

James Anthony Ippolito

List of Publications by Year in descending order

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Version: 2024-02-01

136
papers

6,614
citations

100601

38
h-index

81351

76
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139
all docs

139
docs citations

139
times ranked

6402
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of biochar on trace element uptake, toxicity and detoxification in plants and associated health risks: A critical review. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 2803-2843.	6.6	63
2	Furrow-irrigated corn residue management and tillage strategies for improved soil health. <i>Soil and Tillage Research</i> , 2022, 216, 105238.	2.6	3
3	Wheat grain micronutrients and relationships with yield and protein in the U.S. Central Great Plains. <i>Field Crops Research</i> , 2022, 279, 108453.	2.3	9
4	Carbon-sensitive pedotransfer functions for plant available water. <i>Soil Science Society of America Journal</i> , 2022, 86, 612-629.	1.2	33
5	Linking soil microbial community structure to potential carbon mineralization: A continental scale assessment of reduced tillage. <i>Soil Biology and Biochemistry</i> , 2022, 168, 108618.	4.2	17
6	Corn productivity and soil characteristic alterations following transition from conventional to conservation tillage. <i>Soil and Tillage Research</i> , 2022, 220, 105351.	2.6	7
7	Does Turbulent-flow Conditioning of Irrigation Water Influence Soil Chemical Processes: II. Long-term Soil and Crop Study. <i>Communications in Soil Science and Plant Analysis</i> , 2022, 53, 636-650.	0.6	0
8	An evaluation of carbon indicators of soil health in long-term agricultural experiments. <i>Soil Biology and Biochemistry</i> , 2022, 172, 108708.	4.2	63
9	Metal contamination in soils and windowsill dusts: implication of multiple sources on dust metal accumulation within a city affected by Pb smelting. <i>Environmental Science and Pollution Research</i> , 2022, , 1.	2.7	1
10	The Clean Water Act and biosolids: A 45-year chronological review of biosolids land application research in Colorado. <i>Journal of Environmental Quality</i> , 2022, 51, 780-796.	1.0	2
11	Bioaccessibility, source and human health risk of Pb, Cd, Cu and Zn in windowsill dusts from an area affected by long-term Pb smelting. <i>Science of the Total Environment</i> , 2022, 842, 156707.	3.9	12
12	Selecting soil hydraulic properties as indicators of soil health: Measurement response to management and site characteristics. <i>Soil Science Society of America Journal</i> , 2022, 86, 1206-1226.	1.2	18
13	Biochars reduce irrigation water sodium adsorption ratio. <i>Biochar</i> , 2021, 3, 77-87.	6.2	20
14	Cross-linked polymers increase nutrient sorption in degraded soils. <i>Agronomy Journal</i> , 2021, 113, 1121-1135.	0.9	1
15	Soil health changes following transition from an annual cropping to perennial management-intensive grazing agroecosystem. , 2021, 4, e20181.		5
16	Lead smelting alters wheat flour heavy metal concentrations and health risks. <i>Journal of Environmental Quality</i> , 2021, 50, 454-464.	1.0	5
17	Microbial response to designer biochar and compost treatments for mining impacted soils. <i>Biochar</i> , 2021, 3, 299-314.	6.2	7
18	Solubilization of organic phosphorus sources by cyanobacteria and a commercially available bacterial consortium. <i>Applied Soil Ecology</i> , 2021, 162, 103900.	2.1	17

