Hailin Zhang

List of Publications by Year
in descending order

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165 papers	5,894 citations	70961 41 h-index	95083 68 g-index
165 all docs	165 docs citations	165 times ranked	6343 citing authors

#	Article	IF	Citations
1	Comparative analysis of exchangeable aluminum in a tropical soil under long-term no-till cultivation. Soil and Tillage Research, 2022, 216, 105242.	2.6	9
2	Chemical Composition and Thermogravimetric Behaviors of Glanded and Glandless Cottonseed Kernels. Molecules, 2022, 27, 316.	1.7	16
3	Fourier transform infrared spectral features of plant biomass components during cotton organ development and their biological implications. Journal of Cotton Research, 2022, 5, .	1.0	9
4	Biochar amended microbial conversion of C1 gases to ethanol and butanol: Effects of biochar feedstock type and processing temperature. Bioresource Technology, 2022, 360, 127573.	4.8	9
5	The roles of co-composted biochar (COMBI) in improving soil quality, crop productivity, and toxic metal amelioration. Journal of Environmental Management, 2021, 277, 111443.	3.8	89
6	Influence of Biochar Derived Nitrogen on Cadmium Removal by Ryegrass in a Contaminated Soil. Environments - MDPI, 2021, 8, 11.	1.5	5
7	Development of a rapid field testing method for metals in horizontal directional drilling residuals with XRF sensor. Scientific Reports, 2021, 11, 3901.	1.6	2
8	Variation in soilâ€testâ€based phosphorus and potassium rate recommendations across the southern USA. Soil Science Society of America Journal, 2021, 85, 975-988.	1.2	7
9	The Response of Soil pH and Exchangeable Al to Alum and Lime Amendments. Agriculture (Switzerland), 2021, 11, 547.	1.4	9
10	Changes in soil microbial communities and priming effects induced by rice straw pyrogenic organic matter produced at two temperatures. Geoderma, 2021, 400, 115217.	2.3	14
11	Soil and Plant Nutrient Analysis with a Portable XRF Probe Using a Single Calibration. Agronomy, 2021, 11, 2118.	1.3	4
12	Feasibility of using biochar as buffer and mineral nutrients replacement for acetone-butanol-ethanol production from non-detoxified switchgrass hydrolysate. Bioresource Technology, 2020, 298, 122569.	4.8	41
13	Quantitatively ranking the influencing factors of ammonia volatilization from paddy soils by grey relational entropy. Environmental Science and Pollution Research, 2020, 27, 2319-2327.	2.7	12
14	Physicochemical Characterization of Horizontal Directional Drilling Residuals. Sustainability, 2020, 12, 7707.	1.6	3
15	Nondestructive estimation of bok choy nitrogen status with an active canopy sensor in comparison to a chlorophyll meter. Pedosphere, 2020, 30, 769-777.	2.1	8
16	Applying Swine Effluent for Grass Production Using Subsurface Drip Irrigation. , 2020, , .		0
17	Optimizing soil dissolved organic matter extraction by grey relational analysis. Pedosphere, 2020, 30, 589-596.	2.1	4
18	Nutrient Dynamics in Switchgrass as a Function of Time. Agronomy, 2020, 10, 940.	1.3	4

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19	Phosphorus speciation by P-XANES in an Oxisol under long-term no-till cultivation. Geoderma, 2020, 377, 114580.	2.3	17
20	Soil phosphorus storage capacity as affected by repeated phosphorus addition in an Ultisol. Communications in Soil Science and Plant Analysis, 2020, 51, 1960-1968.	0.6	8
21	Recovery of Phosphorus in Soils Amended with Manure for 119 Years. Agronomy, 2020, 10, 1947.	1.3	5
22	Land Application of Urban Horizontal Directional Drilling Residuals to Established Grass and Bare Soils. Sustainability, 2020, 12, 10264.	1.6	4
23	Influence of canopy and topographic position on soil moisture response to rainfall in a hilly catchment of Three Gorges Reservoir Area, China. Journal of Chinese Geography, 2020, 30, 949-968.	1.5	14
