

H Allen Torbert

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

165
papers

4,391
citations

34
h-index

61
g-index

169
ext. papers

4,841
ext. citations

2.7
avg, IF

5.53
L-index

#	Paper	IF	Citations
165	Effects of Growth Substrate on Greenhouse Gas Emissions from Three Annual Species. <i>Journal of Environmental Horticulture</i> , 2021 , 39, 53-61	0.7	
164	. <i>IEEE Transactions on Nuclear Science</i> , 2021 , 68, 1495-1504	1.7	2
163	Influence of Flue Gas Desulfurization Gypsum on Phosphorus Loss from a Horticultural Growth Medium. <i>Horticulturae</i> , 2021 , 7, 199	2.5	2
162	Measuring and Mapping Potassium in Agricultural Fields Using Gamma Spectroscopy. <i>IEEE Transactions on Nuclear Science</i> , 2021 , 1-1	1.7	1
161	Influence of nitrogen rate on winter canola production in the southeastern United States. <i>Agronomy Journal</i> , 2020 , 112, 2978-2987	2.2	3
160	Integration of poultry litter and mineral nitrogen on growth and yield of winter canola. <i>Agronomy Journal</i> , 2020 , 112, 2496-2505	2.2	2
159	Influence of Plant Growth-Promoting Rhizobacteria on Corn Growth under Drought Stress. <i>Communications in Soil Science and Plant Analysis</i> , 2020 , 51, 250-264	1.5	14
158	Scanning Mode Application of Neutron-Gamma Analysis for Soil Carbon Mapping. <i>Pedosphere</i> , 2019 , 29, 334-343	5	2
157	Soil and vegetation responses to amendment with pulverized classified paper waste. <i>Soil and Tillage Research</i> , 2019 , 194, 104328	6.5	1
156	Long-Term Cropping System, Tillage, and Poultry Litter Application Affect the Chemical Properties of an Alabama Ultisol. <i>Pedosphere</i> , 2019 , 29, 180-194	5	6
155	Tagged neutron method for carbon analysis of large soil samples. <i>Applied Radiation and Isotopes</i> , 2019 , 150, 127-134	1.7	3
154	Double-Crop Wheat and Soybean Yield Response to Poultry Litter Application. <i>Crop, Forage and Turfgrass Management</i> , 2019 , 5, 180082	0.5	4
153	Application of Neutron-Gamma Analysis for Determining Compost C/N Ratio. <i>Compost Science and Utilization</i> , 2019 , 27, 146-160	1.2	1
152	Long-term response of a bahiagrass pasture to elevated CO ₂ and soil fertility management. <i>Soil and Tillage Research</i> , 2019 , 194, 104326	6.5	1
151	Poultry Production Management on the Buildup of Nutrients in Litter. <i>International Journal of Poultry Science</i> , 2019 , 18, 445-453	0.3	2
150	Application of associated particle neutron techniques for soil carbon analysis 2019 ,		3
149	Influence of Plant Growth-Promoting Rhizobacteria on Corn Growth Under Different Fertility Sources. <i>Communications in Soil Science and Plant Analysis</i> , 2018 , 49, 1239-1255	1.5	24

