

William Deen

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,521
citations

304743

22
h-index

434195

31
g-index

32
all docs

32
docs citations

32
times ranked

1470
citing authors

#	ARTICLE	IF	CITATIONS
1	Increasing Crop Diversity Mitigates Weather Variations and Improves Yield Stability. PLoS ONE, 2015, 10, e0113261.	2.5	256
2	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
3	Response of Corn Grain Yield to Spatial and Temporal Variability in Emergence. Crop Science, 2004, 44, 847-854.	1.8	97
4	Effect of Crowding Stress on Dry Matter Accumulation and Harvest Index in Maize. Agronomy Journal, 2006, 98, 930-937.	1.8	91
5	Influence of temperature, photoperiod, and irradiance on the phenological development of common ragweed (<i>Ambrosia artemisiifolia</i>). Weed Science, 1998, 46, 555-560.	1.5	70
6	Improving Resilience of Northern Field Crop Systems Using Inter-Seeded Red Clover: A Review. Agronomy, 2013, 3, 148-180.	3.0	70
7	Impact of Planter Type, Planting Speed, and Tillage on Stand Uniformity and Yield of Corn. Agronomy Journal, 2004, 96, 1668-1672.	1.8	63
8	Control of Volunteer Glyphosate-Resistant Corn (<i>Zea mays</i>) in Glyphosate-Resistant Soybean (<i>Glycine</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.9	58
9	Impact of Tillage and Rotation on Yield and Economic Performance in Corn-Based Cropping Systems. Agronomy Journal, 2006, 98, 1204-1212.	1.8	58
10	Within-Row Plant Spacing Variability Does Not Affect Corn Yield. Agronomy Journal, 2004, 96, 275-280.	1.8	51
11	Photothermal time describes common ragweed (<i>Ambrosia artemisiifolia</i> </i>L.) phenological development and growth. Weed Science, 1998, 46, 561-568.	1.5	38
12	Long-term crop rotation diversification enhances maize drought resistance through soil organic matter. Environmental Research Letters, 2021, 16, 084067.	5.2	37
13	Effects of Temperature and Photoperiod on the Phenological Development of Barnyardgrass. Agronomy Journal, 2000, 92, 1125-1134.	1.8	36
14	Approaches to optimizing nitrogen fertilization in a winter wheat-red clover (<i>Trifolium pratense</i> L.) relay cropping system. Field Crops Research, 2014, 155, 192-201.	5.1	34
15	A mechanistic growth and development model of common ragweed. Weed Science, 2001, 49, 723-731.	1.5	33
16	Quantification of freeze-thaw related structure in cultivated topsoils using X-ray computer tomography. Canadian Journal of Soil Science, 2013, 93, 533-553.	1.2	33
17	Carbon-sensitive pedotransfer functions for plant available water. Soil Science Society of America Journal, 2022, 86, 612-629.	2.2	33
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	Effect of increasing levels of maize (<i>Zea mays</i> L.) residue on no-till soybean (<i>Glycine max</i> Merr.) in Northern production regions: A review. <i>Soil and Tillage Research</i> , 2015, 150, 201-210.	5.6	28
20	Soybean Response to Zone Tillage, Twin-Row Planting, and Row Spacing. <i>Agronomy Journal</i> , 2006, 98, 800-807.	1.8	24
21	Effects of 30 Years of Crop Rotation and Tillage on Bacterial and Archaeal Ammonia Oxidizers. <i>Journal of Environmental Quality</i> , 2016, 45, 940-948.	2.0	24
22	Effects of temperature and photoperiod on <i>Setaria viridis</i> . <i>Weed Science</i> , 1999, 47, 446-453.	1.5	23
23	Effect of temperature and photoperiod on the phenological development of common lambsquarters. <i>Weed Science</i> , 2001, 49, 500-508.	1.5	23
24	Expanding Red Clover (<i>Trifolium pratense</i>) Usage in the Corn-Soy-Wheat Rotation. <i>Sustainability</i> , 2015, 7, 15487-15509.	3.2	20
25	Biomass yield assessment of five potential energy crops grown in southern Ontario, Canada. <i>Agroforestry Systems</i> , 2016, 90, 773-783.	2.0	16
26	Contribution of crop residue, soil, and fertilizer nitrogen to nitrous oxide emissions varies with long-term crop rotation and tillage. <i>Science of the Total Environment</i> , 2021, 767, 145107.	8.0	16
27	Genotypic differences in red clover (<i>Trifolium pratense</i> L.) response under severe water deficit. <i>Plant and Soil</i> , 2018, 425, 401-414.	3.7	14
28	Crop residues contribute minimally to spring-thaw nitrous oxide emissions under contrasting tillage and crop rotations. <i>Soil Biology and Biochemistry</i> , 2021, 152, 108057.	8.8	11
29	Evaluation of Canopy Reflectance Technology Using a Delta Yield Approach. <i>Agronomy Journal</i> , 2010, 102, 1453-1461.	1.8	5
30	Corn Residue Management Strategies to Improve Soybean Yield in Northern Climates. <i>Agronomy Journal</i> , 2015, 107, 1940-1946.	1.8	5
31	A Comparison of Side-dressed Liquid Hog Manure to Urea Ammonium Nitrate in Corn. <i>Crop Management</i> , 2008, 7, 1-7.	0.3	3
32	Potential of Increased Temporal Crop Diversity to Improve Resource Use Efficiencies. , 2019, , 55-73.		2