

# Andrew Lenssen

## List of Publications by Year in descending order

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85  
papers

1,413  
citations

331670

21  
h-index

434195

31  
g-index

86  
all docs

86  
docs citations

86  
times ranked

1164  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Planting into a Green Winter Cereal Rye Cover Crop on Growth and Development, Seedling Disease, and Yield of Corn. <i>Plant Disease</i> , 2022, 106, 114-120.	1.4	9
2	Photothermal controls of vegetative dormancy in <i>Poa secunda</i> . , 2022, 1, 43-52.		1
3	Nitrogen fertilization rate and method influences water and nitrogen productivity of forage winter wheat. <i>Agronomy Journal</i> , 2021, 113, 577-589.	1.8	2
4	The Environmental Impact of Ecological Intensification in Soybean Cropping Systems in the U.S. Upper Midwest. <i>Sustainability</i> , 2021, 13, 1696.	3.2	2
5	Environmental trade-offs of relay-cropping winter cover crops with soybean in a maize-soybean cropping system. <i>Agricultural Systems</i> , 2021, 189, 103062.	6.1	17
6	Nitrogen use in spring wheat affected by crop diversification, management, and tillage. <i>Agronomy Journal</i> , 2021, 113, 2437-2449.	1.8	2
7	Interseeded pennycress and camelina yield and influence on row crops. <i>Agronomy Journal</i> , 2021, 113, 2629-2647.	1.8	11
8	Stem Density, Productivity, and Weed Community Dynamics in Corn-Alfalfa Intercropping. <i>Agronomy</i> , 2021, 11, 1696.	3.0	3
9	Alfalfa Established Successfully in Intercropping with Corn in the Midwest US. <i>Agronomy</i> , 2021, 11, 1676.	3.0	12
10	Crop water and nitrogen productivity in response to long-term diversified crop rotations and management systems. <i>Agricultural Water Management</i> , 2021, 257, 107149.	5.6	11
11	Weather and landscape influences on pollinator visitation of flowering winter oilseeds (field) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	1.8	14
12	Perennial cover crop influences on soil C and N and maize productivity. <i>Nutrient Cycling in Agroecosystems</i> , 2020, 116, 135-150.	2.2	6
13	Cover Crop Rotation Effects on Growth and Development, Seedling Disease, and Yield of Corn and Soybean. <i>Plant Disease</i> , 2020, 104, 677-687.	1.4	26
14	Modeling perennial groundcover effects on annual maize grain crop growth with the Agricultural Production Systems sIMulator. <i>Agronomy Journal</i> , 2020, 112, 1895-1910.	1.8	13
15	Genotype by Location Effects on Yield and Seed Nutrient Composition of Common Bean. <i>Agronomy</i> , 2020, 10, 347.	3.0	11
16	Soil Nitrogen in Response to Interseeded Cover Crops in Maize-Soybean Production Systems. <i>Agronomy</i> , 2020, 10, 1439.	3.0	9
17	Diversified crop rotation and management system influence durum yield and quality. <i>Agronomy Journal</i> , 2020, 112, 4407-4419.	1.8	3
18	Soil water and crop water use with crop rotations and cultural practices. <i>Agronomy Journal</i> , 2020, 112, 3306-3321.	1.8	4

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19	Stacked crop rotations and cultural practices for canola and flax yield and quality. <i>Agronomy Journal</i> , 2020, 112, 2020-2032.	1.8	8
20	Post-emergence land rolling influences soybean plant architecture but not yield. <i>Crop, Forage and Turfgrass Management</i> , 2020, 6, e20025.	0.6	1
21	Agricultural practices for growing kenaf in Iowa: II. Fiber composition and quality. <i>Agronomy Journal</i> , 2020, 112, 1726-1736.	1.8	1
22	Establishing winter annual cover crops by interseeding into Maize and Soybean. <i>Agronomy Journal</i> , 2020, 112, 719-732.	1.8	27
23	Pea Growth, Yield, and Quality in Different Crop Rotations and Cultural Practices. , 2019, 2, 1-9.		4
24	Regenerating Agricultural Landscapes with Perennial Groundcover for Intensive Crop Production. <i>Agronomy</i> , 2019, 9, 458.	3.0	34
25	Nutritional Composition of Grain Legume Leaves and the Impact of Leaf Removal on Yield. , 2019, 2, 1-10.		5
26	Agricultural Practices for Growing Kenaf in Iowa: I. Morphology, Stem, and Fiber Yield. <i>Agronomy Journal</i> , 2019, 111, 1118-1127.	1.8	1
27	Application of a Formulated Humic Product Can Increase Soybean Yield. <i>Crop, Forage and Turfgrass Management</i> , 2019, 5, 180053.	0.6	8
28	Nitrogen balance in dryland agroecosystem in response to tillage, crop rotation, and cultural practice. <i>Nutrient Cycling in Agroecosystems</i> , 2018, 110, 467-483.	2.2	14
29	Dryland Pea Production and Water Use Responses to Tillage, Crop Rotation, and Weed Management Practice. <i>Agronomy Journal</i> , 2018, 110, 1843-1853.	1.8	12
30	Phenology and Biomass Production of Adapted and Non-Adapted Tropical Corn Populations in Central Iowa. <i>Agronomy Journal</i> , 2018, 110, 171-182.	1.8	5
31	Dryland Corn Production and Water Use Affected by Tillage and Crop Management Intensity. <i>Agronomy Journal</i> , 2018, 110, 2439-2446.	1.8	11
32	Developmental Morphology and Biomass Yield of Upland and Lowland Switchgrass Ecotypes Grown in Iowa. <i>Agronomy</i> , 2018, 8, 61.	3.0	8
33	Biomass Production and Composition of Temperate and Tropical Maize in Central Iowa. <i>Agronomy</i> , 2018, 8, 88.	3.0	6
34	Effects of fungicide seed treatments and a winter cereal rye cover crop in no till on the seedling disease complex in corn. <i>Canadian Journal of Plant Pathology</i> , 2018, 40, 481-497.	1.4	18
35	Soil residual nitrogen under various crop rotations and cultural practices. <i>Journal of Plant Nutrition and Soil Science</i> , 2017, 180, 187-198.	1.9	16
36	A model for evaluating production and environmental performance of kenaf in rotation with conventional row crops. <i>Industrial Crops and Products</i> , 2017, 100, 218-227.	5.2	4

