

H Allen Torbert

List of Publications by Citations

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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	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
164	Plant growth-promoting rhizobacteria allow reduced application rates of chemical fertilizers. <i>Microbial Ecology</i> , 2009 , 58, 921-9	4.4	473
163	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
162	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
161	CARBON STORAGE AFTER LONG-TERM GRASS ESTABLISHMENT ON DEGRADED SOILS. <i>Soil Science</i> , 1999 , 164, 718-725	0.9	113
160	Effects of soil compaction and water-filled pore space on soil microbial activity and N losses. <i>Communications in Soil Science and Plant Analysis</i> , 1992 , 23, 1321-1331	1.5	106
159	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
158	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
157	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
156	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
155	Free-air CO ₂ enrichment effects on soil carbon and nitrogen. <i>Agricultural and Forest Meteorology</i> , 1994 , 70, 103-116	5.8	72
154	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
153	Review of elevated atmospheric CO ₂ effects on agro-ecosystems: residue decomposition processes and soil C storage. <i>Plant and Soil</i> , 2000 , 224, 59-73	4.2	65
152	Winter Legume Cover Crop Benefits to Corn: Rotation vs. Fixed-Nitrogen Effects. <i>Agronomy Journal</i> , 1996 , 88, 527-535	2.2	64
151	Managing Cotton Nitrogen Supply. <i>Advances in Agronomy</i> , 1998 , 64, 115-147	7.7	57
150	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
149	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

148	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
147	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
146	Water quality impacts of converting to a poultry litter fertilization strategy. <i>Journal of Environmental Quality</i> , 2004 , 33, 2229-42	3.4	49
145	Conservation Tillage and Traffic Effects on Soil Condition. <i>Transactions of the American Society of Agricultural Engineers</i> , 1994 , 37, 763-768		49
144	A Review of Elevated Atmospheric CO2 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
143	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
142	Effects of elevated atmospheric CO2 in agro-ecosystems on soil carbon storage. <i>Global Change Biology</i> , 1997 , 3, 513-521	11.4	42
141	Elevated atmospheric CO2 effects on N fertilization in grain sorghum and soybean. <i>Field Crops Research</i> , 2004 , 88, 57-67	5.5	40
140	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
139	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
138	Broiler litter application method and runoff timing effects on nutrient and Escherichia coli losses from tall fescue pasture. <i>Journal of Environmental Quality</i> , 2009 , 38, 1216-23	3.4	37
137	Decomposition of soybean grown under elevated concentrations of CO2 and O3. <i>Global Change Biology</i> , 2005 , 11, 685-698	11.4	37
136	Effects of carbon dioxide enrichment on cotton nutrient dynamics. <i>Journal of Plant Nutrition</i> , 1998 , 21, 1407-1426	2.3	36
135	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
134	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
133	Elevated atmospheric CO2 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
132	Response of Plants to Elevated Atmospheric CO2: Root Growth, Mineral Nutrition, and Soil Carbon 1999 , 215-244		34
131	Poultry Litter as a Fertilizer for Bermudagrass. <i>Agroecology and Sustainable Food Systems</i> , 1993 , 3, 21-36		33

130	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
129	Impact of Tillage and Fertilizer Application Method on Gas Emissions in a Corn Cropping System. <i>Pedosphere</i> , 2012 , 22, 604-615	5	29
128	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
127	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
126	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
125	Nondestructive System for Analyzing Carbon in the Soil. <i>Soil Science Society of America Journal</i> , 2008 , 72, 1269-1277	2.5	29
124	Nitrogen Fertilizer Effects on Soybean Growth, Yield, and Seed Composition. <i>Journal of Production Agriculture</i> , 1993 , 6, 354-360		29
123	CROP RESIDUE DECOMPOSITION AS AFFECTED BY GROWTH UNDER ELEVATED ATMOSPHERIC CO ₂ . <i>Soil Science</i> , 1998 , 163, 412-419	0.9	29
122	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
121	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
120	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
119	Implications of Elevated CO ₂ -Induced Changes in Agroecosystem Productivity. <i>The Journal of Crop Improvement: Innovations in Practice and Research</i> , 2003 , 8, 217-244		26
118	Elevated Atmospheric Carbon Dioxide in Agroecosystems Affects Groundwater Quality. <i>Journal of Environmental Quality</i> , 1996 , 25, 720-726	3.4	26
117	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
116	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
115	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
114	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
113	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