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19	Nutrient alterations following biochar application to a Cd-contaminated solution and soil. <i>Biochar</i> , 2021, 3, 457-468.	6.2	7
20	Long-Term Biosolids Applications to Overgrazed Rangelands Improve Soil Health. <i>Agronomy</i> , 2021, 11, 1339.	1.3	5
21	Physicochemical disintegration of biochar: a potentially important process for long-term cadmium and lead sorption. <i>Biochar</i> , 2021, 3, 511-518.	6.2	5
22	How biochar works, and when it doesn't: A review of mechanisms controlling soil and plant responses to biochar. <i>GCB Bioenergy</i> , 2021, 13, 1731-1764.	2.5	286
23	Phytostabilization of acidic mine tailings with biochar, biosolids, lime, and locally-sourced microbial inoculum: Do amendment mixtures influence plant growth, tailing chemistry, and microbial composition?. <i>Applied Soil Ecology</i> , 2021, 165, 103962.	2.1	27
24	Soil fertility interactions with Sinorhizobium-legume symbiosis in a simulated Martian regolith; effects on nitrogen content and plant health. <i>PLoS ONE</i> , 2021, 16, e0257053.	1.1	7
25	Long-term biosolids land application influences soil health. <i>Science of the Total Environment</i> , 2021, 791, 148344.	3.9	17
26	The Partnerships for Data Innovations (PDI): Facilitating data stewardship and catalyzing research engagement in the digital age. <i>Agricultural and Environmental Letters</i> , 2021, 6, e20055.	0.8	5
27	Expanding the Analytical Window for Biochar Speciation: Molecular Comparison of Solvent Extraction and Water-Soluble Fractions of Biochar by FT-ICR Mass Spectrometry. <i>Analytical Chemistry</i> , 2021, 93, 15365-15372.	3.2	13
28	Microbial Response to Phytostabilization in Mining Impacted Soils Using Maize in Conjunction with Biochar and Compost. <i>Microorganisms</i> , 2021, 9, 2545.	1.6	3
29	Lead smelting effects heavy metal concentrations in soils, wheat, and potentially humans. <i>Environmental Pollution</i> , 2020, 257, 113641.	3.7	63
30	Soil health management practices and crop productivity. <i>Agricultural and Environmental Letters</i> , 2020, 5, e20023.	0.8	25
31	Short- and Long-Term Biochar Cadmium and Lead Immobilization Mechanisms. <i>Environments - MDPI</i> , 2020, 7, 53.	1.5	6
32	Feedstock choice, pyrolysis temperature and type influence biochar characteristics: a comprehensive meta-data analysis review. <i>Biochar</i> , 2020, 2, 421-438.	6.2	333
33	Atmospheric deposition of arsenic, cadmium, copper, lead, and zinc near an operating and an abandoned lead smelter. <i>Journal of Environmental Quality</i> , 2020, 49, 1667-1678.	1.0	16
34	Moving toward Sustainable Irrigation in a Southern Idaho Irrigation Project. <i>Transactions of the ASABE</i> , 2020, 63, 1441-1449.	1.1	3
35	Cadmium, copper, lead and zinc accumulation in wild plant species near a lead smelter. <i>Ecotoxicology and Environmental Safety</i> , 2020, 198, 110683.	2.9	36
36	Phosphorus removal from swine wastewater using aluminum-based water treatment residuals. <i>Resources Conservation & Recycling X</i> , 2020, 6, 100039.	4.2	3

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37	Reusing oil and gas produced water for agricultural irrigation: Effects on soil health and the soil microbiome. <i>Science of the Total Environment</i> , 2020, 722, 137888.	3.9	41
38	Lead source and bioaccessibility in windowsill dusts within a Pb smelting-affected area. <i>Environmental Pollution</i> , 2020, 266, 115110.	3.7	20
39	Phosphorus pools in Al and Fe-based water treatment residuals (WTRs) following mixing with agro-wastewater – A sequential extraction study. <i>Environmental Technology and Innovation</i> , 2020, 18, 100654.	3.0	6
40	Assessing modified aluminum-based water treatment residuals as a plant-available phosphorus source. <i>Chemosphere</i> , 2020, 247, 125949.	4.2	6
41	Municipal biosolids – A resource for sustainable communities. <i>Current Opinion in Environmental Science and Health</i> , 2020, 14, 56-62.	2.1	15
42	Cadmium foliar application affects wheat Cd, Cu, Pb and Zn accumulation. <i>Environmental Pollution</i> , 2020, 262, 114329.	3.7	30
43	Phytostabilization of Zn and Cd in Mine Soil Using Corn in Combination with Biochars and Manure-Based Compost. <i>Environments - MDPI</i> , 2019, 6, 69.	1.5	21
44	Biochar, Manure, and Sawdust Alter Long-Term Water Retention Dynamics in Degraded Soil. <i>Soil Science Society of America Journal</i> , 2019, 83, 1491-1501.	1.2	12
45	Remediation of organic halogen- contaminated wetland soils using biochar. <i>Science of the Total Environment</i> , 2019, 696, 134087.	3.9	22
46	Mechanisms Responsible for Soil Phosphorus Availability Differences between Sprinkler and Furrow Irrigation. <i>Journal of Environmental Quality</i> , 2019, 48, 1370-1379.	1.0	10
47	Effects of Modifiers on the Growth, Photosynthesis, and Antioxidant Enzymes of Cotton Under Cadmium Toxicity. <i>Journal of Plant Growth Regulation</i> , 2019, 38, 1196-1205.	2.8	28
48	Making Phosphorus Fertilizer from Dairy Wastewater with Aluminum Water Treatment Residuals. <i>Soil Science Society of America Journal</i> , 2019, 83, 649-657.	1.2	9
49	Biochar compost blends facilitate switchgrass growth in mine soils by reducing Cd and Zn bioavailability. <i>Biochar</i> , 2019, 1, 97-114.	6.2	74
50	Biochar Immobilizes and Degrades 2,4,6-Trichlorophenol in Soils. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 1364-1371.	2.2	15
51	Wheat straw biochar reduces environmental cadmium bioavailability. <i>Environment International</i> , 2019, 126, 69-75.	4.8	122
52	Biochar for Mine-land Reclamation. , 2019, , 75-90.		7
53	Effect of polymer materials on soil structure and organic carbon under drip irrigation. <i>Geoderma</i> , 2019, 340, 94-103.	2.3	37
54	Biochar, soil and land-use interactions that reduce nitrate leaching and N ₂ O emissions: A meta-analysis. <i>Science of the Total Environment</i> , 2019, 651, 2354-2364.	3.9	339