24	Temporal Changes of Manure Chemical Compositions and Environmental Awareness in the Southern Great Plains. ASA Special Publication, 2020, , 15-26.	0.8	2
25	Nitrogen Fertilization and Harvest Timing Affect Switchgrass Quality. Resources, 2020, 9, 61.	1.6	3
26	Rice nitrogen use efficiency does not link to ammonia volatilization in paddy fields. Science of the Total Environment, 2020, 741, 140433.	3.9	18
27	Closely related winter wheat cultivar performance in U.S. Great Plains acid soils. Agronomy Journal, 2020, 112, 3704-3717.	0.9	8
28	Nitrogen affecting switchgrass yield, nitrogen removal, and useÂefficiency. , 2020, 3, e20064.		2
29	Effects of cultivation history in paddy rice on vertical water flows and related soil properties. Soil and Tillage Research, 2020, 200, 104613.	2.6	16
30	Carbohydrate and Amino Acid Profiles of Cotton Plant Biomass Products. Agriculture (Switzerland), 2020, 10, 2.	1.4	12
31	Effects of interâ€špecies chromosome substitution on cottonseed mineral and protein nutrition profiles. Agronomy Journal, 2020, 112, 3963-3974.	0.9	10
32	Biochar-Induced Priming Effects in Young and Old Poplar Plantation Soils. Phyton, 2020, 89, 13-26.	0.4	4
33	Soybean Production under Continuous Potassium Fertilization in a Longâ€Term Noâ€Till Oxisol. Agronomy Journal, 2019, 111, 2462-2471.	0.9	4
34	Heavy metal phytoavailability in a contaminated soil of northeastern Oklahoma as affected by biochar amendment. Environmental Science and Pollution Research, 2019, 26, 33582-33593.	2.7	24
35	Soybean Yield Response to Phosphorus Fertilization in an Oxisol under Longâ€Term Noâ€Till Management. Soil Science Society of America Journal, 2019, 83, 173-180.	1.2	17
36	Reply to â€œBasis for Comparisons of Soil CO 2 Respiration Test Proceduresâ€• Agricultural and Environmental Letters, 2019, 4, 180064.	0.8	1

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37	Soil Salinity Variations in an Irrigation Scheme during a Period of Extreme Dry and Wet Cycles. Soil Systems, 2019, 3, 35.	1.0	4
38	Prediction of maize (Zea mays L.) population using normalized-difference vegetative index (NDVI) and coefficient of variation (CV). Journal of Plant Nutrition, 2019, 42, 673-679.	0.9	11
39	Enhanced Acetone-Butanol-Ethanol Production by Clostridium beijerinckii Using Biochar. , 2019, , .		1
40	Physicochemical properties and morphology of biochars as affected by feedstock sources and pyrolysis temperatures. Biochar, 2019, 1, 325-336.	6.2	38
41	Wheat straw biochar application increases ammonia volatilization from an urban compacted soil giving a short-term reduction in fertilizer nitrogen use efficiency. Journal of Soils and Sediments, 2019, 19, 1624-1631.	1.5	28
42	Enhanced ethanol production from syngas by Clostridium ragsdalei in continuous stirred tank reactor using medium with poultry litter biochar. Applied Energy, 2019, 236, 1269-1279.	5.1	37
43	Biochar application mode influences nitrogen leaching and NH₃ volatilization losses in a rice paddy soil irrigated with N-rich wastewater. Environmental Technology (United Kingdom), 2018, 39, 2090-2096.	1.2	22
44	Enhanced ethanol production by Clostridium ragsdalei from syngas by incorporating biochar in the fermentation medium. Bioresource Technology, 2018, 247, 291-301.	4.8	61
45	Nitrogen use efficiency is regulated by interacting proteins relevant to development in wheat. Plant Biotechnology Journal, 2018, 16, 1214-1226.	4.1	23
46	An Automated Laboratory Method for Measuring CO 2 Emissions from Soils. Agricultural and Environmental Letters, 2018, 3, 180008.	0.8	18
47	Characterization of defatted cottonseed meal-derived pyrolysis bio-oil by ultrahigh resolution electrospray ionization Fourier transform ion cyclotron resonance mass spectrometry. Journal of Analytical and Applied Pyrolysis, 2018, 136, 96-106.	2.6	24
