Ardeshir Adeli

List of Publications by Year in Descending Order

68 papers	930 citations	17 h-index	26 g-index
69 ext. papers	1,062 ext. citations	2.8 avg, IF	4.17 L-index

#	Paper	IF	Citations
68	Soil health assessment methods: Progress, applications and comparison. *Advances in Agronomy*, **2022**, 129-210	7.7	
67	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	2.5	1
66	Pelleted biosolids and cover crop effects on major Southern row crops. *Journal of Plant Nutrition*, **2021**, 44, 2677-2690	2.3	
65	Impact of Cover Crop on Nutrient Losses in an Upland Soil. *Communications in Soil Science and Plant Analysis*, **2021**, 52, 536-550	1.5	1
64	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	0.5	1
63	Lignite Coal and Biochar Reduce Ammonia Emissions from Broiler Litter. *International Journal of Poultry Science*, **2020**, 19, 137-141	0.3	1
62	Management Strategies on an Upland Soil for Improving Soil Properties. *Communications in Soil Science and Plant Analysis*, **2020**, 51, 413-429	1.5	6
61	Bacterial Community Structure Recovery in Reclaimed Coal Mined Soil under Two Vegetative Regimes. *Journal of Environmental Quality*, **2019**, 48, 1029-1037	3.4	3
60	Corn and soybean grain yield responses to soil amendments and cover crop in upland soils. *Journal of Plant Nutrition*, **2019**, 42, 2484-2497	2.3	4
59	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	6.5	6
58	Poultry Litter and Cover Crop Integration into No-till Cotton on Upland Soil. *Agronomy Journal*, **2019**, 111, 2097-2107	2.2	12
57	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	1.5	8
56	Cotton Response to Residual Poultry Litter: Leaf Area, Nitrogen Removal, and Yield. *Agronomy Journal*, **2018**, 110, 2360-2368	2.2	0
55	Harvest Management Effects on 'Tifton 44' Bermudagrass Phosphorus Removal and Nutritive Value. *Agronomy Journal*, **2018**, 110, 879-889	2.2	6
54	Rainwater Deficit and Irrigation Demand for Row Crops in Mississippi Blackland Prairie. *Soil Science Society of America Journal*, **2018**, 82, 423-435	2.5	11
53	Effects of Subsurface Banding and Broadcast of Poultry Litter and Cover Crop on Soil Microbial Populations. *Journal of Environmental Quality*, **2018**, 47, 427-435	3.4	14
52	Rain Water Deficit and Irrigation Demand of Major Row Crops in the Mississippi Delta. *Transactions of the ASABE*, **2018**, 61, 927-935	0.9	10

51	Effects on Selected Soil Properties of Subsurface Banding and Surface Broadcasting Pelletized Poultry Litter on Cotton. *Soil Science*, **2018**, 183, 112-120	0.9	2
50	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	5.1	18
49	Evaluation of Reference Evapotranspiration Methods in Arid, Semiarid, and Humid Regions. *Journal of the American Water Resources Association*, **2017**, 53, 791-808	2.1	18
48	Nutritive Value and Nutrient Uptake of Summer-Active and Summer-Dormant Tall Fescue under Different Broiler Litter Rates. *Agronomy Journal*, **2017**, 109, 473-482	2.2	2
47	Organic Amendments and Nutrient Leaching in Soil Columns. *Agronomy Journal*, **2017**, 109, 1294-1302	2.2	2
46	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	4.2	2
45	Effects of tillage and broiler litter on crop productions in an eroded soil. *Soil and Tillage Research*, **2017**, 165, 198-209	6.5	3
44	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	3.4	1
43	Subsurface Band Placement of Pelletized Poultry Litter in Cotton. *Agronomy Journal*, **2016**, 108, 1356-1366	2.2	10
42	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	2.7	43
41	Cultivation and qPCR Detection of Pathogenic and Antibiotic-Resistant Bacterial Establishment in Naive Broiler Houses. *Journal of Environmental Quality*, **2016**, 45, 958-66	3.4	17
40	Improving estimates of N and P loads in irrigation water from swine manure lagoons. *Irrigation Science*, **2016**, 34, 245-260	3.1	1
39	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, 265-80	10.2	7
38	Enhancing Management of Fall-Applied Poultry Litter with Cover Crop and Subsurface Band Placement in No-Till Cotton. *Agronomy Journal*, **2015**, 107, 449-458	2.2	26
37	Composting and gypsum amendment of broiler litter to reduce nutrient leaching loss. *Journal of Environmental Quality*, **2015**, 44, 676-83	3.4	5
36	Simulating the Fate of Fall- and Spring-Applied Poultry Litter Nitrogen in Corn Production. *Soil Science Society of America Journal*, **2015**, 79, 1804-1814	2.5	12
35	Soybean Yield and Nutrient Utilization following Long-Term Pelletized Broiler Litter Application to Cotton. *Agronomy Journal*, **2015**, 107, 1128-1134	2.2	8
34	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	12.5	86