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55	Mechanism of adsorption of cadmium and lead ions by iron-activated biochar. <i>BioResources</i> , 2019, 14, 842-857.	0.5	24
56	Remediation of an acidic mine spoil: <i>Miscanthus</i> biochar and lime amendment affects metal availability, plant growth, and soil enzyme activity. <i>Chemosphere</i> , 2018, 205, 709-718.	4.2	91
57	Influence of long-term nitrogen fertilization on crop and soil micronutrients in a no-till maize cropping system. <i>Field Crops Research</i> , 2018, 228, 170-182.	2.3	26
58	Phosphorus Sorption Characteristics in Aluminum-based Water Treatment Residuals Reacted with Dairy Wastewater: 1. Isotherms, XRD, and SEM-EDS Analysis. <i>Journal of Environmental Quality</i> , 2018, 47, 538-545.	1.0	14
59	Phosphorus Sorption to Aluminum-based Water Treatment Residuals Reacted with Dairy Wastewater: 2. X-Ray Absorption Spectroscopy. <i>Journal of Environmental Quality</i> , 2018, 47, 546-553.	1.0	12
60	Soil Carbon and Nitrogen Transformations under Soybean as Influenced by Organic Farming. <i>Agronomy Journal</i> , 2018, 110, 1883-1892.	0.9	5
61	Biochar research activities and their relation to development and environmental quality. A meta-analysis. <i>Agronomy for Sustainable Development</i> , 2017, 37, 1.	2.2	17
62	Multi-year and multi-location soil quality and crop biomass yield responses to hardwood fast pyrolysis biochar. <i>Geoderma</i> , 2017, 289, 46-53.	2.3	54
63	BIOCHAR AS A TOOL TO REDUCE THE AGRICULTURAL GREENHOUSE-GAS BURDEN – KNOWN, UNKNOWN AND FUTURE RESEARCH NEEDS. <i>Journal of Environmental Engineering and Landscape Management</i> , 2017, 25, 114-139.	0.4	144
64	Innovative approach for recycling phosphorous from agro-wastewaters using water treatment residuals (WTR). <i>Chemosphere</i> , 2017, 168, 234-243.	4.2	26
65	Soil Quality Improvement through Conversion to Sprinkler Irrigation. <i>Soil Science Society of America Journal</i> , 2017, 81, 1505-1516.	1.2	17
66	Biochars Reduce Mine Land Soil Bioavailable Metals. <i>Journal of Environmental Quality</i> , 2017, 46, 411-419.	1.0	65
67	Meta-Analyses of Biosolids Effect in Dryland Wheat Agroecosystems. <i>Journal of Environmental Quality</i> , 2017, 46, 452-460.	1.0	8
68	Greenhouse Gas Emissions from an Irrigated Dairy Forage Rotation as Influenced by Fertilizer and Manure Applications. <i>Soil Science Society of America Journal</i> , 2017, 81, 537-545.	1.2	21
69	Path Analyses of Grain P, Zn, Cu, Fe, and Ni in a Biosolids-Amended Dryland Wheat Agroecosystem. <i>Journal of Environmental Quality</i> , 2016, 45, 1400-1404.	1.0	4
70	Soil Health, Crop Productivity, Microbial Transport, and Mine Spoil Response to Biochars. <i>Bioenergy Research</i> , 2016, 9, 454-464.	2.2	48
71	Contrasting effects of biochar versus manure on soil microbial communities and enzyme activities in an Aridisol. <i>Chemosphere</i> , 2016, 142, 145-152.	4.2	181
72	Stabilizing effect of biochar on soil extracellular enzymes after a denaturing stress. <i>Chemosphere</i> , 2016, 142, 114-119.	4.2	45

