

# Paul B Delaune

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

1,181  
citations

535685

17  
h-index

445137

33  
g-index

46  
all docs

46  
docs citations

46  
times ranked

1273  
citing authors

#	ARTICLE	IF	CITATIONS
1	The synergy between water conservation and economic profitability of adopting alternative irrigation systems for cotton production in the Texas High Plains. <i>Agricultural Water Management</i> , 2022, 262, 107386.	2.4	6
2	Biological nitrogen fixation of cool-season legumes in agronomic systems of the Southern Great Plains. , 2022, 5, .		8
3	Enhancing long-term no-till wheat systems with cover crops and flash grazing. <i>Soil Security</i> , 2022, 8, 100067.	1.2	3
4	Net positive soil water content following cover crops with no tillage in irrigated semi-arid cotton production. <i>Soil and Tillage Research</i> , 2021, 208, 104869.	2.6	22
5	Annual forage impacts on dryland wheat farming in the Great Plains. <i>Agronomy Journal</i> , 2021, 113, 1-25.	0.9	27
6	Soil water dynamics under a warm-season cover crop mixture in continuous wheat. <i>Soil and Tillage Research</i> , 2021, 206, 104823.	2.6	11
7	Soil pore space gas probes for use in agricultural research. <i>Soil Security</i> , 2021, 5, 100015.	1.2	2
8	Nitrous Oxide Consumption Potential in a Semi-Arid Agricultural System: Effects of Conservation Soil Management and Nitrogen Timing on nosZ Mediated N <sub>2</sub> O Consumption. <i>Frontiers in Environmental Science</i> , 2021, 9, .	1.5	1
9	Cover crop impact on irrigated cotton yield and net return in the southern Great Plains. <i>Agronomy Journal</i> , 2020, 112, 1049-1056.	0.9	6
10	Net return and risk analysis of winter cover crops in dryland cotton systems. <i>Agronomy Journal</i> , 2020, 112, 1148-1159.	0.9	5
11	Economic analysis of adopting no-till and cover crops in irrigated cotton production under risk. <i>Agronomy Journal</i> , 2020, 112, 395-405.	0.9	5
12	Testing row spacing and planting rate for fall-planted spring canola in the southern United States. <i>Agronomy Journal</i> , 2020, 112, 1952-1962.	0.9	3
13	Winter cover crop production and water use in Southern Great Plains cotton. <i>Agronomy Journal</i> , 2020, 112, 1943-1951.	0.9	12
14	Long-term effects of grazing management and buffer strips on phosphorus runoff from pastures fertilized with poultry litter. <i>Journal of Environmental Quality</i> , 2020, 49, 85-96.	1.0	15
15	Growth and development of irrigated cotton in conservation management systems of the Texas Rolling Plains. <i>Agronomy Journal</i> , 2020, 112, 1805-1814.	0.9	3
16	Agronomic and economic impacts of cover crops in Texas rolling plains cotton. , 2020, 3, e20027.		13
17	Impact of no-till, cover crop, and irrigation on Cotton yield. <i>Agricultural Water Management</i> , 2020, 232, 106038.	2.4	21
18	Grazing Management and Buffer Strip Impact on Nitrogen Runoff from Pastures Fertilized with Poultry Litter. <i>Journal of Environmental Quality</i> , 2019, 48, 297-304.	1.0	22

