of Poultry Litter and Cover Crop on Soil Microbial Populations. <i>Journal of Environmental Quality</i> , 2018, 47, 427-435.	2.0	17
30	Simulating the Fate of Fall- and Spring-Applied Poultry Litter Nitrogen in Corn Production. <i>Soil Science Society of America Journal</i> , 2015, 79, 1804-1814.	2.2	15
31	Consequences of pelletized poultry litter applications on soil physical and hydraulic properties in reduced tillage, continuous cotton system. <i>Soil and Tillage Research</i> , 2019, 194, 104309.	5.6	15
32	The effect of poultry manure application rate and AlCl ₃ treatment on bacterial fecal indicators in runoff. <i>Journal of Water and Health</i> , 2012, 10, 619-628.	2.6	14
33	Rainwater Deficit and Irrigation Demand for Row Crops in Mississippi Blackland Prairie. <i>Soil Science Society of America Journal</i> , 2018, 82, 423-435.	2.2	14
34	Post-reclamation Age Effects on Soil Physical Properties and Microbial Activity Under Forest and Pasture Ecosystems. <i>Communications in Soil Science and Plant Analysis</i> , 2019, 50, 20-34.	1.4	14
35	Swine Effluent Application Timing and Rate Affect Nitrogen Use Efficiency in Common Bermudagrass. <i>Journal of Environmental Quality</i> , 2008, 37, S180-9.	2.0	13
36	Continuous and Residual Effects of Broiler Litter Application to Cotton on Soil Properties. <i>Soil Science</i> , 2011, 176, 668-675.	0.9	13

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37	Broiler Litter Type and Placement Effects on Corn Growth, Nitrogen Utilization, and Residual Soil Nitrate–Nitrogen in a No–Till Field. <i>Agronomy Journal</i> , 2012, 104, 43-48.	1.8	13
38	Broiler chicken litter application timing effect on Coastal bermudagrass in southeastern U.S.. <i>Nutrient Cycling in Agroecosystems</i> , 2008, 81, 49-57.	2.2	12
39	Apparent Use Efficiency of Nitrogen and Phosphorus from Litter Applied to Bermudagrass. <i>Communications in Soil Science and Plant Analysis</i> , 2010, 41, 1873-1884.	1.4	12
40	Phosphorus Dynamics in Broiler Litter–Amended Soils. <i>Communications in Soil Science and Plant Analysis</i> , 2005, 36, 1099-1115.	1.4	11
41	Subsurface Band Placement of Pelletized Poultry Litter in Cotton. <i>Agronomy Journal</i> , 2016, 108, 1356-1366.	1.8	11
42	Bacterial Community Structure Recovery in Reclaimed Coal Mined Soil under Two Vegetative Regimes. <i>Journal of Environmental Quality</i> , 2019, 48, 1029-1037.	2.0	11
43	Swine Effluent Irrigation Rate and Timing Effects on Bermudagrass Growth, Nitrogen and Phosphorus Utilization, and Residual Soil Nitrogen. <i>Journal of Environmental Quality</i> , 2003, 32, 681.	2.0	10
44	Effect of Surface Incorporation of Broiler Litter Applied to No–Till Cotton on Runoff Quality. <i>Journal of Environmental Quality</i> , 2011, 40, 566-574.	2.0	10
45	Corn and soybean grain yield responses to soil amendments and cover crop in upland soils. <i>Journal of Plant Nutrition</i> , 2019, 42, 2484-2497.	1.9	10
46	Effects of Bedding Materials in Applied Poultry Litter and Immobilizing Agents on Runoff Water, Soil Properties, and Bermudagrass Growth. <i>Journal of Environmental Quality</i> , 2014, 43, 290-296.	2.0	9
47	Soybean Yield and Nutrient Utilization following Long-Term Pelletized Broiler Litter Application to Cotton. <i>Agronomy Journal</i> , 2015, 107, 1128-1134.	1.8	9
48	Effects of Drying Intervals and Repeated Rain Events on Runoff Nutrient Dynamics from Soil Treated with Broiler Litter. <i>Agroecology and Sustainable Food Systems</i> , 2006, 28, 67-83.	0.9	8
