Ardeshir Adeli

List of Publications by Year
in descending order

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69 papers	1,243 citations	361388 20 h-index	434170 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. Water Research, 2014, 57, 96-103.	11.3	102
2	Effects of Broiler Litter on Soybean Production and Soil Nitrogen and Phosphorus Concentrations. Agronomy Journal, 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. Journal of Applied Meteorology and Climatology, 2016, 55, 1425-1439.	1.5	60
4	Swine Lagoon Effluent as a Source of Nitrogen and Phosphorus for Summer Forage Grasses. Agronomy Journal, 2001, 93, 1174-1181.	1.8	57
5	Rainfall Simulation in Greenhouse Microcosms to Assess Bacterialâ€Associated Runoff from Landâ€Applied Poultry Litter. Journal of Environmental Quality, 2009, 38, 218-229.	2.0	45
6	Equivalency of Broiler Litter to Ammonium Nitrate as a Cotton Fertilizer in an Upland Soil. Agronomy Journal, 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. Journal of Environmental Quality, 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. Agronomy Journal, 2015, 107, 449-458.	1.8	38
9	Effects of Broiler Litter Applied to No-Till and Tillage Cotton on Selected Soil Properties. Soil Science Society of America Journal, 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. Environmental Science and Pollution Research, 2017, 24, 14124-14141.	5.3	35
11	Year-Round Soil Nutrient Dynamics from Broiler Litter Application to Three Bermudagrass Cultivars. Agronomy Journal, 2004, 96, 525-530.	1.8	34
12	Evaluation of Reference Evapotranspiration Methods in Arid, Semiarid, and Humid Regions. Journal of the American Water Resources Association, 2017, 53, 791-808.	2.4	32
13	Lint Yield and Fiber Quality of Cotton Fertilized with Broiler Litter. Agronomy Journal, 2007, 99, 184-194.	1.8	29
14	Broiler Litter Fertilization and Cropping System Impacts on Soil Properties. Agronomy Journal, 2009, 101, 1304-1310.	1.8	28
15	Nutrient Dynamics from Broiler Litter Applied to No-Till Cotton in an Upland Soil. Agronomy Journal, 2008, 100, AGJ2AGRONJ20070224.	1.8	26
16	No-Till and Conventional-Till Cotton Response to Broiler Litter Fertilization in an Upland Soil: Lint Yield. Agronomy Journal, 2008, 100, 502-509.	1.8	26
17	Comparison of Broiler Litter and Commercial Fertilizer at Equivalent N Rates on Soil Properties. Communications in Soil Science and Plant Analysis, 2010, 41, 2432-2447.	1.4	23
18	Rain Water Deficit and Irrigation Demand of Major Row Crops in the Mississippi Delta. Transactions of the ASABE, 2018, 61, 927-935.	1.1	23

