

Kristofor Brye

List of Publications by Year in descending order

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149
papers

2,531
citations

249298

26
h-index

312153

41
g-index

151
all docs

151
docs citations

151
times ranked

2369
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of electrochemically precipitated struvite as a fertilizer phosphorus source in flood-irrigated rice. <i>Agronomy Journal</i> , 2022, 114, 739-755.	0.9	11
2	The effect of anode degradation on energy demand and production efficiency of electrochemically precipitated struvite. <i>Journal of Applied Electrochemistry</i> , 2022, 52, 205-215.	1.5	6
3	Long-term agricultural practice effects on carbon and nitrogen isotopes of soil organic matter fractions. , 2022, 5, .		6
4	Site position and tillage treatment effects on nitrous oxide emissions from furrow-irrigated rice on a silt-loam Alfisol in the Mid-south, USA. <i>Geoderma Regional</i> , 2022, 28, e00491.	0.9	3
5	Water quality adjacent to swine slurry holding ponds associated with a concentrated animal feeding operation. , 2022, 5, .		1
6	Wastewater-recycled struvite as a phosphorus source in a wheat-soybean double-crop production system in eastern Arkansas. , 2022, 5, .		5
7	Cover Crop Effects on Near-Surface Soil Aggregate Stability in the Southern Mississippi Valley Loess (MLRA 134). <i>Agricultural Sciences</i> , 2022, 13, 741-757.	0.2	2
8	Wastewater-recovered struvite evaluation as a fertilizer phosphorus source for corn in eastern Arkansas. <i>Agronomy Journal</i> , 2022, 114, 2994-3012.	0.9	7
9	Soil quality indices as affected by long-term burning, irrigation, tillage, and fertility management. <i>Soil Science Society of America Journal</i> , 2021, 85, 379-395.	1.2	15
10	Nematode populations as affected by residue and water management in a long-term wheat-soybean double-crop system in eastern Arkansas. <i>Applied Soil Ecology</i> , 2021, 157, 103761.	2.1	5
11	Earthworm density differences among tallgrass prairies over time in the Ozark Highlands. , 2021, 4, e20136.		1
12	Wastewater-recovered struvite effects on total extractable phosphorus compared with other phosphorus sources. , 2021, 4, e20154.		9
13	Near-surface soil property changes affected by management practices in a long-term, wheat-soybean, double-crop system. , 2021, 4, e20210.		0
14	Electrochemically precipitated struvite effects on extractable nutrients compared with other fertilizer phosphorus sources. , 2021, 4, e20183.		8
15	Relationships among soil factors and greenhouse gas emissions from furrow-irrigated Rice in the mid-southern, USA. <i>Geoderma Regional</i> , 2021, 24, e00365.	0.9	11
16	Plant productivity and nutrient uptake as affected by tillage and site position in furrow-irrigated rice. <i>Agronomy Journal</i> , 2021, 113, 2374-2386.	0.9	6
17	Total extractable phosphorus in flooded soil as affected by struvite and other fertilizer phosphorus sources. <i>Soil Science Society of America Journal</i> , 2021, 85, 1157-1173.	1.2	11
18	Soil carbon dioxide effluxes from riparian areas of two hydrogeomorphic settings in the Ozark National Forest, USA. <i>Geoderma Regional</i> , 2021, 26, e00420.	0.9	0