48	Characterising preferential flow and its interaction with the soil matrix using dye tracing in the Three Gorges Reservoir Area of China. Soil Research, 2018, 56, 588.	0.6	15
49	Biochar enhanced ethanol and butanol production by Clostridium carboxidivorans from syngas. Bioresource Technology, 2018, 265, 128-138.	4.8	53
50	Evaluating Soil Dissolved Organic Matter Extraction Using Three-Dimensional Excitation-Emission Matrix Fluorescence Spectroscopy. Pedosphere, 2017, 27, 968-973.	2.1	31
51	In-Season Yield Prediction of Cabbage with a Hand-Held Active Canopy Sensor. Sensors, 2017, 17, 2287.	2.1	16
52	Southern Phosphorus Indices, Water Quality Data, and Modeling (APEX, APLE, and TBET) Results: A Comparison. Journal of Environmental Quality, 2017, 46, 1296-1305.	1.0	21
53	Chemical Characterization of Cotton Plant Parts for Multiple Uses. Agricultural and Environmental Letters, 2017, 2, 110044.	0.8	14
54	Can Yield Goals Be Predicted?. Agronomy Journal, 2017, 109, 2389-2395.	0.9	20

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55	Global Warming Potential in an Intensive Vegetable Cropping System as Affected by Crop Rotation and Nitrogen Rate. Clean - Soil, Air, Water, 2016, 44, 766-774.	0.7	15
56	Influence of Long-Term Fertilization on Selenium Accumulation in Soil and Uptake by Crops. Pedosphere, 2016, 26, 120-129.	2.1	49
57	Heavy metal contents, distribution, and prediction in a regional soilâ€“wheat system. Science of the Total Environment, 2016, 544, 422-431.	3.9	150
58	The accumulation and transfer of arsenic and mercury in the soil under a long-term fertilization treatment. Journal of Soils and Sediments, 2016, 16, 427-437.	1.5	17
59	Controlled-release fertilizer, floating duckweed, and biochar affect ammonia volatilization and nitrous oxide emission from rice paddy fields irrigated with nitrogen-rich wastewater. Paddy and Water Environment, 2016, 14, 105-111.	1.0	55
60	Stratification of Phosphorus Forms from Long-Term Conservation Tillage and Poultry Litter Application. Soil Science Society of America Journal, 2015, 79, 504-516.	1.2	47
61	Pilot-Scale Production of Washed Cottonseed Meal and Co-Products. Modern Applied Science, 2015, 10, 25.	0.4	26
62	Chemical Composition of Defatted Cottonseed and Soy Meal Products. PLoS ONE, 2015, 10, e0129933.	1.1	66
63	Rice production, nitrous oxide emission and ammonia volatilization as impacted by the nitrification inhibitor 2-chloro-6-(trichloromethyl)-pyridine. Field Crops Research, 2015, 173, 1-7.	2.3	101
64	Nutrient sources and harvesting frequency on quality biomass production of switchgrass (Panicum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.9	16
65	Do high nitrogen use efficiency rice cultivars reduce nitrogen losses from paddy fields?. Agriculture, Ecosystems and Environment, 2015, 209, 26-33.	2.5	76
66	Nitrogen removal from the surface runoff of a field scale greenhouse vegetable production system. Environmental Technology (United Kingdom), 2015, 36, 3136-3147.	1.2	14
67	Dissimilatory nitrate reduction to ammonium in a soil under greenhouse vegetable cultivation as affected by organic amendments. Journal of Soils and Sediments, 2015, 15, 1169-1177.	1.5	20
68	Accelerated phosphorus accumulation and acidification of soils under plastic greenhouse condition in four representative organic vegetable cultivation sites. Scientia Horticulturae, 2015, 195, 67-73.	1.7	27
69	Phosphorus Availability and Transformation as Affected by Repeated Phosphorus Additions in an Ultisol. Communications in Soil Science and Plant Analysis, 2015, 46, 1922-1933.	0.6	9