33	Effects of Seasonal Nitrogen on Binary Mixtures of Tall Fescue and Bermudagrass. *Agronomy Journal*, **2014**, 106, 1667-1676	2.2	5
32	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, 290-6	3.4	6
31	Fall- and Spring-Applied Poultry Litter Effectiveness as Corn Fertilizer in the Mid-Southern United States. *Agronomy Journal*, **2013**, 105, 1743-1748	2.2	15
30	Runoff quality from no-till cotton fertilized with broiler litter in subsurface bands. *Journal of Environmental Quality*, **2013**, 42, 284-91	3.4	14
29	Broiler Litter Type and Placement Effects on Corn Growth, Nitrogen Utilization, and Residual Soil Nitrate-Nitrogen in a No-Till Field. *Agronomy Journal*, **2012**, 104, 43-48	2.2	10
28	The effect of poultry manure application rate and AlCl(3) treatment on bacterial fecal indicators in runoff. *Journal of Water and Health*, **2012**, 10, 619-28	2.2	13
27	Continuous and Residual Effects of Broiler Litter Application to Cotton on Soil Properties. *Soil Science*, **2011**, 176, 668-675	0.9	10
26	Effect of surface incorporation of broiler litter applied to no-till cotton on runoff quality. *Journal of Environmental Quality*, **2011**, 40, 566-74	3.4	8
25	Cover Crop Use for Managing Broiler Litter Applied in the Fall. *Agronomy Journal*, **2011**, 103, 200-210	2.2	16
24	Nutrients and bacteria in common contiguous Mississippi soils with and without broiler litter fertilization. *Journal of Environmental Quality*, **2011**, 40, 1322-31	3.4	6
23	Mineral Nutrition of Cotton Fertilized with Poultry Litter or Ammonium Nitrate. *Agronomy Journal*, **2011**, 103, 1704-1711	2.2	19
22	Equivalency of Broiler Litter to Ammonium Nitrate as a Cotton Fertilizer in an Upland Soil. *Agronomy Journal*, **2010**, 102, 251-257	2.2	32
21	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	1.5	16
20	Apparent Use Efficiency of Nitrogen and Phosphorus from Litter Applied to Bermudagrass. *Communications in Soil Science and Plant Analysis*, **2010**, 41, 1873-1884	1.5	9
19	Cotton Response to Chicken Litter in Rotation with Corn in Clayey Soil. *Agronomy Journal*, **2009**, 101, 626-634	2.2	17
18	Broiler Litter Fertilization and Cropping System Impacts on Soil Properties. *Agronomy Journal*, **2009** , 101, 1304-1310	2.2	21
17	Rainfall simulation in greenhouse microcosms to assess bacterial-associated runoff from land-applied poultry litter. *Journal of Environmental Quality*, **2009**, 38, 218-29	3.4	38
16	Nutrient Dynamics from Broiler Litter Applied to No-Till Cotton in an Upland Soil. *Agronomy Journal* , **2008**, 100, AGJ2AGRONJ20070224	2.2	20

15	No-Till and Conventional-Till Cotton Response to Broiler Litter Fertilization in an Upland Soil: Lint Yield. *Agronomy Journal*, **2008**, 100, 502-509	2.2	24
14	Swine effluent application timing and rate affect nitrogen use efficiency in common bermudagrass. *Journal of Environmental Quality*, **2008**, 37, S180-9	3.4	13
13	Broiler chicken litter application timing effect on Coastal bermudagrass in southeastern U.S.. *Nutrient Cycling in Agroecosystems*, **2008**, 81, 49-57	3.3	11
12	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	2.5	27
11	Phosphorus Extraction by Cotton Fertilized with Broiler Litter. *Agronomy Journal*, **2007**, 99, 999-1008	2.2	14
10	Lint Yield and Fiber Quality of Cotton Fertilized with Broiler Litter. *Agronomy Journal*, **2007**, 99, 184-194	2.2	23
9	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	1.5	
8	Effects of Soil Type on Bermudagrass Response to Broiler Litter Application. *Agronomy Journal*, **2006**, 98, 148-155	2.2	16
7	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		8
6	Phosphorus Dynamics in Broiler Litter-Amended Soils. *Communications in Soil Science and Plant Analysis*, **2005**, 36, 1099-1115	1.5	8
5	Effects of Broiler Litter on Soybean Production and Soil Nitrogen and Phosphorus Concentrations. *Agronomy Journal*, **2005**, 97, 314-321	2.2	52
4	Year-Round Soil Nutrient Dynamics from Broiler Litter Application to Three Bermudagrass Cultivars. *Agronomy Journal*, **2004**, 96, 525-530	2.2	22
3	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	3.4	9
2	Swine effluent irrigation rate and timing effects on bermudagrass growth, nitrogen and phosphorus utilization, and residual soil nitrogen. *Journal of Environmental Quality*, **2003**, 32, 681-6	3.4	30
1	Swine Lagoon Effluent as a Source of Nitrogen and Phosphorus for Summer Forage Grasses. *Agronomy Journal*, **2001**, 93, 1174-1181	2.2	51