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19	Soil quality assessment of an agroforestry system following long-term management in the Ozark Highlands. , 2021, 4, e20194.		7
20	Earthworm differences among mound positions in native prairies in the Ozark Highlands. , 2021, 4, e20150.		0
21	Characterizing expansiveness and iron reducibility of red clay soils for the purpose of onsite wastewater system placement in Arkansas. , 2021, 4, .		0
22	Carbon and nitrogen properties of particulate organic matter fractions in an Alfisol in the mid-Southern, USA. Geoderma Regional, 2020, 20, e00248.	0.9	12
23	Vertical distribution of fertilizer nitrogen from surface water flooding of a silt loam and clay soil used for rice production. Soil Use and Management, 2020, 37, 406.	2.6	6
24	Corn and soybean response to wastewater-recovered and other common phosphorus fertilizers. , 2020, 3, e20086.		11
25	Fate and transport of phosphorus-containing land-applied swine slurry in a karst watershed. , 2020, 3, e20096.		4
26	Landuse and Physiographic Region Effects on Soil Carbon and Nitrogen Sequestration in Arkansas. , 2020, , .		1
27	Can soil phosphorus sorption saturation estimate future potential legacy phosphorus sources?. , 2020, 3, e20122.		1
28	Landuse and soil property effects on infiltration into Alfisols in the Lower Mississippi River Valley, USA. Geoderma Regional, 2020, 22, e00297.	0.9	8
29	Simulating switchgrass biomass productivity using ALMANAC. I. Calibration of soil water. Agronomy Journal, 2020, 112, 183-193.	0.9	2
30	Chemically Precipitated Struvite Dissolution Dynamics over Time in Various Soil Textures. Agricultural Sciences, 2020, 11, 567-591.	0.2	8
31	Near-Surface Soil Nutrient Changes over Time under Native Prairie and Managed Agriculture in Arkansas. Natural Resources, 2020, 11, 243-256.	0.2	1
32	Soil sorption characteristics of benzobicyclon hydrolysate and estimated leaching risk in soils used for rice production. Environmental Chemistry, 2020, 17, 445.	0.7	2
33	Soil phosphorus dynamics following land application of unsaturated and partially saturated red mud and water treatment residuals. Journal of Environmental Management, 2019, 248, 109296.	3.8	13
34	Soil Aggregate Stability as Affected by Landuse and Soil Properties in the Lower Mississippi River Valley. Soil Science Society of America Journal, 2019, 83, 1512-1524.	1.2	16
35	Water Table Impacts on Wastewater Storage around Onsite Drainfield Trenches: Evaluation by Model Simulation. Vadose Zone Journal, 2019, 18, 1-11.	1.3	2
36	Soil moisture regime and mound position effects on soil profile properties in a native tallgrass prairie in northwest Arkansas, USA. Geoderma, 2019, 352, 49-60.	2.3	8

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37	Soil C and N stocks of Alfisols under native tallgrass prairie in the mid-Southern, USA. <i>Geoderma Regional</i> , 2019, 17, e00227.	0.9	0
38	Infiltration as affected by long-term residue and water management on a loess-derived soil in eastern Arkansas, USA. <i>Geoderma Regional</i> , 2019, 16, e00203.	0.9	5
39	Methane emissions from rice across a soil organic matter gradient in Alfisols of Arkansas, USA. <i>Geoderma Regional</i> , 2019, 16, e00200.	0.9	6
40	Long-term residue and water management practice effects on particulate organic matter in a loessial soil in eastern Arkansas, USA. <i>Geoderma</i> , 2019, 337, 792-804.	2.3	12
41	Soil carbon sequestration across a chronosequence of tallgrass prairie restorations in the Ozark Highlands region of northwest Arkansas. <i>AIMS Geosciences</i> , 2019, 5, 1-24.	0.4	5
42	Reduced Disposal Area Performance Utilizing Secondary-Treated Effluent in Profile-Limiting Soils. <i>Journal of Environmental Protection</i> , 2019, 10, 745-771.	0.3	0
43	Soil property differences among high- and average-yielding soya bean areas in Arkansas, USA. <i>Soil Use and Management</i> , 2018, 34, 72-84.	2.6	5
44	Land Application Effects of a High-Calcium, Dry Flue Gas Desulfurization By-Product on Trace Elements in Runoff from Natural Rainfall. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 1.	1.1	0
45	Long-term effects of residue and water management practices on plant parasitic nematode abundance and soybean root infection. <i>Applied Soil Ecology</i> , 2018, 124, 275-283.	2.1	5
46	Estimating Spatial Differences in Methane Emissions to Identify Sustainable Rice Sources. <i>Agronomy Journal</i> , 2018, 110, 611-620.	0.9	5
47	N ₂ O emissions and global warming potential as affected by water management and rice cultivar on an Alfisol in Arkansas, USA. <i>Geoderma Regional</i> , 2018, 14, e00170.	0.9	5
48	Native earthworm population dominance after seven years of tillage, burning, and residue level management in a wheat-soybean, double-crop system. <i>Applied Soil Ecology</i> , 2017, 120, 211-218.	2.1	7
49	Methane emissions as affected by crop rotation and rice cultivar in the Lower Mississippi River Valley, USA. <i>Geoderma Regional</i> , 2017, 11, 8-17.	0.9	11
50	Soil property predictors of soybean yield using yield contest sites. <i>Journal of Crop Improvement</i> , 2017, 31, 816-829.	0.9	4
51	Nitrogen Source Effects on Methane Emissions From Drill-Seeded, Delayed-Flood Rice Production. <i>Soil Science</i> , 2017, 182, 9-17.	0.9	6
52	Microbial Carbon Substrate Utilization Differences among High- and Average-Yield Soybean Areas. <i>Agriculture (Switzerland)</i> , 2017, 7, 48.	1.4	7
53	Profitability of Alternative Management Practices in a Wheat-Soybean, Double-Crop Production System in Arkansas. <i>Agronomy Journal</i> , 2017, 109, 2149-2162.	0.9	1
54	Switchgrass Growth and Effects on Biomass Accumulation, Moisture Content, and Nutrient Removal. <i>Agronomy Journal</i> , 2017, 109, 1359-1367.	0.9	27