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73	Phosphorus Losses from an Irrigated Watershed in the Northwestern United States: Case Study of the Upper Snake Rock Watershed. <i>Journal of Environmental Quality</i> , 2015, 44, 552-559.	1.0	12
74	Uptake Coefficients for Biosolids-Amended Dryland Winter Wheat. <i>Journal of Environmental Quality</i> , 2015, 44, 286-292.	1.0	2
75	GHG impacts of biochar: Predictability for the same biochar. <i>Agriculture, Ecosystems and Environment</i> , 2015, 207, 183-191.	2.5	48
76	Soil-Plant-Microbial Relations in Hydrothermally Altered Soils of Northern California. <i>Soil Science Society of America Journal</i> , 2014, 78, 509-519.	1.2	0
77	Copper and Zinc Speciation in a Biosolids-Amended, Semiarid Grassland Soil. <i>Journal of Environmental Quality</i> , 2014, 43, 1576-1584.	1.0	4
78	Biochar and Manure Effects on Net Nitrogen Mineralization and Greenhouse Gas Emissions from Calcareous Soil under Corn. <i>Soil Science Society of America Journal</i> , 2014, 78, 1641-1655.	1.2	82
79	Removal of Vegetative Clippings Reduces Dissolved Phosphorus Loss in Runoff. <i>Communications in Soil Science and Plant Analysis</i> , 2014, 45, 1555-1564.	0.6	3
80	Physical Disintegration of Biochar: An Overlooked Process. <i>Environmental Science and Technology Letters</i> , 2014, 1, 326-332.	3.9	245
81	Hardwood Biochar Influences Calcareous Soil Physicochemical and Microbiological Status. <i>Journal of Environmental Quality</i> , 2014, 43, 681-689.	1.0	70
82	Soil-Plant Nutrient Interactions on Manure-Enriched Calcareous Soils. <i>Agronomy Journal</i> , 2014, 106, 73-80.	0.9	15
83	Addition of activated switchgrass biochar to an aridic subsoil increases microbial nitrogen cycling gene abundances. <i>Applied Soil Ecology</i> , 2013, 65, 65-72.	2.1	170
84	Use of Standardized Procedures to Evaluate Metal Leaching from Waste Foundry Sands. <i>Journal of Environmental Quality</i> , 2013, 42, 615-620.	1.0	10
85	Investigation of Copper Sorption by Sugar Beet Processing Lime Waste. <i>Journal of Environmental Quality</i> , 2013, 42, 919-924.	1.0	8
86	Biochar and Manure Affect Calcareous Soil and Corn Silage Nutrient Concentrations and Uptake. <i>Journal of Environmental Quality</i> , 2012, 41, 1033-1043.	1.0	170
87	Biochars Impact on Soil-Moisture Storage in an Ultisol and Two Aridisols. <i>Soil Science</i> , 2012, 177, 310-320.	0.9	273
88	Biochar: A Synthesis of Its Agronomic Impact beyond Carbon Sequestration. <i>Journal of Environmental Quality</i> , 2012, 41, 973-989.	1.0	738
89	Environmental Benefits of Biochar. <i>Journal of Environmental Quality</i> , 2012, 41, 967-972.	1.0	270
90	Switchgrass Biochar Affects Two Aridisols. <i>Journal of Environmental Quality</i> , 2012, 41, 1123-1130.	1.0	97