148	Impact of Flue Gas Desulfurization Gypsum and Manure Application on Transfer of Potentially Toxic Elements to Plants, Soil, and Runoff. <i>Journal of Environmental Quality</i> , 2018 , 47, 865-872	3.4	6
147	Energy correlated timing spectra in target neutron techniques. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2018 , 433, 80-86	1.2	3
146	Meta-Analysis of Gypsum Effects on Crop Yields and Chemistry of Soils, Plant Tissues, and Vadose Water at Various Research Sites in the USA. <i>Journal of Environmental Quality</i> , 2018 , 47, 1284-1292	3.4	14
145	Flue gas desulfurization gypsum: Its effectiveness as an alternative bedding material for broiler production. <i>Journal of Applied Poultry Research</i> , 2017 , 26, 50-59	2	4
144	Potential Adherence of Flue Gas Desulfurization Gypsum to Forage as a Consideration for Excessive Ingestion by Ruminants. <i>Journal of Environmental Quality</i> , 2017 , 46, 431-435	3.4	1
143	Applying Monte-Carlo simulations to optimize an inelastic neutron scattering system for soil carbon analysis. <i>Applied Radiation and Isotopes</i> , 2017 , 128, 237-248	1.7	8
142	Three Annual Flue Gas Desulfurization Gypsum Applications on Macronutrient and Micronutrient Losses in Runoff From Bermudagrass Fertilized With Poultry Litter. <i>Soil Science</i> , 2017 , 182, 18-27	0.9	5
141	Nitrogen-mediated effects of elevated CO on intra-aggregate soil pore structure. <i>Global Change Biology</i> , 2017 , 23, 1585-1597	11.4	15
140	Effect of microbial-based inoculants on nutrient concentrations and early root morphology of corn (<i>Zea mays</i>). <i>Journal of Plant Nutrition and Soil Science</i> , 2017 , 180, 56-70	2.3	27
139	Neutron-Stimulated Gamma Ray Analysis of Soil 2017 ,		5
138	The influence of microbial-based inoculants on NO emissions from soil planted with corn (<i>Zea mays</i> L.) under greenhouse conditions with different nitrogen fertilizer regimens. <i>Canadian Journal of Microbiology</i> , 2016 , 62, 1041-1056	3.2	8
137	Species and Media Effects on Soil Carbon Dynamics in the Landscape. <i>Scientific Reports</i> , 2016 , 6, 25210	4.9	2
136	Application of Microbial-Based Inoculants for Reducing N ₂ O Emissions From Soil Under Two Different Ammonium Nitrate-Based Fertilizers. <i>Soil Science</i> , 2016 , 181, 427-434	0.9	2
135	"Hot background" of the mobile inelastic neutron scattering system for soil carbon analysis. <i>Applied Radiation and Isotopes</i> , 2016 , 107, 299-311	1.7	1
134	Effects of a Custom Cover Crop Residue Manager in a No-Till Cotton System. <i>Applied Engineering in Agriculture</i> , 2016 , 32, 333-340	0.8	3
133	Influence of Flue Gas Desulfurization Gypsum on Reducing Soluble Phosphorus in Successive Runoff Events from a Coastal Plain Bermudagrass Pasture. <i>Journal of Environmental Quality</i> , 2016 , 45, 1071-9	3.4	18
132	Benchmarking the Inelastic Neutron Scattering Soil Carbon Method. <i>Vadose Zone Journal</i> , 2016 , 15, vjz2015.04.0056		5
131	Application of Geant4 simulation for analysis of soil carbon inelastic neutron scattering measurements. <i>Applied Radiation and Isotopes</i> , 2016 , 113, 33-9	1.7	2

130	Soil water infiltration impacted by maize (<i>Zea mays</i> L.) growth on sloping agricultural land of the Loess Plateau. <i>Journal of Soils and Water Conservation</i> , 2016 , 71, 301-309	2.2	4
129	Control of yellow and purple nutsedge in elevated CO ₂ environments with glyphosate and halosulfuron. <i>Frontiers in Plant Science</i> , 2015 , 6, 1	6.2	552
128	Continuous versus pulse neutron induced gamma spectroscopy for soil carbon analysis. <i>Applied Radiation and Isotopes</i> , 2015 , 96, 139-147	1.7	4
127	Impacts of Enhanced-Efficiency Nitrogen Fertilizers on Greenhouse Gas Emissions in a Coastal Plain Soil under Cotton. <i>Journal of Environmental Quality</i> , 2015 , 44, 1699-710	3.4	8
126	Subsurface Band Application of Poultry Litter and Its Influence on Phosphorus Concentration and Retention after Runoff from Permanent Pastures. <i>Journal of Environmental Quality</i> , 2015 , 44, 1930-7	3.4	6
125	Effects of Elevated Atmospheric Carbon Dioxide on Soil Carbon in Terrestrial Ecosystems of the Southeastern United States. <i>SSSA Special Publication Series</i> , 2015 , 233-262	0	1
124	Management Effects on Soil Organic Carbon in Texas Soils. <i>SSSA Special Publication Series</i> , 2015 , 115-122		
123	Varied Growth Response of Cogongrass Ecotypes to Elevated CO ₂ . <i>Frontiers in Plant Science</i> , 2015 , 6, 1182	6.2	5
122	Impact of flue gas desulfurization gypsum application on water quality in a coastal plain soil. <i>Journal of Environmental Quality</i> , 2014 , 43, 273-80	3.4	34
121	Enhanced-Efficiency Fertilizer Effects on Cotton Yield and Quality in the Coastal Plains. <i>Agronomy Journal</i> , 2014 , 106, 745-752	2.2	14
120	Effects of elevated CO ₂ on biomass and fungi associated with two ecotypes of ragweed (<i>Ambrosia artemisiifolia</i> L.). <i>Frontiers in Plant Science</i> , 2014 , 5, 500	6.2	6
119	Field Testing a Mobile Inelastic Neutron Scattering System to Measure Soil Carbon. <i>Soil Science</i> , 2014 , 179, 529-535	0.9	9
118	Nitrogen Mineralization in Soils Amended with Manure as Affected by Environmental Conditions 2014 , 83-98		1
117	Microbial-based inoculants impact nitrous oxide emissions from an incubated soil medium containing urea fertilizers. <i>Journal of Environmental Quality</i> , 2013 , 42, 704-12	3.4	14
116	Sour orange fine root distribution after seventeen years of atmospheric CO ₂ enrichment. <i>Agricultural and Forest Meteorology</i> , 2012 , 162-163, 85-90	5.8	2
115	Impact of Tillage and Fertilizer Application Method on Gas Emissions in a Corn Cropping System. <i>Pedosphere</i> , 2012 , 22, 604-615	5	29
114	Ecosystem Biomass, Carbon, and Nitrogen Five Years after Restoration with Municipal Solid Waste. <i>Agronomy Journal</i> , 2012 , 104, 1305-1311	2.2	2
113	Links among nitrification, nitrifier communities, and edaphic properties in contrasting soils receiving dairy slurry. <i>Journal of Environmental Quality</i> , 2012 , 41, 262-72	3.4	29