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55	Diurnal Methane Fluxes as Affected by Cultivar from Direct-Seeded, Delayed-Flood Rice Production. <i>Journal of Environmental Protection</i> , 2017, 08, 957-973.	0.3	2
56	Previous Crop and Cultivar Effects on Methane Emissions from Drill-Seeded, Delayed-Flood Rice Grown on a Clay Soil. <i>Applied and Environmental Soil Science</i> , 2016, 2016, 1-13.	0.8	30
57	Long-term Management Effects on Soil Properties and Yields in a Wheat-Soybean Double-Crop System in Eastern Arkansas. <i>Soil Science</i> , 2016, 181, 1-12.	0.9	24
58	Characterization of Methane Emissions From Rice Production on a Clay Soil in Arkansas. <i>Soil Science</i> , 2016, 181, 57-67.	0.9	10
59	Factors affecting methane emissions from rice production in the Lower Mississippi river valley, USA. <i>Geoderma Regional</i> , 2016, 7, 223-229.	0.9	23
60	Environmental controls on soil respiration across a southern US climate gradient: a meta-analysis. <i>Geoderma Regional</i> , 2016, 7, 110-119.	0.9	13
61	Validation of an agroecosystem process model (AGRO-BGC) on annual and perennial bioenergy feedstocks. <i>Ecological Modelling</i> , 2016, 321, 23-34.	1.2	3
62	Comparison of Urease Inhibitors for Use in Rice Production on a Silt&Loam Soil. <i>Crop, Forage and Turfgrass Management</i> , 2015, 1, 1-6.	0.2	5
63	Soil Respiration as Affected by Long-Term Broiler Litter Application to a Uduult in the Ozark Highlands. <i>Journal of Environmental Quality</i> , 2015, 44, 115-126.	1.0	9
64	Soil property variation within an aridisol in Big Bend National Park, Texas, USA. <i>Geoderma Regional</i> , 2015, 4, 79-90.	0.9	0
65	Factors influencing the formation of shallow landslides in the Boston Mountains of northwest Arkansas, USA. <i>Physical Geography</i> , 2015, 36, 426-447.	0.6	2
66	Daily soil surface CO2 flux during non-flooded periods in flood-irrigated rice rotations. <i>Agronomy for Sustainable Development</i> , 2015, 35, 771-782.	2.2	8
67	Using Soil Amendments to Increase Bermuda Grass Growth in Soil Contaminated with Hydraulic Fracturing Drilling Fluid. <i>Soil and Sediment Contamination</i> , 2015, 24, 846-864.	1.1	5
68	Switchgrass Management Practice Effects on Near-Surface Soil Properties in West-Central Arkansas. <i>Open Journal of Soil Science</i> , 2015, 05, 69-86.	0.3	6
69	Carbon Dioxide Emissions as Affected by Alternative Long-Term Irrigation and Tillage Management Practices in the Lower Mississippi River Valley. <i>Scientific World Journal</i> , The, 2014, 2014, 1-6.	0.8	1
70	Coarse Fragments Affect Soil Properties in a Mantled-Karst Landscape of the Ozark Highlands. <i>Soil Science</i> , 2014, 179, 42-50.	0.9	12
71	Long-term Residue Management Effects on Soil Respiration in a Wheat-Soybean Double-Crop System. <i>Soil Science</i> , 2014, 179, 118-129.	0.9	17
72	Hydraulic and Physiochemical Properties of a Hillslope Soil Assemblage in the Ozark Highlands. <i>Soil Science</i> , 2014, 179, 107-117.	0.9	11

