John J Read

List of Publications by Year
in descending order

98 papers	2,493 citations	230014 27 h-index	252626 46 g-index
98 all docs	98 docs citations	98 times ranked	2865 citing authors

#	Article	IF	Citations
1	Integration of pelleted biosolids with cover crops for improving soil properties. Soil Science Society of America Journal, 2022, 86, 728-741.	1.2	0
2	Soil health assessment methods: Progress, applications and comparison. Advances in Agronomy, 2022, , 129-210.	2.4	7
3	Electrochemical biofilm control by reconstructing microbial community in agricultural water distribution systems. Journal of Hazardous Materials, 2021, 403, 123616.	6.5	20
4	Decomposition of poultry litter organic matter coâ€applied with industrial and agricultural products/byâ€products. Journal of Environmental Quality, 2021, 50, 364-374.	1.0	2
5	Co-existing Anammox, Ammonium-Oxidizing, and Nitrite-Oxidizing Bacteria in Biocathode-Biofilms Enable Energy-Efficient Nitrogen Removal in a Bioelectrochemical Desalination Process. ACS Sustainable Chemistry and Engineering, 2021, 9, 4967-4979.	3.2	12
6	Diversity of Plasmids and Genes Encoding Resistance to Extended-Spectrum Î²-Lactamase in Escherichia coli from Different Animal Sources. Microorganisms, 2021, 9, 1057.	1.6	5
7	Pelleted biosolids and cover crop effects on major Southern row crops. Journal of Plant Nutrition, 2021, 44, 2677-2690.	0.9	0
8	Production of napiergrass as a forage and bioenergy feedstock with swineâ€lagoon effluent. Agricultural and Environmental Letters, 2021, 6, e20044.	0.8	1
9	Editorial: Exposure, Risks, and Drivers of the Mobile Antimicrobial Resistance Genes in the Environmentâ€”a Global Perspective. Frontiers in Microbiology, 2021, 12, 803282.	1.5	1
10	Management Strategies on an Upland Soil for Improving Soil Properties. Communications in Soil Science and Plant Analysis, 2020, 51, 413-429.	0.6	18
11	Investigating the role of organic carbon amendments and microbial denitrification gene abundance in nitrogen removal from experimental agricultural drainage ditches with lowâ€grade weirs. Water Environment Research, 2020, 92, 899-910.	1.3	0
12	Using cameras to index waterfowl abundance in winter-flooded rice fields. MethodsX, 2020, 7, 101036.	0.7	1
13	Investigation of Pathogenic Bacterial Transport by Waterbirds: A Case Study of Flooded and Non-Flooded Rice Systems in Mississippi. Water (Switzerland), 2020, 12, 1833.	1.2	0
14	High-Temperature and Drought-Resilience Traits among Interspecific Chromosome Substitution Lines for Genetic Improvement of Upland Cotton. Plants, 2020, 9, 1747.	1.6	12
15	Escherichia coli Antimicrobial Resistance Variability in Water Runoff and Soil from a Remnant Native Prairie, an Improved Pasture, and a Cultivated Agricultural Watershed. Water (Switzerland), 2020, 12, 1251.	1.2	7
16	The Occurrence of Antibiotic Resistance Genes in an Urban River in Nepal. Water (Switzerland), 2020, 12, 450.	1.2	16
17	Managing harvest of â€˜Russellâ€™ and â€˜Tifton 44â€™ bermudagrass receiving broiler litter for nutritive value and phosphorus removal. Crop, Forage and Turfgrass Management, 2020, 6, e20013.	0.2	1
18	A preliminary investigation of wild pig (Sus scrofa) impacts in water quality. Journal of Environmental Quality, 2020, 49, 27-37.	1.0	7

