William Deen

List of Publications by Year
in descending order

32	1,521	304743	434195
papers	citations	22 h-index	31 g-index

32	32	32	1470
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Carbonâ€sensitive pedotransfer functions for plant available water. Soil Science Society of America Journal, 2022, 86, 612-629.	2.2	33
2	Crop residues contribute minimally to spring-thaw nitrous oxide emissions under contrasting tillage and crop rotations. Soil Biology and Biochemistry, 2021, 152, 108057.	8.8	11
3	Contribution of crop residue, soil, and fertilizer nitrogen to nitrous oxide emissions varies with long-term crop rotation and tillage. Science of the Total Environment, 2021, 767, 145107.	8.0	16
4	Long-term crop rotation diversification enhances maize drought resistance through soil organic matter. Environmental Research Letters, 2021, 16, 084067.	5.2	37
5	Long-Term Evidence Shows that Crop-Rotation Diversification Increases Agricultural Resilience to Adverse Growing Conditions in North America. One Earth, 2020, 2, 284-293.	6.8	219
6	Potential of Increased Temporal Crop Diversity to Improve Resource Use Efficiencies. , 2019, , 55-73.		2
7	Genotypic differences in red clover (Trifolium pratense L.) response under severe water deficit. Plant and Soil, 2018, 425, 401-414.	3.7	14
8	Effects of 30 Years of Crop Rotation and Tillage on Bacterial and Archaeal Ammonia Oxidizers. Journal of Environmental Quality, 2016, 45, 940-948.	2.0	24
9	Biomass yield assessment of five potential energy crops grown in southern Ontario, Canada. Agroforestry Systems, 2016, 90, 773-783.	2.0	16
10	Corn Residue Management Strategies to Improve Soybean Yield in Northern Climates. Agronomy Journal, 2015, 107, 1940-1946.	1.8	5
11	Expanding Red Clover (Trifolium pratense) Usage in the Cornâ€“Soyâ€“Wheat Rotation. Sustainability, 2015, 7, 15487-15509.	3.2	20
12	Increasing Crop Diversity Mitigates Weather Variations and Improves Yield Stability. PLoS ONE, 2015, 10, e0113261.	2.5	256
13	Effect of increasing levels of maize (Zea mays L.) residue on no-till soybean (Glycine max Merr.) in Northern production regions: A review. Soil and Tillage Research, 2015, 150, 201-210.	5.6	28
14	Approaches to optimizing nitrogen fertilization in a winter wheatâ€“red clover (Trifolium pratense L.) relay cropping system. Field Crops Research, 2014, 155, 192-201.	5.1	34
15	Quantification of freezeâ€“thaw related structure in cultivated topsoils using X-ray computer tomography. Canadian Journal of Soil Science, 2013, 93, 533-553.	1.2	33
16	Improving Resilience of Northern Field Crop Systems Using Inter-Seeded Red Clover: A Review. Agronomy, 2013, 3, 148-180.	3.0	70
17	Evaluation of Canopy Reflectance Technology Using a Delta Yield Approach. Agronomy Journal, 2010, 102, 1453-1461.	1.8	5
18	Light and Moisture Competition Effects on Biomass of Red Clover Underseeded To Winter Wheat. Agronomy Journal, 2009, 101, 1511-1521.	1.8	30

#	Article	IF	Citations
19	A Comparison of Side-dressed Liquid Hog Manure to Urea Ammonium Nitrate in Corn. Crop Management, 2008, 7, 1-7.	0.3	3
20	Control of Volunteer Glyphosate-Resistant Corn (Zea mays) in Glyphosate-Resistant Soybean (Glycine) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.9	58
21	Impact of Tillage and Rotation on Yield and Economic Performance in Corn-Based Cropping Systems. Agronomy Journal, 2006, 98, 1204-1212.	1.8	58
22	Soybean Response to Zone Tillage, Twin-Row Planting, and Row Spacing. Agronomy Journal, 2006, 98, 800-807.	1.8	24
23	Effect of Crowding Stress on Dry Matter Accumulation and Harvest Index in Maize. Agronomy Journal, 2006, 98, 930-937.	1.8	91
24	Response of Corn Grain Yield to Spatial and Temporal Variability in Emergence. Crop Science, 2004, 44, 847-854.	1.8	97
25	Impact of Planter Type, Planting Speed, and Tillage on Stand Uniformity and Yield of Corn. Agronomy Journal, 2004, 96, 1668-1672.	1.8	63
26	Withinâ€Row Plant Spacing Variability Does Not Affect Corn Yield. Agronomy Journal, 2004, 96, 275-280.	1.8	51
27	Effect of temperature and photoperiod on the phenological development of common lambsquarters. Weed Science, 2001, 49, 500-508.	1.5	23
28	A mechanistic growth and development model of common ragweed. Weed Science, 2001, 49, 723-731.	1.5	33
29	Effects of Temperature and Photoperiod on the Phenological Development of Barnyardgrass. Agronomy Journal, 2000, 92, 1125-1134.	1.8	36
30	Effects of temperature and photoperiod onSetaria viridis. Weed Science, 1999, 47, 446-453.	1.5	23
31	Influence of temperature, photoperiod, and irradiance on the phenological development of common ragweed (Ambrosia artemisiifolia). Weed Science, 1998, 46, 555-560.	1.5	70
32	Photothermal time describes common ragweed (Ambrosia artemisiifoliaL.) phenological development and growth. Weed Science, 1998, 46, 561-568.	1.5	38