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73	Cultivar and Previous Crop Effects on Methane Emissions From Drill-Seeded, Delayed-Flood Rice Production on a Silt-Loam Soil. <i>Soil Science</i> , 2014, 179, 28-36.	0.9	30
74	Long-term rice rotation, tillage, and fertility effects on near-surface chemical properties in a silt-loam soil. <i>Nutrient Cycling in Agroecosystems</i> , 2014, 100, 77-94.	1.1	8
75	Residue and Water Management Effects on Aggregate Stability and Aggregate-Associated Carbon and Nitrogen in a Wheat-Soybean, Double-Crop System. <i>Soil Science Society of America Journal</i> , 2014, 78, 1378-1391.	1.2	16
76	Influence of Deep Tillage, a Rye Cover Crop, and Various Soybean Production Systems on Palmer Amaranth Emergence in Soybean. <i>Weed Technology</i> , 2013, 27, 263-270.	0.4	40
77	Soil Texture Effects on Methane Emissions From Direct-Seeded, Delayed-Flood Rice Production in Arkansas. <i>Soil Science</i> , 2013, 178, 519-529.	0.9	39
78	Rice Rotation and Tillage Effects on Water-Stable Soil Macroaggregates and Their Associated Carbon and Nitrogen Contents in a Silt-Loam Soil. <i>Soil Science</i> , 2013, 178, 596-611.	0.9	6
79	Soil Moisture Regime and Land Use History Drive Regional Differences in Soil Carbon and Nitrogen Storage Across Southern Wisconsin. <i>Soil Science</i> , 2013, 178, 486-495.	0.9	4
80	Effluent Storage and Biomat Occurrence among Septic System Absorption Field Architectures in a Typic Fragiudult. <i>Journal of Environmental Quality</i> , 2013, 42, 1213-1225.	1.0	2
81	Methane Emissions from Drill-Seeded, Delayed-Flood Rice Production on a Silt-Loam Soil in Arkansas. <i>Journal of Environmental Quality</i> , 2013, 42, 1059-1069.	1.0	27
82	Rice Rotation and Tillage Effects on Soil Aggregation and Aggregate Carbon and Nitrogen Dynamics. <i>Soil Science Society of America Journal</i> , 2012, 76, 994-1004.	1.2	16
83	Long-term Effects of Aboveground Biomass Removal by Burning on Potential Nutrient Recycling. <i>Crop Management</i> , 2012, 11, 1-9.	0.3	7
84	Preliminary Evaluation of Septic-System Absorption-Field Architecture Types in a Profile-Limited Soil. <i>Journal of Environmental Quality</i> , 2011, 40, 1661-1673.	1.0	2
85	Near-Surface Soil Property Changes Over Time as Affected by Grassland Management in the Ozark Highlands. <i>Soil Science</i> , 2011, 176, 129-135.	0.9	6
86	Soil Compaction above Long-Term Lysimeter Installations. <i>Soil Science Society of America Journal</i> , 2011, 75, 30-34.	1.2	2
87	Land-use effects on water quality of a first-order stream in the Ozark Highlands, mid-southern United States. <i>River Research and Applications</i> , 2011, 27, 772-790.	0.7	36
88	Quantification of stormwater runoff using a combined GIS and curve number approach: a case study for an urban watershed in the Ozark Highlands, USA. <i>Urban Water Journal</i> , 2011, 8, 255-265.	1.0	3
89	Regional Differences in Soil Carbon and Nitrogen Storage as Affected by Land Use and Soil Moisture Regime. <i>Soil Science</i> , 2010, 175, 339-348.	0.9	16
90	Trends in Dry Matter Yield Following Differential Broiler Litter Application from a Soil Enriched with Organic Matter and Phosphorus. <i>Forage and Grazinglands</i> , 2010, 8, 1-8.	0.2	2