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19	Impact of cover crop on cornâ€“soybean productivity and soil water dynamics under different seasonal rainfall patterns. Agronomy Journal, 2020, 112, 1201-1215.	0.9	17
20	Removal of Antibiotic Resistance Genes at Two Conventional Wastewater Treatment Plants of Louisiana, USA. Water (Switzerland), 2020, 12, 1729.	1.2	29
21	Consequences of pelletized poultry litter applications on soil physical and hydraulic properties in reduced tillage, continuous cotton system. Soil and Tillage Research, 2019, 194, 104309.	2.6	15
22	Bacterial Community Structure Recovery in Reclaimed Coal Mined Soil under Two Vegetative Regimes. Journal of Environmental Quality, 2019, 48, 1029-1037.	1.0	11
23	Corn and soybean grain yield responses to soil amendments and cover crop in upland soils. Journal of Plant Nutrition, 2019, 42, 2484-2497.	0.9	10
24	The influence of chlorination timing and concentration on microbial communities in labyrinth channels: implications for biofilm removal. Biofouling, 2019, 35, 401-415.	0.8	12
25	Spatial Distribution of Soil Phosphorus, Calcium, and pH after Longâ€term Broiler Litter Application. Journal of Environmental Quality, 2019, 48, 594-602.	1.0	1
26	Removal of fecal indicator bacteria and antibiotic resistant genes in constructed wetlands. Environmental Science and Pollution Research, 2019, 26, 10188-10197.	2.7	27
27	Poultry Litter and Cover Crop Integration into Noâ€till Cotton on Upland Soil. Agronomy Journal, 2019, 111, 2097-2107.	0.9	19
28	Post-reclamation Age Effects on Soil Physical Properties and Microbial Activity Under Forest and Pasture Ecosystems. Communications in Soil Science and Plant Analysis, 2019, 50, 20-34.	0.6	14
29	Antibiotic Resistant Bacteria in Municipal Wastes: Is There Reason for Concern?. Environmental Science & Technology, 2018, 52, 3949-3959.	4.6	110
30	Effect of Manure Application Rate and Rainfall Timing on the Leaching of Antibiotic-Resistant Bacteria and Their Associated Genes. Water, Air, and Soil Pollution, 2018, 229, 1.	1.1	8
31	Bioelectricity production in photosynthetic microbial desalination cells under different flow configurations. Journal of Industrial and Engineering Chemistry, 2018, 58, 131-139.	2.9	34
32	Cotton Response to Residual Poultry Litter: Leaf Area, Nitrogen Removal, and Yield. Agronomy Journal, 2018, 110, 2360-2368.	0.9	1
33	Harvest Management Effects on â€˜Tifton 44â€™ Bermudagrass Phosphorus Removal and Nutritive Value. Agronomy Journal, 2018, 110, 879-889.	0.9	7
34	Rainwater Deficit and Irrigation Demand for Row Crops in Mississippi Blackland Prairie. Soil Science Society of America Journal, 2018, 82, 423-435.	1.2	14
35	Effects of Subsurface Banding and Broadcast of Poultry Litter and Cover Crop on Soil Microbial Populations. Journal of Environmental Quality, 2018, 47, 427-435.	1.0	17
36	Effects on Selected Soil Properties of Subsurface Banding and Surface Broadcasting Pelletized Poultry Litter on Cotton. Soil Science, 2018, 183, 112-120.	0.9	4

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37	Pond and Irrigation Model (PIM): a Tool for Simultaneously Evaluating Pond Water Availability and Crop Irrigation Demand. Water Resources Management, 2018, 32, 2969-2983.	1.9	18
38	Effects of Lowâ€Grade Weirs on Soil Microbial Communities in Agricultural Drainage Ditches. Journal of Environmental Quality, 2018, 47, 1155-1162.	1.0	1
39	A Model to Estimate Hydrological Processes and Water Budget in an Irrigation Farm Pond. Water Resources Management, 2017, 31, 2225-2241.	1.9	14
40	Organic Amendments and Nutrient Leaching in Soil Columns. Agronomy Journal, 2017, 109, 1294-1302.	0.9	3
41	Supplemental invasion of Salmonella from the perspective of Salmonella enterica serovars Kentucky and Typhimurium. BMC Microbiology, 2017, 17, 88.	1.3	2
42	Salmonella enterica Serovar Kentucky Flagella Are Required for Broiler Skin Adhesion and Caco-2 Cell Invasion. Applied and Environmental Microbiology, 2017, 83, .	1.4	30
43	Seasonal nitrogen effects on nutritive value in binary mixtures of tall fescue and bermudagrass. Grass and Forage Science, 2017, 72, 467-480.	1.2	4
44	Broiler Litter Ã— Industrial Byâ€Products Reduce Nutrients and Microbial Losses in Surface Runoff When Applied to Forages. Journal of Environmental Quality, 2017, 46, 339-347.	1.0	1
45	Withinâ€House Spatial Distribution of Fecal Indicator Bacteria in Poultry Litter. Journal of Environmental Quality, 2017, 46, 1003-1009.	1.0	6
46	Nutritive Value and Nutrient Uptake of Summer-Active and Summer-Dormant Tall Fescue under Different Broiler Litter Rates. Agronomy Journal, 2017, 109, 473-482.	0.9	3
47	Subsurface Band Placement of Pelletized Poultry Litter in Cotton. Agronomy Journal, 2016, 108, 1356-1366.	0.9	11
48	Estimating the ratio of pond size to irrigated soybean land in Mississippi: a case study. Water Science and Technology: Water Supply, 2016, 16, 1639-1647.	1.0	12
49	Simulating soybean productivity under rainfed conditions for major soil types using APEX model in East Central Mississippi. Agricultural Water Management, 2016, 177, 379-391.	2.4	22
50	Enhancing Management of Fall-Applied Poultry Litter with Cover Crop and Subsurface Band Placement in No-Till Cotton. Agronomy Journal, 2015, 107, 449-458.	0.9	38
51	Soybean Yield and Nutrient Utilization following Long-Term Pelletized Broiler Litter Application to Cotton. Agronomy Journal, 2015, 107, 1128-1134.	0.9	9
52	Effects of Seasonal Nitrogen on Binary Mixtures of Tall Fescue and Bermudagrass. Agronomy Journal, 2014, 106, 1667-1676.	0.9	5
53	Effects of Bedding Materials in Applied Poultry Litter and Immobilizing Agents on Runoff Water, Soil Properties, and Bermudagrass Growth. Journal of Environmental Quality, 2014, 43, 290-296.	1.0	9
54	Berseem clover seeding rate and harvest management effects on forage yields and nutrient uptake in a swine effluent spray field. Grass and Forage Science, 2014, 69, 365-375.	1.2	5