112	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
111	Soil Type and Moisture Regime Effects on Fertilizer Efficiency Calculation Methods in a Nitrogen-15 Tracer Study. <i>Agronomy Journal</i> , 1992 , 84, 66-70	2.2	23
110	Long-Term Tillage and Poultry Litter Impacts on Soybean and Corn Grain Yield. <i>Agronomy Journal</i> , 2011 , 103, 1479-1486	2.2	21
109	Short-Term Excess Water Impact on Corn Yield and Nitrogen Recovery. <i>Journal of Production Agriculture</i> , 1993 , 6, 337-344		21
108	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
107	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
106	Fertilizer Nitrogen Requirements for Cotton Production as Affected by Tillage and Traffic. <i>Soil Science Society of America Journal</i> , 1994 , 58, 1416-1423	2.5	19
105	Evaluation of Agricultural Land Suitability: Application of Fuzzy Indicators. <i>Lecture Notes in Computer Science</i> , 2008 , 475-490	0.9	18
104	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
103	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
102	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
101	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
100	Effects of Atmospheric CO2 Enrichment on Crop Nutrient Dynamics under No-Till Conditions. <i>Journal of Plant Nutrition</i> , 2008 , 31, 758-773	2.3	17
99	A HYDRAULIC CORING SYSTEM FOR SOIL-ROOT STUDIES. <i>Agronomy Journal</i> , 2004 , 96, 1202-1205	2.2	17
98	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
97	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
96	Nitrogen-mediated effects of elevated CO on intra-aggregate soil pore structure. <i>Global Change Biology</i> , 2017 , 23, 1585-1597	11.4	15
95	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

94	ELEVATED ATMOSPHERIC CO ₂ IN AGROECOSYSTEMS: SOIL PHYSICAL PROPERTIES. <i>Soil Science</i> , 2004 , 169, 434-439	0.9	15
93	Enhanced-Efficiency Fertilizer Effects on Cotton Yield and Quality in the Coastal Plains. <i>Agronomy Journal</i> , 2014 , 106, 745-752	2.2	14
92	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
91	SOIL WATER ESTIMATION USING ELECTROMAGNETIC INDUCTION. <i>Transactions of the American Society of Agricultural Engineers</i> , 2005 , 48, 129-135		14
90	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
89	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
88	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
87	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
86	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
85	Clean Chip Residual: A Substrate Component for Growing Annuals. <i>HortTechnology</i> , 2008 , 18, 423-432	1.3	12
84	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
83	Elevated Atmospheric CO ₂ in Agroecosystems: Residue Decomposition in the Field. <i>Environmental Management</i> , 2004 , 33, S344	3.1	11
82	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
81	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
80	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
79	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
78	Field Testing a Mobile Inelastic Neutron Scattering System to Measure Soil Carbon. <i>Soil Science</i> , 2014 , 179, 529-535	0.9	9
77	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

76	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
75	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
74	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
73	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
72	Nitrate and ammonium losses from surface-applied organic and inorganic fertilizers. <i>Journal of Agricultural Science</i> , 2007 , 145, 385-393	1	7
71	Benchmarking the Inelastic Neutron Scattering Soil Carbon Method. <i>Vadose Zone Journal</i> , 2016 , 15, vzj2015.04.0056	2.1	5
70	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
69	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
68	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
67	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
66	Tractor tire aspect ratio effects on soil bulk density and cone index. <i>Journal of Terramechanics</i> , 2009 , 46, 27-34	2.2	6
65	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
64	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
63	Effects of an Uncomposted Municipal Waste Processing By-Product on Prairie Grass Establishment. <i>Agronomy Journal</i> , 2006 , 98, 1073-1080	2.2	6
62	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
61	Neutron-Stimulated Gamma Ray Analysis of Soil 2017 ,		5
60	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
59	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