70	Response of biochar induced carbon mineralization priming effects to additional nitrogen in a sandy loam soil. Applied Soil Ecology, 2015, 96, 165-171.	2.1	19
71	Recent advances in utilization of biochar. Renewable and Sustainable Energy Reviews, 2015, 42, 1055-1064.	8.2	640
72	Assessment on Knowledge Network Sharing Capability of Industrial Cluster Based on Dempster-Shafer Theory of Evidence. Scientific World Journal, The, 2014, 2014, 1-6.	0.8	1

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73	Phosphorus Availability and Sorption as Affected by Longâ€Term Fertilization. Agronomy Journal, 2014, 106, 1583-1592.	0.9	22
74	Protein and Fiber Profiles of Cottonseed from Upland Cotton with Different Fertilizations. Modern Applied Science, 2014, 8, .	0.4	19
75	Validation of a Quantitative Phosphorus Loss Assessment Tool. Journal of Environmental Quality, 2014, 43, 224-234.	1.0	7
76	Phytoremediation of Soil Phosphorus with Crabgrass. Agronomy Journal, 2014, 106, 528-536.	0.9	13
77	Aggregate-Associated Organic Carbon and Nitrogen Impacted by the Long-Term Application of Fertilizers, Rice Straw, and Pig Manure. Soil Science, 2014, 179, 522-528.	0.9	10
78	Topdressing nitrogen recommendation for early rice with an active sensor in south China. Precision Agriculture, 2014, 15, 95-110.	3.1	56
79	Stimulation of nitrogen removal in the rhizosphere of aquatic duckweed by root exudate components. Planta, 2014, 239, 591-603.	1.6	53
80	The influence of long-term fertilization on cadmium (Cd) accumulation in soil and its uptake by crops. Environmental Science and Pollution Research, 2014, 21, 10377-10385.	2.7	50
81	Practical deployment of an in-field soil property wireless sensor network. Computer Standards and Interfaces, 2014, 36, 278-287.	3.8	39
82	Changes of preferential flow path on different altitudinal zones in the Three Gorges Reservoir Area, China. Canadian Journal of Soil Science, 2014, 94, 177-188.	0.5	8
83	Animal Manure Production and Utilization in the US. , 2014, , 1-21.		17
84	Dissimilatory nitrate reduction to ammonium in an anaerobic agricultural soil as affected by glucose and free sulfide. European Journal of Soil Biology, 2013, 58, 98-104.	1.4	51
85	MORPHOLOGICAL AND PHYSIOLOGICAL RESPONSES OF WINTER WHEAT SEEDLINGS TO NITROGEN AND PHOSPHORUS DEFICIENCY. Journal of Plant Nutrition, 2013, 36, 1234-1246.	0.9	2
86	Combination system of full-scale constructed wetlands and wetland paddy fields to remove nitrogen and phosphorus from rural unregulated non-point sources. Environmental Geochemistry and Health, 2013, 35, 801-809.	1.8	16
87	Organic amendments affect phosphorus sorption characteristics in a paddy soil. Agriculture, Ecosystems and Environment, 2013, 175, 47-53.	2.5	92
88	Laboratory Lysimeter Analysis of NH3 and N2O Emissions and Leaching Losses of Nitrogen in a Rice-Wheat Rotation System Irrigated With Nitrogen-Rich Wastewater. Soil Science, 2013, 178, 316-323.	0.9	28
89	Mineral Composition of Cottonseed is Affected by Fertilization Management Practices. Agronomy Journal, 2013, 105, 341-350.	0.9	49
90	Effect of Alternative Soil Acidity Amelioration Strategies on Soil pH Distribution and Wheat Agronomic Response. Soil Science Society of America Journal, 2013, 77, 1831-1841.	1.2	40

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91	Switchgrass Winter Yield, Year-Round Elemental Concentrations, and Associated Soil Nutrients in a Zero Input Environment. Agronomy Journal, 2013, 105, 463-470.	0.9	18
92	Trace Elements in Benchmark Soils of Oklahoma. Soil Science Society of America Journal, 2012, 76, 2031-2040.	1.2	23
93	In Situ Dissimilatory Nitrate Reduction to Ammonium in a Paddy Soil Fertilized with Liquid Cattle Waste. Pedosphere, 2012, 22, 314-321.	2.1	13