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55	Microbial ecology, bacterial pathogens, and antibiotic resistant genes in swine manure wastewater as influenced by three swine management systems. Water Research, 2014, 57, 96-103.	5.3	102
56	Age Chronosequence Effects on Restoration Quality of Reclaimed Coal Mine Soils in Mississippi Agroecosystems. Soil Science, 2013, 178, 335-343.	0.9	32
57	Temporal flux and spatial dynamics of nutrients, fecal indicators, and zoonotic pathogens in anaerobic swine manure lagoon water. Water Research, 2012, 46, 4949-4960.	5.3	30
58	Spring Nitrogen Fertilization of Ryegrassâ€"Bermudagrass for Phytoremediation of Phosphorusâ€Enriched Soils. Agronomy Journal, 2012, 104, 908-916.	0.9	6
59	Land Application of Manure and Class B Biosolids: An Occupational and Public Quantitative Microbial Risk Assessment. Journal of Environmental Quality, 2012, 41, 2009-2023.	1.0	65
60	Potassium Influences Forage Bermudagrass Yield and Fungal Leaf Disease Severity in Mississippi. Forage and Grazinglands, 2012, 10, 1-11.	0.2	5
61	Nitrogen and winter cover crop effects on spring and summer nutrient uptake. Grass and Forage Science, 2011, 66, 381-390.	1.2	4
62	Comparison of Selected Nutrients and Bacteria from Common Contiguous Soils Inside and Outside Swine Lagoon Effluent Spray Fields after Longâ€Term Use. Journal of Environmental Quality, 2010, 39, 1829-1840.	1.0	10
63	Remote-sensing algorithms for estimating nitrogen uptake and nitrogen-use efficiency in cotton. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2010, 60, 500-509.	0.3	2
64	Herbage Nutritive Value of Tall Fescue Fertilized with Broiler Litter and Inorganic Fertilizer. Forage and Grazinglands, 2010, 8, 1-12.	0.2	2
65	Double-cropping annual ryegrass and bermudagrass to reduce phosphorus levels in soil with history of poultry litter application. Nutrient Cycling in Agroecosystems, 2009, 84, 93-104.	1.1	9
66	Rainfall Simulation in Greenhouse Microcosms to Assess Bacterialâ€Associated Runoff from Landâ€Applied Poultry Litter. Journal of Environmental Quality, 2009, 38, 218-229.	1.0	45
67	Reduction of High Soil Test Phosphorus by Bermudagrass and Ryegrass-Bermudagrass following the Cessation of Broiler Litter Applications. Agronomy Journal, 2007, 99, 1492-1501.	0.9	14
68	Canopy reflectance in cotton for growth assessment and lint yield prediction. European Journal of Agronomy, 2007, 26, 335-344.	1.9	88
69	Effect of Mixed-Salt Salinity on Growth and Ion Relations of a Barnyardgrass Species. Journal of Plant Nutrition, 2006, 29, 1741-1753.	0.9	7
70	Effects of Soil Type on Bermudagrass Response to Broiler Litter Application. Agronomy Journal, 2006, 98, 148-155.	0.9	19
71	Effects of Broiler Litter and Nitrogen Fertilization on Uptake of Major Nutrients by Coastal Bermudagrass. Agronomy Journal, 2006, 98, 1065-1072.	0.9	20
72	Yield and fiber quality of Upland cotton as influenced by nitrogen and potassium nutrition. European Journal of Agronomy, 2006, 24, 282-290.	1.9	148

