

William L Pan

List of Publications by Year in descending order

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35
papers

963
citations

471509

17
h-index

454955

30
g-index

35
all docs

35
docs citations

35
times ranked

1091
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrogen Use Efficiency of Split Nitrogen Applications in Soft White Winter Wheat. <i>Agronomy Journal</i> , 1994, 86, 942-948.	1.8	109
2	Winter Wheat Yield and Grain Protein across Varied Landscape Positions. <i>Agronomy Journal</i> , 1994, 86, 1026-1032.	1.8	78
3	Assessment of Spatially Variable Nitrogen Fertilizer Management in Winter Wheat. <i>Journal of Production Agriculture</i> , 1994, 7, 86-93.	0.4	62
4	Nitrogen Recycling by Nonleguminous Winter Cover Crops to Reduce Leaching in Potato Rotations. <i>Agronomy Journal</i> , 2002, 94, 365.	1.8	62
5	Optimizing Yield and Grain Protein in Soft White Winter Wheat with Split Nitrogen Applications. <i>Agronomy Journal</i> , 1994, 86, 1020-1025.	1.8	59
6	Assessing carbon and water dynamics of no-till and conventional tillage cropping systems in the inland Pacific Northwest US using the eddy covariance method. <i>Agricultural and Forest Meteorology</i> , 2016, 218-219, 37-49.	4.8	52
7	Integrated Root System Age in Relation to Plant Nutrient Uptake Activity. <i>Agronomy Journal</i> , 1998, 90, 505-510.	1.8	51
8	Utilization of Previously Accumulated and Concurrently Absorbed Nitrogen during Reproductive Growth in Maize. <i>Plant Physiology</i> , 1986, 82, 247-253.	4.8	46
9	Nitrate Uptake and Partitioning by Corn Root Systems. <i>Plant Physiology</i> , 1985, 77, 560-566.	4.8	44
10	Evaluating opportunities for an increased role of winter crops as adaptation to climate change in dryland cropping systems of the U.S. Inland Pacific Northwest. <i>Climatic Change</i> , 2018, 146, 247-261.	3.6	41
11	Economic, policy, and social trends and challenges of introducing oilseed and pulse crops into dryland wheat cropping systems. <i>Agriculture, Ecosystems and Environment</i> , 2018, 253, 177-194.	5.3	39
12	Ammonia/Ammonium Toxicity Root Symptoms Induced by Inorganic and Organic Fertilizers and Placement. <i>Agronomy Journal</i> , 2016, 108, 2485-2492.	1.8	36
13	Toward a Better Understanding of Genotype × Environment × Management Interactions: A Global Wheat Initiative Agronomic Research Strategy. <i>Frontiers in Plant Science</i> , 2020, 11, 828.	3.6	31
14	Assessing carbon dynamics at high and low rainfall agricultural sites in the inland Pacific Northwest US using the eddy covariance method. <i>Agricultural and Forest Meteorology</i> , 2016, 218-219, 25-36.	4.8	28
15	High resolution imaging to assess oilseed species's root hair responses to soil water stress. <i>Plant and Soil</i> , 2011, 339, 125-135.	3.7	19
16	Influence of Soil Nitrogen and Water Supply on Canola Nitrogen Use Efficiency. <i>Agronomy Journal</i> , 2016, 108, 2099-2109.	1.8	19
17	Water and Temperature Stresses Impact Canola (<i>Brassica napus</i> L.) Fatty Acid, Protein, and Yield over Nitrogen and Sulfur. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 10429-10438.	5.2	19
18	Mitscherlich Modeled, Semi-Arid Canola Nitrogen Requirements Influenced by Soil Nitrogen and Water. <i>Agronomy Journal</i> , 2016, 108, 884-894.	1.8	18

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19	N ₂ O Emissions From Two Agroecosystems: High Spatial Variability and Long Pulses Observed Using Static Chambers and the Flux-Gradient Technique. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 1887-1904.	3.0	18
20	Monitoring Russian Thistle (<i>Salsola iberica</i>) Root Growth Using a Scanner-Based, Portable Mesorhizotron1. <i>Weed Technology</i> , 2001, 15, 762-766.	0.9	15
21	Effects of Climatic Conditions and Management Practices on Agricultural Carbon and Water Budgets in the Inland Pacific Northwest USA. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 3142-3160.	3.0	14
22	Impact of Climate Change Adaptation Strategies on Winter Wheat and Cropping System Performance across Precipitation Gradients in the Inland Pacific Northwest, USA. <i>Frontiers in Environmental Science</i> , 2017, 5, .	3.3	13
23	Registration of Four Winter-Hardy Faba Bean Germplasm Lines for Use in Winter Pulse and Cover Crop Development. <i>Journal of Plant Registrations</i> , 2015, 9, 367-370.	0.5	12
24	Addition of lignin to lime materials for expedited pH increase and improved vertical mobility of lime in no-till soils. <i>Soil Use and Management</i> , 2019, 35, 314-322.	4.9	12
25	Carbon and Water Budgets in Multiple Wheat-Based Cropping Systems in the Inland Pacific Northwest US: Comparison of CropSyst Simulations with Eddy Covariance Measurements. <i>Frontiers in Ecology and Evolution</i> , 2017, 5, .	2.2	11
26	Economically Optimal Nitrogen Fertilization for Yield and Protein in Hard Red Spring Wheat. <i>Agronomy Journal</i> , 2004, 96, 116-123.	1.8	11
27	Barley Semidwarf and Standard Isotype Yield and Malting Quality Response to Nitrogen. <i>Crop Science</i> , 1993, 33, 258-263.	1.8	10
28	Residual Fertilizer, Crop Sequence, and Water Availability Impact Rotational Nitrogen Balances. <i>Agronomy Journal</i> , 2017, 109, 2839-2862.	1.8	9
29	Winter canola response to soil and fertilizer nitrogen in semiarid Mediterranean conditions. <i>Agronomy Journal</i> , 2020, 112, 801-814.	1.8	8
30	Nitrogen Affects Wheat and Canola Silica Accumulation, Soil Silica Forms, and Crusting. <i>Journal of Environmental Quality</i> , 2018, 47, 1380-1388.	2.0	6
31	Registration of WA-HT1, a Camelina Line with Resistance to Residual Levels of ALS Inhibitor Herbicides. <i>Journal of Plant Registrations</i> , 2018, 12, 253-256.	0.5	5
32	Dense subsoils limit winter wheat rooting depth and soil water depletion. <i>Agronomy Journal</i> , 2020, 112, 81-91.	1.8	3
33	Importance of Soil Fertility, Soil Sampling, and Fertilizer Recommendations in the Inland Pacific Northwest. <i>Communications in Soil Science and Plant Analysis</i> , 2014, 45, 2979-2991.	1.4	2
34	Assessment of Relative Potencies of Nitrogen Sources on Seedling Root Systems. <i>Agronomy Journal</i> , 2019, 111, 2445-2452.	1.8	1
35	2019: A Momentous Year for SSSA. <i>CSA News</i> , 2019, 64, 14-14.	0.0	0