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91	Analysis of total metals in waste molding and core sands from ferrous and non-ferrous foundries. <i>Journal of Environmental Management</i> , 2012, 110, 77-81.	3.8	26
92	Development of vegetation based soil quality indices for mineralized terrane in arid and semi-arid regions. <i>Ecological Indicators</i> , 2012, 20, 65-74.	2.6	26
93	Macroscopic and Molecular Investigations of Copper Sorption by a Steam-Activated Biochar. <i>Journal of Environmental Quality</i> , 2012, 41, 1150-1156.	1.0	92
94	Biosolids application to no-till dryland agroecosystems. <i>Agriculture, Ecosystems and Environment</i> , 2012, 150, 72-81.	2.5	20
95	Drinking Water Treatment Residuals: A Review of Recent Uses. <i>Journal of Environmental Quality</i> , 2011, 40, 1-12.	1.0	264
96	Learning Gains and Response to Digital Lessons on Soil Genesis and Development. <i>Journal of Geoscience Education</i> , 2011, 59, 194-204.	0.8	4
97	Zeolite Soil Application Method Affects Inorganic Nitrogen, Moisture, and Corn Growth. <i>Soil Science</i> , 2011, 176, 136-142.	0.9	76
98	Clinoptilolite Zeolite Influence on Nitrogen in a Manure-Amended Sandy Agricultural Soil. <i>Communications in Soil Science and Plant Analysis</i> , 2011, 42, 2370-2378.	0.6	10
99	Copper Impacts on Corn, Soil Extractability, and the Soil Bacterial Community. <i>Soil Science</i> , 2010, 175, 586-592.	0.9	18
100	Clinoptilolite Zeolite Influence on Inorganic Nitrogen in Silt Loam and Sandy Agricultural Soils. <i>Soil Science</i> , 2010, 175, 357-362.	0.9	9
101	Fifteen years of wheat yield, N uptake, and soil nitrate-N dynamics in a biosolids-amended agroecosystem. <i>Agriculture, Ecosystems and Environment</i> , 2010, 139, 116-120.	2.5	21
102	Macroscopic and microscopic variation in recovered magnesium phosphate materials: Implications for phosphorus removal processes and product re-use. <i>Bioresource Technology</i> , 2010, 101, 877-885.	4.8	18
103	Phosphorus biogeochemistry across a precipitation gradient in grasslands of central North America. <i>Journal of Arid Environments</i> , 2010, 74, 954-961.	1.2	32
104	Water Treatment Residuals and Biosolids Long-Term Co-Applications Effects to Semi-Arid Grassland Soils and Vegetation. <i>Soil Science Society of America Journal</i> , 2009, 73, 1880-1889.	1.2	18
105	Selenium adsorption to aluminum-based water treatment residuals. <i>Journal of Colloid and Interface Science</i> , 2009, 338, 48-55.	5.0	95
106	Continuous biosolids application affects grain elemental concentrations in a dryland-wheat agroecosystem. <i>Agriculture, Ecosystems and Environment</i> , 2009, 129, 340-343.	2.5	4
107	Fate of biosolids Cu and Zn in a semi-arid grassland. <i>Agriculture, Ecosystems and Environment</i> , 2009, 131, 325-332.	2.5	12
108	Effectiveness of Recovered Magnesium Phosphates as Fertilizers in Neutral and Slightly Alkaline Soils. <i>Agronomy Journal</i> , 2009, 101, 323-329.	0.9	118