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73	Selection of Optimum Reflectance Ratios for Estimating Leaf Nitrogen and Chlorophyll Concentrations of Field-Grown Cotton. Agronomy Journal, 2005, 97, 89-98.	0.9	88
74	Relationships between Soil-Landscape and Dryland Cotton Lint Yield. Soil Science Society of America Journal, 2005, 69, 872-882.	1.2	62
75	Selection for Water Use Efficiency Traits in a Cotton Breeding Program: Cultivar Differences. Crop Science, 2005, 45, 1107-1113.	0.8	49
76	Estimating cotton growth and developmental parameters through remote sensing. , 2004, 5153, 277.		2
77	Molecular and cytological characterization of a cytoplasmic-specific mutant in pima cotton (Gossypium barbadense L.). Euphytica, 2004, 139, 187-197.	0.6	33
78	Wireless technology and satellite internet access for high-speed whole farm connectivity in precision agriculture. Agricultural Systems, 2004, 81, 201-212.	3.2	28
79	Leaf and canopy photosynthetic characteristics of cotton (Gossypium hirsutum) under elevated CO2 concentration and UV-B radiation. Journal of Plant Physiology, 2004, 161, 581-590.	1.6	57
80	Remote sensing in dryland cotton: relation to yield potential and soil properties. , 2004, , .		3
81	Spatial validation of cotton simulation model in relation to soils and multispectral imagery. , 2004, , .		0
82	Corn (Zea mays L.) growth, leaf pigment concentration, photosynthesis and leaf hyperspectral reflectance properties as affected by nitrogen supply. Plant and Soil, 2003, 257, 205-218.	1.8	169
83	Growth and physiological responses of cotton (Gossypium hirsutum L.) to elevated carbon dioxide and ultraviolet-B radiation under controlled environmental conditions. Plant, Cell and Environment, 2003, 26, 771-782.	2.8	113
84	EFFECT OF MIXED-SALT SALINITY ON GROWTH AND ION RELATIONS OF A QUINOA AND A WHEAT VARIETY. Journal of Plant Nutrition, 2002, 25, 2689-2704.	0.9	59
85	Narrowâ€Waveband Reflectance Ratios for Remote Estimation of Nitrogen Status in Cotton. Journal of Environmental Quality, 2002, 31, 1442-1452.	1.0	144
86	Title is missing!. Euphytica, 2001, 121, 335-341.	0.6	27
87	A handâ€held porometer for rapid assessment of leaf conductance in wheat. Crop Science, 2000, 40, 277-280.	0.8	27
88	Photosynthetic pathway and ontogeny affect water relations and the impact of CO 2 on Bouteloua gracilis (C 4) and Pascopyrum smithii (C 3). Oecologia, 1998, 114, 483-493.	0.9	46
89	Simulating Growth and Root-shoot Partitioning in Prairie Grasses Under Elevated Atmospheric CO2and Water Stress. Annals of Botany, 1998, 81, 489-501.	1.4	30
90	Gas Exchange and Carbohydrate and Nitrogen Concentrations in Leaves ofPascopyrum smithii(C3) andBouteloua gracilis(C4) at Different Carbon Dioxide Concentrations and Temperatures. Annals of Botany, 1997, 79, 197-206.	1.4	34

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91	Growth and Partitioning inPascopyrum smithii(C3) andBouteloua gracilis(C4) as Influenced by Carbon Dioxide and Temperature. Annals of Botany, 1996, 77, 487-496.	1.4	43
92	Divergent selection for carbon isotope discrimination in crested wheatgrass. Canadian Journal of Plant Science, 1993, 73, 1027-1035.	0.3	25
93	Ash, Carbon Isotope Discrimination, and Silicon as Estimators of Transpiration Efficiency in Crested Wheatgrass. Functional Plant Biology, 1993, 20, 361.	1.1	37
94	Genotypic and Environmental Variation for Carbon Isotope Discrimination in Crested Wheatgrass, a Perennial Forage Grass. , 1993, , 269-280.		8
95	Carbon Isotope Discrimination: Relationship to Yield, Gas Exchange, and Waterâ€Use Efficiency in Fieldâ€Grown Crested Wheatgrass. Crop Science, 1992, 32, 168-175.	0.8	37
96	Carbon Isotope Discrimination, Gas Exchange, and Waterâ€Use Efficiency in Crested Wheatgrass Clones. Crop Science, 1991, 31, 1203-1208.	0.8	77
97	Quantification of Abscisic Acid in Wheat Leaf Tissue by Direct Enzyme Immunoassay. Crop Science, 1991, 31, 1185-1189.	0.8	9
98	Phytotoxicity of water-soluble substances from alfalfa and barley soil extracts on four crop species. Journal of Chemical Ecology, 1989, 15, 619-628.	0.9	25