94	Optimizing nitrogen input to reduce nitrate leaching loss in greenhouse vegetable production. Agricultural Water Management, 2012, 111, 53-59.	2.4	128
95	Does glyphosate impact on Cu uptake by, and toxicity to, the earthworm Eisenia fetida?. Ecotoxicology, 2012, 21, 2297-2305.	1.1	27
96	Variable Environment and Market Affect Optimal Nitrogen Management in Wheat and Cattle Production Systems. Agronomy Journal, 2012, 104, 1136-1148.	0.9	1
97	Comparing Phosphorus Indices from Twelve Southern U.S. States against Monitored Phosphorus Loads from Six Prior Southern Studies. Journal of Environmental Quality, 2012, 41, 1741-1749.	1.0	26
98	Soil Testing Determines the Lack of Sulfur Response in Canola Grown in Oklahoma. Crop Management, 2012, 11, 1-10.	0.3	1
99	Water-Extractable Soil Organic Carbon and Nitrogen Affected by Tillage and Manure Application. Soil Science, 2011, 176, 307-312.	0.9	57
100	Elemental and Fourier Transform-Infrared Spectroscopic Analysis of Water- and Pyrophosphate-Extracted Soil Organic Matter. Soil Science, 2011, 176, 183-189.	0.9	28
101	Alternative Poultry Litter Storage for Improved Transportation and Use as a Soil Amendment. Journal of Environmental Quality, 2011, 40, 233-241.	1.0	13
102	Irrigation-Induced Changes in Phosphorus Fractions of Caribou Sandy Loam Soil Under Different Potato Cropping Systems. Soil Science, 2011, 176, 676-683.	0.9	6
103	Effects of a catch crop and reduced nitrogen fertilization on nitrogen leaching in greenhouse vegetable production systems. Nutrient Cycling in Agroecosystems, 2011, 91, 31-39.	1.1	36
104	Reducing Potential Leaching of Phosphorus, Heavy Metals, and Fecal Coliform From Animal Wastes Using Bauxite Residues. Water, Air, and Soil Pollution, 2011, 214, 241-252.	1.1	11
105	VARIATION AND INTERRELATIONS AMONG NUTRIENT ELEMENTS IN WHEAT LEAVES USED FOR FORAGE. Journal of Plant Nutrition, 2011, 34, 1321-1329.	0.9	3
106	Soil Acidification from Long-Term Use of Nitrogen Fertilizers on Winter Wheat. Soil Science Society of America Journal, 2011, 75, 957-964.	1.2	268
107	Micronutrient Availability as Affected by the Long-Term Application of Phosphorus Fertilizer and Organic Amendments. Soil Science Society of America Journal, 2011, 75, 927-939.	1.2	28
108	Phosphorus Distribution in Sequentially Extracted Fractions of Biosolids, Poultry Litter, and Granulated Products. Soil Science, 2010, 175, 154-161.	0.9	40

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109	A quantitative phosphorus loss assessment tool for agricultural fields. Environmental Modelling and Software, 2010, 25, 1121-1129.	1.9	51
110	Isothermal Titration Calorimetry as an Indicator of Phosphorus Sorption Behavior. Soil Science Society of America Journal, 2010, 74, 502-511.	1.2	14
111	Determining Aluminum Tolerance and Critical Soil pH for Winter Canola Production for Acidic Soils in Temperate Regions. Agronomy Journal, 2010, 102, 327-332.	0.9	21
112	Temporal Variability of Soil Property Dynamics in a Grazed Pasture. Communications in Soil Science and Plant Analysis, 2010, 41, 2744-2754.	0.6	5
113	Adsorption Kinetics of Glyphosate and Copper(II) Alone and Together on Two Types of Soils. Soil Science Society of America Journal, 2009, 73, 1995-2001.	1.2	15
114	Interlaboratory Validation of the Mehlich 3 Method for Extraction of Plant-Available Phosphorus. Journal of AOAC INTERNATIONAL, 2009, 92, 91-102.	0.7	13
115	Interlaboratory Validation of the Mehlich 3 Method as a Universal Extractant for Plant Nutrients. Journal of AOAC INTERNATIONAL, 2009, 92, 995-1008.	0.7	16
116	Inâ€Season Optical Sensing Improves Nitrogenâ€Use Efficiency for Winter Wheat. Soil Science Society of America Journal, 2009, 73, 1566-1574.	1.2	88
117	Ecological Vulnerability Assessment in the Middle and Lower Reaches of the Hanjiang River Basin. , 2009, , .		1