112	Soil Carbon Dioxide Fluxes in Conventional and Conservation Tillage Corn Production Systems Receiving Poultry Litter and Inorganic Fertilizer. <i>Agroecology and Sustainable Food Systems</i> , 2012 , 36, 873-892		3
111	Effects of elevated carbon dioxide and increased temperature on methane and nitrous oxide fluxes: evidence from field experiments. <i>Frontiers in Ecology and the Environment</i> , 2012 , 10, 520-527	5.5	136
110	Nitrogen Immobilization in Plant Growth Substrates: Clean Chip Residual, Pine Bark, and Peatmoss. <i>International Journal of Agronomy</i> , 2012 , 2012, 1-8	1.9	9
109	N Mineralization in Production Agriculture. <i>International Journal of Agronomy</i> , 2012 , 2012, 1-2	1.9	
108	Nitrogen and Carbon Cycling in a Grassland Community Ecosystem as Affected by Elevated Atmospheric CO ₂ . <i>International Journal of Agronomy</i> , 2012 , 2012, 1-5	1.9	
107	Impact of Poultry Litter Cake, Cleanout, and Bedding following Chemical Amendments on Soil C and N Mineralization. <i>International Journal of Agronomy</i> , 2012 , 2012, 1-8	1.9	34
106	Noncomposted Municipal Solid Waste Byproduct Influences Soil and Plant Nutrients 5 Years After Soil Reclamation. <i>Soil Science</i> , 2012 , 177, 480-489	0.9	1
105	Effects of Fertilizer Placement on Trace Gas Emissions from Nursery Container Production. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2012 , 47, 1056-1062	2.4	11
104	Description of Clean Chip Residual Forest Harvest and Its Availability for Horticultural Uses in the Southeastern United States. <i>HortTechnology</i> , 2012 , 22, 381-387	1.3	3
103	Landscape Establishment of Woody Ornamentals Grown in Alternative Wood-Based Container Substrates. <i>Journal of Environmental Horticulture</i> , 2012 , 30, 13-16	0.7	1
102	Determining Trace Gas Efflux from Container Production of Woody Nursery Crops. <i>Journal of Environmental Horticulture</i> , 2012 , 30, 118-124	0.7	5
101	Long-Term Tillage and Poultry Litter Impacts on Soybean and Corn Grain Yield. <i>Agronomy Journal</i> , 2011 , 103, 1479-1486	2.2	21
100	Subsurface application of poultry litter and its influence on nutrient losses in runoff water from permanent pastures. <i>Journal of Environmental Quality</i> , 2011 , 40, 421-30	3.4	29
99	Evaluation of Poultry Litter Fertilization Practices on Greenhouse Gas Emissions. <i>ACS Symposium Series</i> , 2011 , 473-492	0.4	1
98	Application of Composted Poultry Litter as a Fertilizer for Landscape Bedding Plants. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2011 , 46, 1367-1372	2.4	4
97	A Review of Elevated Atmospheric CO ₂ Effects on Plant Growth and Water Relations: Implications for Horticulture. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2011 , 46, 158-162	2.4	48
96	The Importance of Determining Carbon Sequestration and Greenhouse Gas Mitigation Potential in Ornamental Horticulture. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2011 , 46, 240-244	2.4	20
95	Low-Value Trees as Alternative Substrates in Greenhouse Production of Three Annual Species. <i>Journal of Environmental Horticulture</i> , 2011 , 29, 152-161	0.7	4