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91	Broiler Litter Composition as Affected by Water Extractant, Dilution Ratio, and Extraction Time. <i>Communications in Soil Science and Plant Analysis</i> , 2010, 41, 2340-2357.	0.6	4
92	Weed Populations as Affected by Residue Management Practices in a Wheat-Soybean Double-Crop Production System. <i>Weed Science</i> , 2010, 58, 234-243.	0.8	13
93	Runoff Water Quality from Broiler Litter-Amended Tall Fescue in Response to Natural Precipitation in the Ozark Highlands. <i>Journal of Environmental Quality</i> , 2009, 38, 1005-1017.	1.0	20
94	Soil Properties, Soybean Response, and Economic Return as Affected by Residue and Water Management Practices. <i>Agroecology and Sustainable Food Systems</i> , 2009, 33, 716-744.	0.9	13
95	Potential Observation Reduction for Characterizing a Suite of Soil Surface Properties in Native Prairies in the Midsouthern United States. <i>Soil Science</i> , 2009, 174, 516-522.	0.9	7
96	Broiler-Litter Application History and Soil-Depth Effects on Arsenic Sorption. <i>Soil Science</i> , 2009, 174, 661-675.	0.9	4
97	Soil and Plant Property Differences Across a Chronosequence of Humid-Temperate Tallgrass Prairie Restorations. <i>Soil Science</i> , 2009, 174, 346-357.	0.9	22
98	Land Use Effects on Near-Surface Soil Arsenic in the Ozark Highlands. <i>Soil Science</i> , 2009, 174, 121-129.	0.9	4
99	Five-Year Change in Soil Profile Chemical Properties as Affected by Broiler Litter Application Rate. <i>Soil Science</i> , 2009, 174, 531-542.	0.9	11
100	Land Use Effects on Runoff and Water Quality on an Eastern Arkansas Soil Under Simulated Rainfall. <i>Agroecology and Sustainable Food Systems</i> , 2008, 32, 231-253.	0.9	14
101	RESIDUE MANAGEMENT AND WATER DELIVERY EFFECTS ON SEASON-LONG SURFACE SOIL WATER DYNAMICS IN SOYBEAN. <i>Soil Science</i> , 2008, 173, 444-455.	0.9	8
102	RESIDUE MANAGEMENT PRACTICE EFFECTS ON SOIL PENETRATION RESISTANCE IN A WHEAT-SOYBEAN DOUBLE-CROP PRODUCTION SYSTEM. <i>Soil Science</i> , 2008, 173, 779-791.	0.9	5
103	Wheat Response to Nitrogen under Low Phosphorus and Potassium Fertility in a Wheat-Soybean Production System. <i>Communications in Soil Science and Plant Analysis</i> , 2007, 38, 389-402.	0.6	2
104	Residue Management Practice Effects on Soybean Establishment and Growth in a Young Wheat-Soybean Double-Cropping System. <i>Agroecology and Sustainable Food Systems</i> , 2007, 29, 97-120.	0.9	35
105	BROILER LITTER RATE EFFECTS ON NUTRIENT LEACHING FROM SOIL UNDER PASTURE VEGETATION IN THE OZARK HIGHLANDS. <i>Soil Science</i> , 2007, 172, 1001-1018.	0.9	11
106	Residue Management Practice Effects on Soil Surface Properties in a Young Wheat-Soybean Double-Crop System. <i>Agroecology and Sustainable Food Systems</i> , 2007, 29, 121-150.	0.9	39
107	Variations in Stream Water and Sediment Phosphorus among Select Ozark Catchments. <i>Journal of Environmental Quality</i> , 2007, 36, 1725-1734.	1.0	60
108	Impact of Nitrogen Applications to Wheat on No-tillage Double-crop Soybean. <i>Crop Management</i> , 2007, 6, 1-12.	0.3	1