49	Using broiler litter and swine manure lagoon effluent in sawdust-based swine mortality composts: Effects on nutrients, bacteria, and gaseous emissions. <i>Science of the Total Environment</i> , 2015, 532, 265-280.	8.0	8
50	Nutrients and Bacteria in Common Contiguous Mississippi Soils with and without Broiler Litter Fertilization. <i>Journal of Environmental Quality</i> , 2011, 40, 1322-1331.	2.0	7
51	Harvest Management Effects on ‘Tifton 44’ Bermudagrass Phosphorus Removal and Nutritive Value. <i>Agronomy Journal</i> , 2018, 110, 879-889.	1.8	7
52	Soil health assessment methods: Progress, applications and comparison. <i>Advances in Agronomy</i> , 2022, , 129-210.	5.2	7
53	Effects of tillage and broiler litter on crop productions in an eroded soil. <i>Soil and Tillage Research</i> , 2017, 165, 198-209.	5.6	6
54	Effects of Seasonal Nitrogen on Binary Mixtures of Tall Fescue and Bermudagrass. <i>Agronomy Journal</i> , 2014, 106, 1667-1676.	1.8	5

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55	Composting and Gypsum Amendment of Broiler Litter to Reduce Nutrient Leaching Loss. Journal of Environmental Quality, 2015, 44, 676-683.	2.0	5
56	Effects on Selected Soil Properties of Subsurface Banding and Surface Broadcasting Pelletized Poultry Litter on Cotton. Soil Science, 2018, 183, 112-120.	0.9	4
57	Impact of Cover Crop on Nutrient Losses in an Upland Soil. Communications in Soil Science and Plant Analysis, 2021, 52, 536-550.	1.4	4
58	Soil physical and hydrological properties as affected by a five-year history of poultry litter applied to a cotton-corn-soybean rotation system. Soil Science Society of America Journal, 2021, 85, 800-813.	2.2	4
59	Organic Amendments and Nutrient Leaching in Soil Columns. Agronomy Journal, 2017, 109, 1294-1302.	1.8	3
60	Short-term and seasonal soil nitrogen dynamics and recovery by bermudagrass irrigated with 15N labelled swine lagoon effluent. Plant and Soil, 2017, 410, 437-451.	3.7	3
61	Nutritive Value and Nutrient Uptake of Summer-Active and Summer-Dormant Tall Fescue under Different Broiler Litter Rates. Agronomy Journal, 2017, 109, 473-482.	1.8	3
62	Lignite Coal and Biochar Reduce Ammonia Emissions from Broiler Litter. International Journal of Poultry Science, 2020, 19, 137-141.	0.1	3
63	Improving estimates of N and P loads in irrigation water from swine manure lagoons. Irrigation Science, 2016, 34, 245-260.	2.8	1
64	Broiler Litter – Industrial By-Products Reduce Nutrients and Microbial Losses in Surface Runoff When Applied to Forages. Journal of Environmental Quality, 2017, 46, 339-347.	2.0	1
65	Cotton Response to Residual Poultry Litter: Leaf Area, Nitrogen Removal, and Yield. Agronomy Journal, 2018, 110, 2360-2368.	1.8	1
66	Managing harvest of ‘Russell’™ and ‘Tifton 44’™ bermudagrass receiving broiler litter for nutritive value and phosphorus removal. Crop, Forage and Turfgrass Management, 2020, 6, e20013.	0.6	1
67	Effects of Swine Lagoon Effluent and Commercial Fertilizer Applications on Phosphorus Status of an Acid and Alkaline Soil. Communications in Soil Science and Plant Analysis, 2006, 37, 2011-2030.	1.4	0
68	Pelleted biosolids and cover crop effects on major Southern row crops. Journal of Plant Nutrition, 2021, 44, 2677-2690.	1.9	0
69	Integration of pelleted biosolids with cover crops for improving soil properties. Soil Science Society of America Journal, 2022, 86, 728-741.	2.2	0