118	Genetic characterization of powdery mildew resistance in U.S. hard winter wheat. Molecular Breeding, 2009, 24, 141-152.	1.0	49
119	Development of a Quantitative Pasture Phosphorus Management Tool Using the SWAT Model¹. Journal of the American Water Resources Association, 2009, 45, 397-406.	1.0	22
120	Spatial Variability and Soil Sampling in a Grazed Pasture. Communications in Soil Science and Plant Analysis, 2009, 40, 1674-1687.	0.6	12
121	Heavy Metal Transfer from Soil to Vegetable in Southern Jiangsu Province, China. Pedosphere, 2009, 19, 305-311.	2.1	58
122	Effectiveness of Bauxite Residues in Immobilizing Contaminants in Manure-Amended Soils. Soil Science, 2009, 174, 676-686.	0.9	24
123	Cell Membrane Surface Potential (Ï Â0) Plays a Dominant Role in the Phytotoxicity of Copper and Arsenate. Plant Physiology, 2008, 148, 2134-2143.	2.3	64
124	Dynamic chemical characteristics of soil solution after pig manure application: A column study. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2008, 43, 429-436.	0.7	3
125	Phosphate Mobilization by Citric, Tartaric, and Oxalic Acids in a Clay Loam Ultisol. Soil Science Society of America Journal, 2008, 72, 1263-1268.	1.2	35
126	Flyâ€Ashâ€Amended Sand as Filter Media in Bioretention Cells to Improve Phosphorus Removal. Water Environment Research, 2008, 80, 507-516.	1.3	66

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127	On‐Farm Evaluation of the Improved Soil N_{min}–based Nitrogen Management for Summer Maize in North China Plain. Agronomy Journal, 2008, 100, 517-525.	0.9	146
128	A Wheat Grazing Model for Simulating Grain and Beef Production: Part II-Model Validation. Agronomy Journal, 2008, 100, 1248-1258.	0.9	6
129	The Effect of Long‐Term Annual Application of Biosolids on Soil Properties, Phosphorus, and Metals. Soil Science Society of America Journal, 2008, 72, 73-82.	1.2	43
130	The growth and Cu and Zn uptake of pakchois (Brassica chinesis L.) in an acidic soil as affected by chicken or pig manure. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2007, 42, 905-912.	0.7	10
131	In-season estimation of grain sorghum yield potential using a hand-held optical sensor. Archives of Agronomy and Soil Science, 2007, 53, 617-628.	1.3	16
132	Animal Manure Reduces Aluminum Toxicity in an Acid Soil. Soil Science Society of America Journal, 2007, 71, 1699-1707.	1.2	32
133	Selection of a Water‐Extractable Phosphorus Test for Manures and Biosolids as an Indicator of Runoff Loss Potential. Journal of Environmental Quality, 2007, 36, 1357-1367.	1.0	90
134	Predicting Runoff of Suspended Solids and Particulate Phosphorus for Selected Louisiana Soils Using Simple Soil Tests. Journal of Environmental Quality, 2007, 36, 1310-1317.	1.0	28
135	Hard Red Winter Wheat Cultivar Responses to a pH and Aluminum Concentration Gradient. Agronomy Journal, 2007, 99, 88-98.	0.9	55
136	Reducing Nutrient Runoff from Golf Course Fairways Using Grass Buffers of Multiple Heights. Crop Science, 2006, 46, 72-80.	0.8	20
137	Phosphorus Loss in Runoff from Long-term Continuous Wheat Fertility Trials. Soil Science Society of America Journal, 2006, 70, 163-171.	1.2	13
138	Fertilization and Nitrogen Balance in a Wheat-Maize Rotation System in North China. Agronomy Journal, 2006, 98, 938-945.	0.9	256
139	Wastewater Chemistry and Fractionation of Bioactive Phosphorus in Dairy Manure. Communications in Soil Science and Plant Analysis, 2006, 37, 907-924.	0.6	15
140	Path and Multiple Regression Analyses of Phosphorus Sorption Capacity. Soil Science Society of America Journal, 2005, 69, 96.	1.2	106
141	Soil Salinity Using Saturated Paste and 1:1 Soil to Water Extracts. Soil Science Society of America Journal, 2005, 69, 1146-1151.	1.2	68