94	Long-Term Tillage and Poultry Litter Impacts Soil Carbon and Nitrogen Mineralization and Fertility. <i>Soil Science Society of America Journal</i> , 2010 , 74, 1239-1247	2.5	66
93	Effects of a New Waste-Processing By-product on Soil and Vegetation at Fort Campbell, Tennessee. <i>Communications in Soil Science and Plant Analysis</i> , 2010 , 41, 250-266	1.5	
92	Increased plant uptake of nitrogen from ¹⁵ N-depleted fertilizer using plant growth-promoting rhizobacteria. <i>Applied Soil Ecology</i> , 2010 , 46, 54-58	5	79
91	Soil Property and Landscape Position Effects on Seasonal Nitrogen Mineralization of Composted Dairy Manure. <i>Soil Science</i> , 2010 , 175, 27-35	0.9	11
90	Effects of Elevated CO ₂ and Agricultural Management on Flux of Greenhouse Gases From Soil. <i>Soil Science</i> , 2010 , 175, 349-356	0.9	25
89	Soil Microbial Community Dynamics as Influenced by Composted Dairy Manure, Soil Properties, and Landscape Position. <i>Soil Science</i> , 2010 , 175, 474-486	0.9	55
88	Evaluation of Composted Poultry Litter as a Substrate Amendment for WholeTree, Clean Chip Residual, and Pinebark for Container Grown Woody Nursery Crops. <i>Journal of Environmental Horticulture</i> , 2010 , 28, 107-116	0.7	5
87	Extending Pine Bark Supplies with Wholetree and Clean Chip Residual Substrates. <i>Journal of Environmental Horticulture</i> , 2010 , 28, 217-223	0.7	
86	Impact of gypsum applied to grass buffer strips on reducing soluble p in surface water runoff. <i>Journal of Environmental Quality</i> , 2009 , 38, 1511-7	3.4	38
85	Tractor tire aspect ratio effects on soil bulk density and cone index. <i>Journal of Terramechanics</i> , 2009 , 46, 27-34	2.2	6
84	Plant growth-promoting rhizobacteria allow reduced application rates of chemical fertilizers. <i>Microbial Ecology</i> , 2009 , 58, 921-9	4.4	473
83	Kudzu [<i>Pueraria montana</i> (Lour.) Merr. Variety lobata]: A new source of carbohydrate for bioethanol production. <i>Biomass and Bioenergy</i> , 2009 , 33, 57-61	5.3	29
82	Evaluation of Tillage Systems for Grain Sorghum and Wheat Yields and Total Nitrogen Uptake in the Texas Blackland Prairie. <i>Agroecology and Sustainable Food Systems</i> , 2009 , 33, 96-106		5
81	Tropical spiderwort (<i>Commelina benghalensis</i> L.) increases growth under elevated atmospheric carbon dioxide. <i>Journal of Environmental Quality</i> , 2009 , 38, 729-33	3.4	6
80	Broiler litter application method and runoff timing effects on nutrient and <i>Escherichia coli</i> losses from tall fescue pasture. <i>Journal of Environmental Quality</i> , 2009 , 38, 1216-23	3.4	37
79	Production of Woody Nursery Crops in Clean Chip Residual Substrate. <i>Journal of Environmental Horticulture</i> , 2009 , 27, 56-62	0.7	5
78	Enhanced plant nutrient use efficiency with PGPR and AMF in an integrated nutrient management system. <i>Canadian Journal of Microbiology</i> , 2008 , 54, 876-86	3.2	240
77	Evaluation of Agricultural Land Suitability: Application of Fuzzy Indicators. <i>Lecture Notes in Computer Science</i> , 2008 , 475-490	0.9	18