#	ARTICLE	IF	CITATIONS
19	Temporal Variability of Soil Carbon and Nitrogen in Cotton Production on the Texas High Plains. <i>Agronomy Journal</i> , 2019, 111, 2218-2225.	0.9	17
20	Rye Cover Crop Impacts Soil Properties in a Long-Term Cotton System. <i>Soil Science Society of America Journal</i> , 2019, 83, 1451-1458.	1.2	20
21	Impacts of over-seeding bermudagrass pasture with multispecies cover crops on soil water availability, microbiology, and nutrient status in North Texas. <i>Agriculture, Ecosystems and Environment</i> , 2019, 273, 117-129.	2.5	9
22	Carbon dioxide mitigation potential of conservation agriculture in a semi-arid agricultural region. <i>AIMS Agriculture and Food</i> , 2019, 4, 206-222.	0.8	8
23	Phosphorus Leaching from Soil Cores from a Twenty-Year Study Evaluating Alum Treatment of Poultry Litter. <i>Journal of Environmental Quality</i> , 2018, 47, 530-537.	1.0	14
24	Soil Benefits and Yield Limitations of Cover Crop Use in Texas High Plains Cotton. <i>Agronomy Journal</i> , 2018, 110, 1616-1623.	0.9	45
25	Effects of Grazing Management and Buffer Strips on Metal Runoff from Pastures Fertilized with Poultry Litter. <i>Journal of Environmental Quality</i> , 2017, 46, 402-410.	1.0	15
26	Simulated Effects of Winter Wheat Cover Crop on Cotton Production Systems of the Texas Rolling Plains. <i>Transactions of the ASABE</i> , 2017, 60, 2083-2096.	1.1	30
27	Copper and Zinc Runoff from Land Application of Composted Poultry Litter. <i>Journal of Environmental Quality</i> , 2016, 45, 1565-1571.	1.0	7
28	Modeling Cotton Lint Yield and Water Use Efficiency Responses to Irrigation Scheduling Using Cotton2K. <i>Agronomy Journal</i> , 2016, 108, 1614-1623.	0.9	17
29	Factors Affecting Arsenic and Copper Runoff from Fields Fertilized with Poultry Litter. <i>Journal of Environmental Quality</i> , 2014, 43, 1417-1423.	1.0	16
30	Electrodynamic Dust Shields on the International Space Station: Exposure to the space environment. <i>Journal of Electrostatics</i> , 2013, 71, 257-259.	1.0	12
31	17 $\beta$ -estradiol in runoff as affected by various poultry litter application strategies. <i>Science of the Total Environment</i> , 2013, 444, 26-31.	3.9	18
32	Effects of Long-Term Poultry Litter Application on Phosphorus Soil Chemistry and Runoff Water Quality. <i>Journal of Environmental Quality</i> , 2013, 42, 1829-1837.	1.0	8
33	Cotton Production as Affected by Irrigation Level and Transitioning Tillage Systems. <i>Agronomy Journal</i> , 2012, 104, 991-995.	0.9	29
34	Spatio-temporal Variability of Groundwater Nitrate Concentration in Texas: 1960 to 2010. <i>Journal of Environmental Quality</i> , 2012, 41, 1806-1817.	1.0	28
35	Impact of tillage on runoff in long term no-till wheat systems. <i>Soil and Tillage Research</i> , 2012, 124, 32-35.	2.6	53
36	Effects of Pasture Renovation on Hydrology, Nutrient Runoff, and Forage Yield. <i>Journal of Environmental Quality</i> , 2011, 40, 320-328.	1.0	12

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37	Grazing management impacts on vegetation, soil biota and soil chemical, physical and hydrological properties in tall grass prairie. <i>Agriculture, Ecosystems and Environment</i> , 2011, 141, 310-322.	2.5	304
38	A Modular Instrumentation System for NASA's Habitat Demonstration Unit. , 2010, , .		1
39	Achieving a prioritized research &#x00026; technology development portfolio for the Dust Management Project. , 2009, , .		2
40	Effect of Chemical and Microbial Amendment on Phosphorus Runoff from Composted Poultry Litter. <i>Journal of Environmental Quality</i> , 2006, 35, 1291-1296.	1.0	17
41	Effect of Poultry Litter to Water Ratios on Extractable Phosphorus Content and its Relation to Runoff Phosphorus Concentrations. <i>Biosystems Engineering</i> , 2005, 92, 409-417.	1.9	14
42	NUTRIENT AND <sup>17</sup> ESTRADIOL LOSS IN RUNOFF WATER FROM POULTRY LITTERS. <i>Journal of the American Water Resources Association</i> , 2005, 41, 245-256.	1.0	21
43	Phosphorus Flux from Bottom Sediments in Lake Eucha, Oklahoma. <i>Journal of Environmental Quality</i> , 2005, 34, 724-728.	1.0	50
44	Evaluation of the Phosphorus Source Component in the Phosphorus Index for Pastures. <i>Journal of Environmental Quality</i> , 2004, 33, 2192-2200.	1.0	66
45	Development of a Phosphorus Index for Pastures Fertilized with Poultry Litterâ€™ Factors Affecting Phosphorus Runoff. <i>Journal of Environmental Quality</i> , 2004, 33, 2183-2191.	1.0	122
46	Soil Phosphorus Variability in Pastures: Implications for Sampling and Environmental Management Strategies. <i>Journal of Environmental Quality</i> , 2001, 30, 2157-2165.	1.0	41