142	Optical Sensor‐Based Algorithm for Crop Nitrogen Fertilization. Communications in Soil Science and Plant Analysis, 2005, 36, 2759-2781.	0.6	243
143	Differences of Phosphorus in Mehlich 3 Extracts Determined by Colorimetric and Spectroscopic Methods. Communications in Soil Science and Plant Analysis, 2005, 36, 1641-1659.	0.6	55
144	Soil Characteristics and Phosphorus Level Effect on Phosphorus Loss in Runoff. Journal of Environmental Quality, 2005, 34, 1640-1650.	1.0	46

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145	Waterâ€Soluble Phosphorus as Affected by Soil to Extractant Ratios, Extraction Times, and Electrolyte. Communications in Soil Science and Plant Analysis, 2005, 36, 925-935.	0.6	44
146	Yield and Quality of Winter Wheat Forage As Affected by Lime. Forage and Grazinglands, 2004, 2, 1-6.	0.2	4
147	Nitrogen Balance in the Magruder Plots Following 109 Years in Continuous Winter Wheat. Journal of Plant Nutrition, 2003, 26, 1561-1580.	0.9	39
148	Economics of Lime and Phosphorus Application for Dualâ€Purpose Winter Wheat Production in Lowâ€pH Soils. Agronomy Journal, 2002, 94, 1139-1145.	0.9	31
149	Effects of Grazing on Restoration of Southern Mixed Prairie Soils. Restoration Ecology, 2002, 10, 401-407.	1.4	44
150	Openâ€vessel microwave digestion of animal waste samples for multiâ€element analysis. Communications in Soil Science and Plant Analysis, 2000, 31, 2959-2967.	0.6	3
151	Simultaneous determination of soil aluminum, ammoniumâ€and nitrateâ€nitrogen using 1 M potassium chloride extraction. Communications in Soil Science and Plant Analysis, 2000, 31, 893-903.	0.6	116
152	Quick nitrate test for hybrid sudangrass and pearlmillet Hays. Communications in Soil Science and Plant Analysis, 1999, 30, 1573-1582.	0.6	8
153	Dissolution Kinetics of Hornblende in Organic Acid Solutions. Soil Science Society of America Journal, 1999, 63, 815-822.	1.2	51
154	THE pH DEPENDENCE OF HORNBLENDE DISSOLUTION. Soil Science, 1999, 164, 624-632.	0.9	4
155	Nitrogen fertilizer value of feedlot manure for irrigated corn production. Journal of Plant Nutrition, 1998, 21, 287-296.	0.9	11
156	Soil testing for an economically and environmentally sound wheat production. Communications in Soil Science and Plant Analysis, 1998, 29, 1707-1717.	0.6	22
157	Rates and stoichiometry of hornblende dissolution over 115 days of laboratory weathering at pH 3.6â€“4.0 and 25 Â°C in 0.01 M lithium acetate. Geochimica Et Cosmochimica Acta, 1996, 60, 941-950.	1.6	22
158	Potato nitrogen management by monitoring petiole nitrate level. Journal of Plant Nutrition, 1996, 19, 1405-1412.	0.9	28
159	The use of microwave muffle furnace for dry ashing plant tissue samples. Communications in Soil Science and Plant Analysis, 1994, 25, 1321-1327.	0.6	22
160	Reply to the comment by C. Anbeek on â€œChange in surface area and dissolution rates during hornblende dissolution at pH 4.0â€• Geochimica Et Cosmochimica Acta, 1994, 58, 1851.	1.6	0
161	Morphology and Chemistry of Hornblende Dissolution Products in Acid Solutions. Developments in Soil Science, 1990, 19, 551-556.	0.5	4
162	CONTRIBUTION OF ORGANIC MATTER TO CATION EXCHANGE CAPACITY AND SPECIFIC SURFACE AREA OF FRACTIONATED SOIL MATERIALS. Soil Science, 1989, 148, 250-257.	0.9	63

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163	Compositional Differences in Organic Matter among Cultivated and Uncultivated Argiudolls and Hapludalfs Derived from Loess. Soil Science Society of America Journal, 1988, 52, 216-222.	1.2	66
164	Physicochemical Properties of a Red Soil Affected by the Longterm Application of Organic and Inorganic Fertilizers. , 0, , .		1
165	The Use of Biochar as a Soil Amendment to Reduce Potentially Toxic Metals (PTMs) Phytoavailability. , 0, , .		8