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109	Water Treatment Residuals and Biosolids Coapplications Affect Phosphatases in a Semi-arid Rangeland Soil. <i>Communications in Soil Science and Plant Analysis</i> , 2008, 39, 2812-2826.	0.6	5
110	PREDICTING SOIL-EXTRACTABLE ZN, P, FE, AND CU IN A BIOSOLIDS-AMENDED DRYLAND WHEAT AGROECOSYSTEM. <i>Soil Science</i> , 2008, 173, 175-185.	0.9	5
111	Fate of Biosolids Trace Metals in a Dryland Wheat Agroecosystem. <i>Journal of Environmental Quality</i> , 2008, 37, 2135-2144.	1.0	12
112	Water Treatment Residuals and Biosolids Coapplications Affect Semiarid Rangeland Phosphorus Cycling. <i>Soil Science Society of America Journal</i> , 2008, 72, 711-719.	1.2	17
113	THE EFFECT OF LONG-TERM WATER TREATMENT RESIDUALS " BIOSOLIDS CO-APPLICATIONS ON NATIVE RANGELAND SOIL. <i>Proceedings of the Water Environment Federation</i> , 2007, 2007, 812-827.	0.0	0
114	Nutrient Assessment of a Dryland Wheat Agroecosystem after 12 Years of Biosolids Applications. <i>Agronomy Journal</i> , 2007, 99, 715-722.	0.9	39
115	Biosolids Impact Soil Phosphorus Accountability, Fractionation, and Potential Environmental Risk. <i>Journal of Environmental Quality</i> , 2007, 36, 764-772.	1.0	29
116	The ratio of germanium to silicon in plant phytoliths: quantification of biological discrimination under controlled experimental conditions. <i>Biogeochemistry</i> , 2007, 86, 189-199.	1.7	45
117	Kinetics of Copper Desorption from Highly Calcareous Soils. <i>Communications in Soil Science and Plant Analysis</i> , 2006, 37, 797-809.	0.6	32
118	Biosolids Affect Soil Barium in a Dryland Wheat Agroecosystem. <i>Journal of Environmental Quality</i> , 2006, 35, 2333-2341.	1.0	20
119	Long-term impacts of infrequent biosolids applications on chemical and microbial properties of a semi-arid rangeland soil. <i>Biology and Fertility of Soils</i> , 2006, 42, 258-266.	2.3	58
120	Phosphorus Extraction Methods for Water Treatment Residual-amended Soils. <i>Communications in Soil Science and Plant Analysis</i> , 2006, 37, 859-870.	0.6	10
121	Phosphorus Fractions in Soils of Taylor Valley, Antarctica. <i>Soil Science Society of America Journal</i> , 2006, 70, 806-815.	1.2	23
122	AMENDMENT EFFECTS ON pH AND SALT CONTENT OF BAUXITE RESIDUE. <i>Soil Science</i> , 2005, 170, 832-841.	0.9	20
123	Soil Properties Affecting Wheat Yields following Drilling-Fluid Application. <i>Journal of Environmental Quality</i> , 2005, 34, 1687-1696.	1.0	34
124	Phosphorus Retention Mechanisms of a Water Treatment Residual. <i>Journal of Environmental Quality</i> , 2003, 32, 1857-1864.	1.0	122
125	Termination of Sewage Biosolids Application Affects Wheat Yield and Other Agronomic Characteristics. <i>Agronomy Journal</i> , 2003, 95, 1288-1294.	0.9	14
126	Combinations of water treatment residuals and biosolids affect two range grasses. <i>Communications in Soil Science and Plant Analysis</i> , 2002, 33, 831-844.	0.6	11

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127	Environmental Management of Biosolids and Water Treatment Residuals. Proceedings of the Water Environment Federation, 2001, 2001, 348-358.	0.0	3
128	Nitrogen Fertilizer Equivalency of Sewage Biosolids Applied to Dryland Winter Wheat. Journal of Environmental Quality, 2000, 29, 1345-1351.	1.0	35
129	Modified nitric acid plant tissue digest method. Communications in Soil Science and Plant Analysis, 2000, 31, 2473-2482.	0.6	14
130	Coâ€Application Effects of Water Treatment Residuals and Biosolids on Two Range Grasses. Journal of Environmental Quality, 1999, 28, 1644-1650.	1.0	66
131	Chloride Versus Sulfate Salinity Effects on Alfalfa Shoot Growth and Ionic Balance. Soil Science Society of America Journal, 1999, 63, 111-116.	1.2	10
132	Extractable Trace Elements in the Soil Profile after Years of Biosolids Application. Journal of Environmental Quality, 1998, 27, 801-805.	1.0	44
133	Sewage Biosolids Cumulative Effects on Extractableâ€Soil and Grain Elemental Concentrations. Journal of Environmental Quality, 1997, 26, 1696-1702.	1.0	27
134	Distribution and Mineralization of Biosolids Nitrogen Applied to Dryland Wheat. Journal of Environmental Quality, 1996, 25, 796-801.	1.0	27
135	Biosolids Effect on Phosphorus, Copper, Zinc, Nickel, and Molybdenum Concentrations in Dryland Wheat. Journal of Environmental Quality, 1995, 24, 608-611.	1.0	42
136	Improvements in soil properties under adaptive multiâ€paddock grazing relative to conventional grazing. Agronomy Journal, 0, , .	0.9	3