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109	Predictability of Crop Production in a Clay Soil Based on a Comprehensive, Post-land-leveling Soil Property Evaluation. <i>Crop Management</i> , 2007, 6, 1-13.	0.3	0
110	Soil physiochemical changes following 12 years of annual burning in a humid subtropical tallgrass prairie: a hypothesis. <i>Acta Oecologica</i> , 2006, 30, 407-413.	0.5	52
111	Relationships among Coefficient of Linear Extensibility and Clay Fractions in Expansive, Stoney Soils. <i>Soil Science Society of America Journal</i> , 2006, 70, 1983-1990.	1.2	22
112	Soil Biochemical Properties as Affected by Land Leveling in a Clayey Aquert. <i>Soil Science Society of America Journal</i> , 2006, 70, 1129-1139.	1.2	18
113	Recovery of Nitrogen in Fresh and Pelletized Poultry Litter by Rice. <i>Soil Science Society of America Journal</i> , 2006, 70, 1359-1369.	1.2	14
114	Poultry Litter Decomposition as Affected by Litter Form and Rate before Flooding for Rice Production. <i>Soil Science Society of America Journal</i> , 2006, 70, 1155-1167.	1.2	7
115	Impact of Tillage and Residue Burning on Carbon Dioxide Flux in a Wheat-Soybean Production System. <i>Soil Science Society of America Journal</i> , 2006, 70, 1145-1154.	1.2	35
116	Soil Physical and Biological Properties as Affected by Land Leveling in a Clayey Aquert. <i>Soil Science Society of America Journal</i> , 2006, 70, 631-642.	1.2	39
117	Metal uptake by tall fescue (<i>Festuca arundinacea</i>) as affected by poultry litter application. <i>Grass and Forage Science</i> , 2006, 61, 192-199.	1.2	13
118	Vegetation Removal Effects on Soil Quality in a Native Tallgrass Prairie Fragment in East-Central Arkansas. <i>Natural Areas Journal</i> , 2006, 26, 94-100.	0.2	11
119	Soluble Metal Leaching from a Poultry Litter-Amended Udult under Pasture Vegetation. <i>Vadose Zone Journal</i> , 2006, 5, 1017-1034.	1.3	21
120	SOIL CHEMISTRY AS AFFECTED BY FIRST-TIME PRESCRIBED BURNING OF A GRASSLAND RESTORATION ON A COASTAL PLAIN ULTISOL. <i>Soil Science</i> , 2005, 170, 913-927.	0.9	17
121	GRASSLAND MANAGEMENT EFFECTS ON SOIL SURFACE PROPERTIES IN THE OZARK HIGHLANDS. <i>Soil Science</i> , 2005, 170, 63-73.	0.9	30
122	Native Soil Quality and the Effects of Tillage in the Grand Prairie Region of Eastern Arkansas. <i>American Midland Naturalist</i> , 2005, 154, 28-41.	0.2	38
123	Short-term Effects of Poultry Litter Form and Rate on Soil Bulk Density and Water Content. <i>Communications in Soil Science and Plant Analysis</i> , 2005, 35, 2311-2325.	0.6	25
124	Can Crop Productivity be Predicted by Soil Characterization After Land Leveling?. <i>Crop Management</i> , 2004, 3, 1-10.	0.3	5
125	Nutrient Input and Removal Trends for Agricultural Soils in Nine Geographic Regions in Arkansas. <i>Journal of Environmental Quality</i> , 2004, 33, 1606-1615.	1.0	43
126	Short-term Effects of Land Leveling on Soil Chemical Properties and Their Relationships with Microbial Biomass. <i>Soil Science Society of America Journal</i> , 2004, 68, 924-934.	1.2	31