76	EPIC Evaluation of the Impact of Poultry Litter Application Timing on Nutrient Losses. <i>Communications in Soil Science and Plant Analysis</i> , 2008 , 39, 3002-3031	1.5	5
75	Nitrogen mineralization from broiler litter applied to southeastern Coastal Plain soils. <i>Journal of Soils and Water Conservation</i> , 2008 , 63, 182-192	2.2	9
74	Effects of Atmospheric CO ₂ Enrichment on Crop Nutrient Dynamics under No-Till Conditions. <i>Journal of Plant Nutrition</i> , 2008 , 31, 758-773	2.3	17
73	Nondestructive System for Analyzing Carbon in the Soil. <i>Soil Science Society of America Journal</i> , 2008 , 72, 1269-1277	2.5	29
72	Effects of elevated atmospheric CO ₂ on invasive plants: comparison of purple and yellow nutsedge (<i>Cyperus rotundus</i> L. and <i>C. esculentus</i> L.). <i>Journal of Environmental Quality</i> , 2008 , 37, 395-400	3.4	26
71	Free-air CO ₂ enrichment of sorghum: soil carbon and nitrogen dynamics. <i>Journal of Environmental Quality</i> , 2008 , 37, 753-8	3.4	6
70	Cotton Nitrogen Management in a High-Residue Conservation System: Cover Crop Fertilization. <i>Soil Science Society of America Journal</i> , 2008 , 72, 1321-1329	2.5	25
69	Clean Chip Residual: A Substrate Component for Growing Annuals. <i>HortTechnology</i> , 2008 , 18, 423-432	1.3	12
68	Clean Chip Residual as a Substrate for Perennial Nursery Crop Production. <i>Journal of Environmental Horticulture</i> , 2008 , 26, 239-246	0.7	2
67	Non-Composted Municipal Solid Waste Processing Byproduct Effect on Soil Reclamation. <i>Journal of Plant Nutrition</i> , 2007 , 30, 755-772	2.3	2
66	Nationally Coordinated Evaluation of Soil Nitrogen Mineralization Rate using a Standardized Aerobic Incubation Protocol. <i>Communications in Soil Science and Plant Analysis</i> , 2007 , 39, 257-268	1.5	13
65	Runoff Losses of Dissolved Reactive Phosphorus from Organic Fertilizer Applied to Sod. <i>Transactions of the ASABE</i> , 2007 , 50, 449-454	0.9	0
64	Planter Aid for Heavy Residue Conservation Tillage Systems. <i>Agronomy Journal</i> , 2007 , 99, 478-480	2.2	3
63	Carbon and nitrogen mineralization of non-composted and composted municipal solid waste in sandy soils. <i>Soil Biology and Biochemistry</i> , 2007 , 39, 1277-1283	7.5	52
62	Nitrate and ammonium losses from surface-applied organic and inorganic fertilizers. <i>Journal of Agricultural Science</i> , 2007 , 145, 385-393	1	7
61	Mineralization of Nitrogen in Soils Amended with Dairy Manure as Affected by Wetting/Drying Cycles. <i>Communications in Soil Science and Plant Analysis</i> , 2007 , 38, 2103-2116	1.5	25
60	Effects of elevated atmospheric carbon dioxide on biomass and carbon accumulation in a model regenerating longleaf pine community. <i>Journal of Environmental Quality</i> , 2006 , 35, 1478-86	3.4	15
59	Free-air carbon dioxide enrichment of soybean: influence of crop variety on residue decomposition. <i>Journal of Environmental Quality</i> , 2006 , 35, 1470-7	3.4	5

