

Seth L Naeve

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,797
citations

279798

23
h-index

289244

40
g-index

51
all docs

51
docs citations

51
times ranked

1584
citing authors

#	ARTICLE	IF	CITATIONS
1	Phenotypic and Genomic Analyses of a Fast Neutron Mutant Population Resource in Soybean. <i>Plant Physiology</i> , 2011, 156, 240-253.	4.8	175
2	Genetic Improvement of U.S. Soybean in Maturity Groups II, III, and IV. <i>Crop Science</i> , 2014, 54, 1419-1432.	1.8	160
3	Assessing causes of yield gaps in agricultural areas with diversity in climate and soils. <i>Agricultural and Forest Meteorology</i> , 2017, 247, 170-180.	4.8	121
4	Assessing Variation in US Soybean Seed Composition (Protein and Oil). <i>Frontiers in Plant Science</i> , 2019, 10, 298.	3.6	88
5	Genetic Gain— Management Interactions in Soybean: I. Planting Date. <i>Crop Science</i> , 2013, 53, 1128-1138.	1.8	86
6	Soybean Yield Partitioning Changes Revealed by Genetic Gain and Seeding Rate Interactions. <i>Agronomy Journal</i> , 2014, 106, 1631-1642.	1.8	86
7	Soybean response to nitrogen application across the United States: A synthesis-analysis. <i>Field Crops Research</i> , 2018, 215, 74-82.	5.1	83
8	Planting Date, Maturity, and Temperature Effects on Soybean Seed Yield and Composition. <i>Agronomy Journal</i> , 2017, 109, 2040-2049.	1.8	75
9	Neonicotinoid seed treatments of soybean provide negligible benefits to US farmers. <i>Scientific Reports</i> , 2019, 9, 11207.	3.3	62
10	Sifting and winnowing: Analysis of farmer field data for soybean in the US North-Central region. <i>Field Crops Research</i> , 2018, 221, 130-141.	5.1	61
11	Genome Resilience and Prevalence of Segmental Duplications Following Fast Neutron Irradiation of Soybean. <i>Genetics</i> , 2014, 198, 967-981.	2.9	53
12	Dry Matter and Nitrogen Uptake, Partitioning, and Removal across a Wide Range of Soybean Seed Yield Levels. <i>Crop Science</i> , 2017, 57, 2170-2182.	1.8	52
13	Regional and Temporal Variation in Soybean Seed Protein and Oil across the United States. <i>Crop Science</i> , 2016, 56, 797-808.	1.8	47
14	Physiological and Phenological Responses of Historical Soybean Cultivar Releases to Earlier Planting. <i>Crop Science</i> , 2014, 54, 804-816.	1.8	45
15	Assessing the influence of row spacing on soybean yield using experimental and producer survey data. <i>Field Crops Research</i> , 2019, 230, 98-106.	5.1	43
16	An Induced Chromosomal Translocation in Soybean Disrupts a <i>KASI</i> Ortholog and Is Associated with a High-Sucrose and Low-Oil Seed Phenotype. <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 1215-1223.	1.8	42
17	Pod Removal, Shade, and Defoliation Effects on Soybean Yield, Protein, and Oil. <i>Agronomy Journal</i> , 2009, 101, 971-978.	1.8	41
18	Genetic Gain— Management Interactions in Soybean: II. Nitrogen Utilization. <i>Crop Science</i> , 2014, 54, 340-348.	1.8	40