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19	Cotton Response to Chicken Litter in Rotation with Corn in Clayey Soil. Agronomy Journal, 2009, 101, 626-634.	1.8	22
20	Mineral Nutrition of Cotton Fertilized with Poultry Litter or Ammonium Nitrate. Agronomy Journal, 2011, 103, 1704-1711.	1.8	22
21	Cultivation and qPCR Detection of Pathogenic and Antibiotic-Resistant Bacterial Establishment in Naive Broiler Houses. Journal of Environmental Quality, 2016, 45, 958-966.	2.0	22
22	Cover Crop Use for Managing Broiler Litter Applied in the Fall. Agronomy Journal, 2011, 103, 200-210.	1.8	21
23	Fallâ€•and Springâ€Applied Poultry Litter Effectiveness as Corn Fertilizer in the Midâ€Southern United States. Agronomy Journal, 2013, 105, 1743-1748.	1.8	20
24	Effects of Soil Type on Bermudagrass Response to Broiler Litter Application. Agronomy Journal, 2006, 98, 148-155.	1.8	19
25	Poultry Litter and Cover Crop Integration into Noâ€till Cotton on Upland Soil. Agronomy Journal, 2019, 111, 2097-2107.	1.8	19
26	Phosphorus Extraction by Cotton Fertilized with Broiler Litter. Agronomy Journal, 2007, 99, 999-1008.	1.8	18
27	Runoff Quality from No-Till Cotton Fertilized with Broiler Litter in Subsurface Bands. Journal of Environmental Quality, 2013, 42, 284-291.	2.0	18
28	Management Strategies on an Upland Soil for Improving Soil Properties. Communications in Soil Science and Plant Analysis, 2020, 51, 413-429.	1.4	18
29	Effects of Subsurface Banding and Broadcast of Poultry Litter and Cover Crop on Soil Microbial Populations. Journal of Environmental Quality, 2018, 47, 427-435.	2.0	17
30	Simulating the Fate of Fall- and Spring-Applied Poultry Litter Nitrogen in Corn Production. Soil Science Society of America Journal, 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. Soil and Tillage Research, 2019, 194, 104309.	5.6	15
32	The effect of poultry manure application rate and AlCl3 treatment on bacterial fecal indicators in runoff. Journal of Water and Health, 2012, 10, 619-628.	2.6	14
33	Rainwater Deficit and Irrigation Demand for Row Crops in Mississippi Blackland Prairie. Soil Science Society of America Journal, 2018, 82, 423-435.	2.2	14
34	Post-reclamation Age Effects on Soil Physical Properties and Microbial Activity Under Forest and Pasture Ecosystems. Communications in Soil Science and Plant Analysis, 2019, 50, 20-34.	1.4	14
35	Swine Effluent Application Timing and Rate Affect Nitrogen Use Efficiency in Common Bermudagrass. Journal of Environmental Quality, 2008, 37, S180-9.	2.0	13
36	Continuous and Residual Effects of Broiler Litter Application to Cotton on Soil Properties. Soil Science, 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 Nitrateâ€Nitrogen in a Noâ€Till Field. Agronomy Journal, 2012, 104, 43-48.	1.8	13
38	Broiler chicken litter application timing effect on Coastal bermudagrass in southeastern U.S.. Nutrient Cycling in Agroecosystems, 2008, 81, 49-57.	2.2	12
39	Apparent Use Efficiency of Nitrogen and Phosphorus from Litter Applied to Bermudagrass. Communications in Soil Science and Plant Analysis, 2010, 41, 1873-1884.	1.4	12
40	Phosphorus Dynamics in Broiler Litterâ€Amended Soils. Communications in Soil Science and Plant Analysis, 2005, 36, 1099-1115.	1.4	11
41	Subsurface Band Placement of Pelletized Poultry Litter in Cotton. Agronomy Journal, 2016, 108, 1356-1366.	1.8	11
42	Bacterial Community Structure Recovery in Reclaimed Coal Mined Soil under Two Vegetative Regimes. Journal of Environmental Quality, 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. Journal of Environmental Quality, 2003, 32, 681.	2.0	10
44	Effect of Surface Incorporation of Broiler Litter Applied to Noâ€Till Cotton on Runoff Quality. Journal of Environmental Quality, 2011, 40, 566-574.	2.0	10
45	Corn and soybean grain yield responses to soil amendments and cover crop in upland soils. Journal of Plant Nutrition, 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. Journal of Environmental Quality, 2014, 43, 290-296.	2.0	9
47	Soybean Yield and Nutrient Utilization following Long-Term Pelletized Broiler Litter Application to Cotton. Agronomy Journal, 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. Agroecology and Sustainable Food Systems, 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. Science of the Total Environment, 2015, 532, 265-280.	8.0	8
50	Nutrients and Bacteria in Common Contiguous Mississippi Soils with and without Broiler Litter Fertilization. Journal of Environmental Quality, 2011, 40, 1322-1331.	2.0	7
51	Harvest Management Effects on â€˜Tifton 44â€™ Bermudagrass Phosphorus Removal and Nutritive Value. Agronomy Journal, 2018, 110, 879-889.	1.8	7
52	Soil health assessment methods: Progress, applications and comparison. Advances in Agronomy, 2022, , 129-210.	5.2	7
53	Effects of tillage and broiler litter on crop productions in an eroded soil. Soil and Tillage Research, 2017, 165, 198-209.	5.6	6
54	Effects of Seasonal Nitrogen on Binary Mixtures of Tall Fescue and Bermudagrass. Agronomy Journal, 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 fiveâ€year history of poultry litter applied to a cottonâ€“cornâ€“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 Ã— Industrial Byâ€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 â€˜Russellâ€™ and â€˜Tifton 44â€™ 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