58	Effects of an Uncomposted Municipal Waste Processing By-Product on Prairie Grass Establishment. <i>Agronomy Journal</i> , 2006 , 98, 1073-1080	2.2	6
57	(40) Evaluation of Freshly Chipped Pine Tree Substrate for Container-grown Lantana camera. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2006 , 41, 1027A-1027	2.4	2
56	Protocols for Nationally Coordinated Laboratory and Field Research on Manure Nitrogen Mineralization. <i>Communications in Soil Science and Plant Analysis</i> , 2005 , 36, 2807-2822	1.5	23
55	Elevated atmospheric CO ₂ effects on biomass production and soil carbon in conventional and conservation cropping systems. <i>Global Change Biology</i> , 2005 , 11, 657-665	11.4	34
54	Decomposition of soybean grown under elevated concentrations of CO ₂ and O ₃ . <i>Global Change Biology</i> , 2005 , 11, 685-698	11.4	37
53	SOIL WATER ESTIMATION USING ELECTROMAGNETIC INDUCTION. <i>Transactions of the American Society of Agricultural Engineers</i> , 2005 , 48, 129-135		14
52	Impact of soil amendments on reducing phosphorus losses from runoff in sod. <i>Journal of Environmental Quality</i> , 2005 , 34, 1415-21	3.4	28
51	USDA-ARS Global Change Research on Rangelands and Pasturelands. <i>Rangelands</i> , 2005 , 27, 36-42	1.1	4
50	A HYDRAULIC CORING SYSTEM FOR SOIL-ROOT STUDIES. <i>Agronomy Journal</i> , 2004 , 96, 1202-1205	2.2	17
49	Water quality impacts of converting to a poultry litter fertilization strategy. <i>Journal of Environmental Quality</i> , 2004 , 33, 2229-42	3.4	49
48	Runoff Water Quality Impact of Variable Rate Sidedress Nitrogen Application. <i>Precision Agriculture</i> , 2004 , 5, 247-261	5.6	5
47	Nitrogen and Carbon Cycling in a Model Longleaf Pine Community as Affected by Elevated Atmospheric CO ₂ . <i>Environmental Management</i> , 2004 , 33, S132	3.1	5
46	Elevated Atmospheric CO ₂ in Agroecosystems: Residue Decomposition in the Field. <i>Environmental Management</i> , 2004 , 33, S344	3.1	11
45	Elevated atmospheric CO ₂ effects on N fertilization in grain sorghum and soybean. <i>Field Crops Research</i> , 2004 , 88, 57-67	5.5	40
44	ELEVATED ATMOSPHERIC CO ₂ IN AGROECOSYSTEMS: SOIL PHYSICAL PROPERTIES. <i>Soil Science</i> , 2004 , 169, 434-439	0.9	15
43	Implications of Elevated CO ₂ -Induced Changes in Agroecosystem Productivity. <i>The Journal of Crop Improvement: Innovations in Practiceory and Research</i> , 2003 , 8, 217-244		26
42	Fertility Management Effects on Runoff Losses of Phosphorus. <i>ACS Symposium Series</i> , 2003 , 220-234	0.4	1
41	Relationship of soil test phosphorus and sampling depth to runoff phosphorus in calcareous and noncalcareous soils. <i>Journal of Environmental Quality</i> , 2002 , 31, 1380-7	3.4	79

40	Nitrogen Response in Cotton as Affected by Tillage System and Irrigation Level. <i>Soil Science Society of America Journal</i> , 2001 , 65, 1153-1163	2.5	73
39	IMPACT OF A TURFGRASS SYSTEM ON NUTRIENT LOADINGS TO SURFACE WATER1. <i>Journal of the American Water Resources Association</i> , 2001 , 37, 629-640	2.1	18
38	Irrigated cotton lint yields as affected by phosphorus fertilizer and landscape position. <i>Communications in Soil Science and Plant Analysis</i> , 2001 , 32, 1959-1967	1.5	18
37	Yield and quality of three corn hybrids as affected by broiler litter fertilization and crop maturity. <i>Animal Feed Science and Technology</i> , 2001 , 94, 43-56	3	12
36	Tillage System, Fertilizer Nitrogen Rate, and Timing Effect on Corn Yields in the Texas Blackland Prairie. <i>Agronomy Journal</i> , 2001 , 93, 1119-1124	2.2	54
35	Review of elevated atmospheric CO2 effects on agro-ecosystems: residue decomposition processes and soil C storage. <i>Plant and Soil</i> , 2000 , 224, 59-73	4.2	65
34	Surface Residue and Soil Moisture Affect Fertilizer Loss in Simulated Runoff on a Heavy Clay Soil. <i>Agronomy Journal</i> , 1999 , 91, 606-612	2.2	32
33	Response of Plants to Elevated Atmospheric CO2: Root Growth, Mineral Nutrition, and Soil Carbon 1999 , 215-244		34
32	Land management effects on nitrogen and carbon cycling in an Ultisol. <i>Communications in Soil Science and Plant Analysis</i> , 1999 , 30, 1345-1349	1.5	11
31	Links between Transpiration and Plant Nitrogen: Variation with Atmospheric CO2 Concentration and Nitrogen Availability. <i>International Journal of Plant Sciences</i> , 1999 , 160, 535-542	2.6	16
30	CARBON STORAGE AFTER LONG-TERM GRASS ESTABLISHMENT ON DEGRADED SOILS. <i>Soil Science</i> , 1999 , 164, 718-725	0.9	113
29	Effects of carbon dioxide enrichment on cotton nutrient dynamics. <i>Journal of Plant Nutrition</i> , 1998 , 21, 1407-1426	2.3	36
28	Managing Cotton Nitrogen Supply. <i>Advances in Agronomy</i> , 1998 , 64, 115-147	7.7	57
27	Tillage intensity and crop residue effects on nitrogen and carbon cycling in a Vertisol. <i>Communications in Soil Science and Plant Analysis</i> , 1998 , 29, 717-727	1.5	11
26	CROP RESIDUE DECOMPOSITION AS AFFECTED BY GROWTH UNDER ELEVATED ATMOSPHERIC CO2. <i>Soil Science</i> , 1998 , 163, 412-419	0.9	29
25	Tillage intensity and fertility level effects on nitrogen and carbon cycling in a vertisol. <i>Communications in Soil Science and Plant Analysis</i> , 1997 , 28, 699-710	1.5	17
24	Free-air Carbon Dioxide Enrichment of Wheat: Soil Carbon and Nitrogen Dynamics. <i>Journal of Environmental Quality</i> , 1997 , 26, 1161-1166	3.4	39
23	Carbon Dioxide-Enriched Agroecosystems: Influence of Tillage on Short-Term Soil Carbon Dioxide Efflux. <i>Journal of Environmental Quality</i> , 1997 , 26, 244-252	3.4	43