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19	Genotype × Environment Interactions within Iron Deficiency Chlorosis-Tolerant Soybean Genotypes. <i>Agronomy Journal</i> , 2006, 98, 808-814.	1.8	31
20	High-Input Management Systems Effect on Soybean Seed Yield, Yield Components, and Economic Break-Even Probabilities. <i>Crop Science</i> , 2016, 56, 1988-2004.	1.8	30
21	Differential Accumulation of Soybean Seed Storage Protein Subunits in Response to Sulfur and Nitrogen Nutritional Sources. <i>Plant Production Science</i> , 2000, 3, 268-274.	2.0	27
22	Phosphorus and Potassium Uptake, Partitioning, and Removal across a Wide Range of Soybean Seed Yield Levels. <i>Crop Science</i> , 2017, 57, 2193-2204.	1.8	25
23	Corn and soybean's season-long in-situ nitrogen mineralization in drained and undrained soils. <i>Nutrient Cycling in Agroecosystems</i> , 2017, 107, 33-47.	2.2	24
24	Soybean yield, biological N ₂ fixation and seed composition responses to additional inoculation in the United States. <i>Scientific Reports</i> , 2019, 9, 19908.	3.3	24
25	Environmental Factors Associated With Nitrogen Fixation Prediction in Soybean. <i>Frontiers in Plant Science</i> , 2021, 12, 675410.	3.6	20
26	Distribution and Mobilization of Sulfur during Soybean Reproduction. <i>Crop Science</i> , 2005, 45, 2540-2551.	1.8	19
27	Amino Acid Balance is Affected by Protein Concentration in Soybean. <i>Crop Science</i> , 2018, 58, 2050-2062.	1.8	19
28	Historical trend on seed amino acid concentration does not follow protein changes in soybeans. <i>Scientific Reports</i> , 2020, 10, 17707.	3.3	19
29	Iron Deficiency Chlorosis in Soybean. <i>Agronomy Journal</i> , 2006, 98, 1575.	1.8	18
30	Sulfur fertilization in soybean: A meta-analysis on yield and seed composition. <i>European Journal of Agronomy</i> , 2021, 127, 126285.	4.1	18
31	Field validation of a farmer supplied data approach to close soybean yield gaps in the US North Central region. <i>Agricultural Systems</i> , 2022, 200, 103434.	6.1	17
32	Characterizing Genotype × Management Interactions on Soybean Seed Yield. <i>Crop Science</i> , 2016, 56, 786-796.	1.8	16
33	Secondary and Micronutrient Uptake, Partitioning, and Removal across a Wide Range of Soybean Seed Yield Levels. <i>Agronomy Journal</i> , 2018, 110, 1328-1338.	1.8	13
34	Assessing benefits of artificial drainage on soybean yield in the North Central US region. <i>Agricultural Water Management</i> , 2021, 243, 106425.	5.6	13
35	The Use of Reflectance Data for In-Season Soybean Yield Prediction. <i>Agronomy Journal</i> , 2014, 106, 1159-1168.	1.8	10
36	Determination of isoflavone (genistein and daidzein) concentration of soybean seed as affected by environment and management inputs. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 3342-3347.	3.5	10

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37	Sulfur Metabolism and Protein Quality of Soybean. <i>The Journal of Crop Improvement: Innovations in Practice and Research</i> , 2002, 5, 285-308.	0.4	9
38	In-season weather data provide reliable yield estimates of maize and soybean in the US central Corn Belt. <i>International Journal of Biometeorology</i> , 2021, 65, 489-502.	3.0	9
39	Late-Season Nitrogen Applications Increase Soybean Yield and Seed Protein Concentration. <i>Frontiers in Plant Science</i> , 2021, 12, 715940.	3.6	9
40	Fungicide Management Does Not Affect the Rate of Genetic Gain in Soybean. <i>Agronomy Journal</i> , 2014, 106, 2043-2054.	1.8	8
41	Seed inoculation with <i>Azospirillum brasilense</i> in the U.S. soybean systems. <i>Field Crops Research</i> , 2022, 283, 108537.	5.1	8
42	Climate Change and Management Impacts on Soybean N Fixation, Soil N Mineralization, N ₂ O Emissions, and Seed Yield. <i>Frontiers in Plant Science</i> , 2022, 13, 849896.	3.6	8
43	Canopy Nitrogen Reserves: Impact on Soybean Yield and Seed Quality Traits in Northern Latitudes. <i>Agronomy Journal</i> , 2008, 100, 681-689.	1.8	7
44	Drainage Conditions Influence Corn-Nitrogen Management in the US Upper Midwest. <i>Agronomy</i> , 2021, 11, 2491.	3.0	6
45	Characterizing Soybean Meal Value Variation across the United States: A Swine Case Study. <i>Agronomy Journal</i> , 2018, 110, 2343-2349.	1.8	5
46	Preceding Crops Affected Soybean Iron Deficiency Chlorosis and Vesicular Arbuscular Mycorrhizal Fungi in Soybean Cyst Nematode Infested Fields. <i>Crop Science</i> , 2013, 53, 250-259.	1.8	4
47	Management strategies for early and late planted soybean in the north-central United States. <i>Agronomy Journal</i> , 2020, 112, 2928-2943.	1.8	4
48	Foliar fertilizers rarely increase yield in United States soybean. <i>Agronomy Journal</i> , 2021, 113, 5246-5253.	1.8	4
49	Sample Size and Heterogeneity Effects on the Analysis of Whole Soybean Seed Using Near Infrared Spectroscopy. <i>Agronomy Journal</i> , 2008, 100, 231-234.	1.8	3
50	Sample Size and Heterogeneity Effects on the Analysis of Whole Soybean Seed Using Near Infrared Spectroscopy. <i>Agronomy Journal</i> , 2008, 100, 231.	1.8	0
51	Soybean Seed Yield Was Not Influenced by Foliar Applications of Sugar. <i>Crop Management</i> , 2011, 10, 1-3.	0.3	0