58	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
57	Runoff Water Quality Impact of Variable Rate Sidedress Nitrogen Application. <i>Precision Agriculture</i> , 2004 , 5, 247-261	5.6	5
56	Nitrogen and Carbon Cycling in a Model Loblolly Pine Community as Affected by Elevated Atmospheric CO ₂ . <i>Environmental Management</i> , 2004 , 33, S132	3.1	5
55	Determining differential water movement through ion exchange resin for nitrate leaching measurements. <i>Communications in Soil Science and Plant Analysis</i> , 1992 , 23, 1043-1052	1.5	5
54	Production of Woody Nursery Crops in Clean Chip Residual Substrate. <i>Journal of Environmental Horticulture</i> , 2009 , 27, 56-62	0.7	5
53	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
52	Determining Trace Gas Efflux from Container Production of Woody Nursery Crops. <i>Journal of Environmental Horticulture</i> , 2012 , 30, 118-124	0.7	5
51	Varied Growth Response of Cogongrass Ecotypes to Elevated CO ₂ . <i>Frontiers in Plant Science</i> , 2015 , 6, 1182	6.2	5
50	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
49	Double-Crop Wheat and Soybean Yield Response to Poultry Litter Application. <i>Crop, Forage and Turfgrass Management</i> , 2019 , 5, 180082	0.5	4
48	Continuous versus pulse neutron induced gamma spectroscopy for soil carbon analysis. <i>Applied Radiation and Isotopes</i> , 2015 , 96, 139-147	1.7	4
47	USDA-ARS Global Change Research on Rangelands and Pasturelands. <i>Rangelands</i> , 2005 , 27, 36-42	1.1	4
46	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
45	Growth and magnesium uptake of tall fescue clones with varying root diameters. <i>Journal of Plant Nutrition</i> , 1985 , 8, 731-749	2.3	4
44	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
43	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
42	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
41	Tagged neutron method for carbon analysis of large soil samples. <i>Applied Radiation and Isotopes</i> , 2019 , 150, 127-134	1.7	3

40	Influence of nitrogen rate on winter canola production in the southeastern United States. <i>Agronomy Journal</i> , 2020 , 112, 2978-2987	2.2	3
39	Energy correlated timing spectra in target neutron techniques. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2018 , 433, 80-86	1.2	3
38	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
37	Planter Aid for Heavy Residue Conservation Tillage Systems. <i>Agronomy Journal</i> , 2007 , 99, 478-480	2.2	3
36	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
35	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
34	Application of associated particle neutron techniques for soil carbon analysis 2019 ,		3
33	Scanning Mode Application of Neutron-Gamma Analysis for Soil Carbon Mapping. <i>Pedosphere</i> , 2019 , 29, 334-343	5	2
32	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
31	Species and Media Effects on Soil Carbon Dynamics in the Landscape. <i>Scientific Reports</i> , 2016 , 6, 25210	4.9	2
30	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
29	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
28	Ecosystem Biomass, Carbon, and Nitrogen Five Years after Restoration with Municipal Solid Waste. <i>Agronomy Journal</i> , 2012 , 104, 1305-1311	2.2	2
27	Non-Composted Municipal Solid Waste Processing Byproduct Effect on Soil Reclamation. <i>Journal of Plant Nutrition</i> , 2007 , 30, 755-772	2.3	2
26	(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
25	Poultry Production Management on the Buildup of Nutrients in Litter. <i>International Journal of Poultry Science</i> , 2019 , 18, 445-453	0.3	2
24	Clean Chip Residual as a Substrate for Perennial Nursery Crop Production. <i>Journal of Environmental Horticulture</i> , 2008 , 26, 239-246	0.7	2
23	. <i>IEEE Transactions on Nuclear Science</i> , 2021 , 68, 1495-1504	1.7	2

22	Influence of Flue Gas Desulfurization Gypsum on Phosphorus Loss from a Horticultural Growth Medium. <i>Horticulturae</i> , 2021 , 7, 199	2.5	2
21	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
20	Soil and vegetation responses to amendment with pulverized classified paper waste. <i>Soil and Tillage Research</i> , 2019 , 194, 104328	6.5	1
19	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
18	"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
17	Application of Neutron-Gamma Analysis for Determining Compost C/N Ratio. <i>Compost Science and Utilization</i> , 2019 , 27, 146-160	1.2	1
16	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
15	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
14	Evaluation of Poultry Litter Fertilization Practices on Greenhouse Gas Emissions. <i>ACS Symposium Series</i> , 2011 , 473-492	0.4	1
13	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
12	Fertility Management Effects on Runoff Losses of Phosphorus. <i>ACS Symposium Series</i> , 2003 , 220-234	0.4	1
11	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
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