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127	Relationships Among Soil Carbon and Physiochemical Properties of a Typic Albaqualf as Affected by Years Under Cultivation. <i>Communications in Soil Science and Plant Analysis</i> , 2004, 35, 177-192.	0.6	13
128	Land-use Effects on Anion-associated Cation Leaching in Response to Above-normal Precipitation. <i>Clean - Soil, Air, Water</i> , 2004, 32, 235-248.	0.8	14
129	Improvements to Measuring Water Flux in the Vadose Zone. <i>Journal of Environmental Quality</i> , 2004, 33, 1152-1158.	1.0	47
130	Soil Quality Differences Under Native Tallgrass Prairie Across a Climosequence in Arkansas. <i>American Midland Naturalist</i> , 2004, 152, 214-230.	0.2	32
131	Estimating Bulk Density in Vertically Exposed Stoney Alluvium Using a Modified Excavation Method. <i>Journal of Environmental Quality</i> , 2004, 33, 1937-1942.	1.0	18
132	Short-Term Effects of Land Leveling on Soil Chemical Properties and Their Relationships with Microbial Biomass. <i>Soil Science Society of America Journal</i> , 2004, 68, 924.	1.2	11
133	Methodological limitations and N-budget differences among a restored tallgrass prairie and maize agroecosystems. <i>Agriculture, Ecosystems and Environment</i> , 2003, 97, 181-198.	2.5	21
134	Carbon and Nitrogen Storage in a Typic Albaqualf as Affected by Assessment Method. <i>Communications in Soil Science and Plant Analysis</i> , 2003, 34, 1637-1655.	0.6	26
135	Integrated Biosphere Simulator (IBIS) Yield and Nitrate Loss Predictions for Wisconsin Maize Receiving Varied Amounts of Nitrogen Fertilizer. <i>Journal of Environmental Quality</i> , 2003, 32, 247-268.	1.0	131
136	Short-Term Effects of Land Leveling on Soil Physical Properties and Microbial Biomass. <i>Soil Science Society of America Journal</i> , 2003, 67, 1405-1417.	1.2	38
137	The Fate of Nutrients Following Three- and Six-year Burn Intervals in a Tallgrass Prairie Restoration in Wisconsin. <i>American Midland Naturalist</i> , 2002, 148, 28-42.	0.2	19
138	CARBON BUDGETS FOR A PRAIRIE AND AGROECOSYSTEMS: EFFECTS OF LAND USE AND INTERANNUAL VARIABILITY. , 2002, 12, 962-979.		87
139	Refinements to an In-Situ Soil Core Technique for Measuring Net Nitrogen Mineralization in Moist, Fertilized Agricultural Soil. <i>Agronomy Journal</i> , 2002, 94, 864.	0.9	10
140	Phosphorus Leaching under a Restored Tallgrass Prairie and Corn Agroecosystems. <i>Journal of Environmental Quality</i> , 2002, 31, 769-781.	1.0	48
141	Refinements to an In-Situ Soil Core Technique for Measuring Net Nitrogen Mineralization in Moist, Fertilized Agricultural Soil. <i>Agronomy Journal</i> , 2002, 94, 864-869.	0.9	19
142	Nitrogen and Carbon Leaching in Agroecosystems and Their Role in Denitrification Potential. <i>Journal of Environmental Quality</i> , 2001, 30, 58-70.	1.0	154
143	Measurements and Modeling of Carbon and Nitrogen Cycling in Agroecosystems of Southern Wisconsin: Potential for SOC Sequestration during the Next 50 Years. <i>Ecosystems</i> , 2001, 4, 237-258.	1.6	103
144	Water Budget Evaluation of Prairie and Maize Ecosystems. <i>Soil Science Society of America Journal</i> , 2000, 64, 715-724.	1.2	97

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145	An Equilibrium Tension Lysimeter for Measuring Drainage through Soil. Soil Science Society of America Journal, 1999, 63, 536-543.	1.2	77
146	Land use and environmental factors influencing soil surface CO2 flux and microbial biomass in natural and managed ecosystems in southern Wisconsin. Soil Biology and Biochemistry, 1998, 30, 1501-1509.	4.2	91
147	Methane Emissions from Rice Production in the United States – A Review of Controlling Factors and Summary of Research. , 0, , .		12
148	Short-term Effects of Poultry Litter Form and Rate on Soil Bulk Density and Water Content. , 0, .		6
149	Preferential transport of phosphorus from surface-applied poultry litter in soils from karst and non-karst landscapes. Soil Science Society of America Journal, 0, , .	1.2	0