22	Effects of elevated atmospheric CO ₂ in agro-ecosystems on soil carbon storage. <i>Global Change Biology</i> , 1997 , 3, 513-521	11.4	42
21	Crop Rotation and Tillage Effects on Organic Carbon Sequestration in The Semiarid Southern Great Plains. <i>Soil Science</i> , 1997 , 162, 140-147	0.9	79
20	Technical Notes: Comparison of Three Methods of Residue Cover Measurements on Rainfall Simulator Sites. <i>Transactions of the American Society of Agricultural Engineers</i> , 1996 , 39, 1415-1417		12
19	Management Effects on Nitrogen and Phosphorus Losses in Runoff on Expansive Clay Soils. <i>Transactions of the American Society of Agricultural Engineers</i> , 1996 , 39, 161-166		19
18	Winter Legume Cover Crop Benefits to Corn: Rotation vs. Fixed-Nitrogen Effects. <i>Agronomy Journal</i> , 1996 , 88, 527-535	2.2	64
17	Elevated Atmospheric Carbon Dioxide in Agroecosystems Affects Groundwater Quality. <i>Journal of Environmental Quality</i> , 1996 , 25, 720-726	3.4	26
16	Atrazine Loss in Runoff from No-Tillage and Chisel-Tillage Systems on a Houston Black Clay Soil. <i>Journal of Environmental Quality</i> , 1996 , 25, 572-577	3.4	10
15	Tillage Intensity Effects on Corn and Grain Sorghum Growth and Productivity on a Vertisol. <i>Journal of Production Agriculture</i> , 1996 , 9, 385-390		17
14	Tillage and Residue Effects on Infiltration and Sediment Losses on Vertisols. <i>Transactions of the American Society of Agricultural Engineers</i> , 1995 , 38, 1413-1419		54
13	Elevated Atmospheric Carbon Dioxide Effects on Cotton Plant Residue Decomposition. <i>Soil Science Society of America Journal</i> , 1995 , 59, 1321-1328	2.5	25
12	Conservation Tillage and Traffic Effects on Soil Condition. <i>Transactions of the American Society of Agricultural Engineers</i> , 1994 , 37, 763-768		49
11	Free-air CO ₂ enrichment effects on soil carbon and nitrogen. <i>Agricultural and Forest Meteorology</i> , 1994 , 70, 103-116	5.8	72
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9	Poultry Litter as a Fertilizer for Bermudagrass. <i>Agroecology and Sustainable Food Systems</i> , 1993 , 3, 21-36		33
8	Nitrogen Fertilizer Effects on Soybean Growth, Yield, and Seed Composition. <i>Journal of Production Agriculture</i> , 1993 , 6, 354-360		29
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4	Effect of moisture regime on recovery and utilization of fertilizer N applied to corn. <i>Communications in Soil Science and Plant Analysis</i> , 1992 , 23, 1409-1426	1.5	4
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