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37	Establishment of Perennial Groundcovers for Maize-Based Bioenergy Production Systems. <i>Agronomy Journal</i> , 2017, 109, 822-835.	1.8	13
38	Cover Crop Options and Mixes for Upper Midwest Corn-Soybean Systems. <i>Agronomy Journal</i> , 2017, 109, 968-984.	1.8	62
39	Time Interval Between Cover Crop Termination and Planting Influences Corn Seedling Disease, Plant Growth, and Yield. <i>Plant Disease</i> , 2017, 101, 591-600.	1.4	46
40	Corn ( <i>Zea mays</i> L.) seeding rate optimization in Iowa, USA. <i>Precision Agriculture</i> , 2017, 18, 452-469.	6.0	22
41	Soil Total Carbon and Crop Yield Affected by Crop Rotation and Cultural Practice. <i>Agronomy Journal</i> , 2017, 109, 388-396.	1.8	10
42	Root and soil total carbon and nitrogen under bioenergy perennial grasses with various nitrogen rates. <i>Biomass and Bioenergy</i> , 2017, 107, 326-334.	5.7	13
43	Soil total carbon and nitrogen and crop yields after eight years of tillage, crop rotation, and cultural practice. <i>Heliyon</i> , 2017, 3, e00481.	3.2	13
44	Living Mulch for Sustainable Maize Stover Biomass Harvest. <i>Crop Science</i> , 2017, 57, 3273-3290.	1.8	11
45	Influence of <i>Bradyrhizobium</i> Inoculation and Fungicide Seed Treatment on Development and Yield of Cowpea, Lablab, and Soybean. <i>Crop, Forage and Turfgrass Management</i> , 2017, 3, 1-7.	0.6	5
46	Kenaf Productivity as Affected by Agricultural Practices in Iowa. <i>Crop Science</i> , 2017, 57, 3252-3263.	1.8	1
47	Kenaf productivity and morphology, when grown in Iowa and in Kentucky. <i>Industrial Crops and Products</i> , 2016, 94, 596-609.	5.2	8
48	Nitrogen balance in response to dryland crop rotations and cultural practices. <i>Agriculture, Ecosystems and Environment</i> , 2016, 233, 25-32.	5.3	25
49	Compositional differences among upland and lowland switchgrass ecotypes grown as a bioenergy feedstock crop. <i>Biomass and Bioenergy</i> , 2016, 87, 169-177.	5.7	16
50	Dryland soil chemical properties and crop yields affected by long-term tillage and cropping sequence. <i>SpringerPlus</i> , 2015, 4, 320.	1.2	28
51	Comparing Yield Monitors with Weigh Wagons for On-farm Corn Hybrid Evaluation. <i>Crop, Forage and Turfgrass Management</i> , 2015, 1, 1-7.	0.6	5
52	Dryland Soil Carbon and Nitrogen after Thirty Years of Tillage and Cropping Sequence Combination. <i>Agronomy Journal</i> , 2015, 107, 1822-1830.	1.8	30
53	Forage Yield and Quality, Water Use, and Weeds of Selected Winter Cereals. <i>Crop, Forage and Turfgrass Management</i> , 2015, 1, 1-10.	0.6	2
54	Management and Tillage Influence Barley Forage Productivity and Water Use in Dryland Cropping Systems. <i>Agronomy Journal</i> , 2015, 107, 551-557.	1.8	10

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55	Integrating Sheep Grazing into Cereal-Based Crop Rotations: Spring Wheat Yields and Weed Communities. <i>Agronomy Journal</i> , 2015, 107, 104-112.	1.8	17
56	Crop Diversification, Tillage, and Management System Influence Spring Wheat Yield and Water Use. <i>Agronomy Journal</i> , 2014, 106, 1445-1454.	1.8	32
57	Nitrogen Use in Durum and Selected Brassicaceae Oilseeds in Two-Year Rotations. <i>Agronomy Journal</i> , 2014, 106, 821-830.	1.8	9
58	Particulate and active soil nitrogen fractions are reduced by sheep grazing in dryland cropping systems. <i>Nutrient Cycling in Agroecosystems</i> , 2014, 99, 79-93.	2.2	7
59	Crop yields and soil organic matter responses to sheep grazing in US northern Great Plains. <i>Soil and Tillage Research</i> , 2013, 134, 133-141.	5.6	9
60	Integrating sheep grazing into wheat-fallow systems: Crop yield and soil properties. <i>Field Crops Research</i> , 2013, 146, 75-85.	5.1	19
61	Dryland Malt Barley Yield and Quality Affected by Tillage, Cropping Sequence, and Nitrogen Fertilization. <i>Agronomy Journal</i> , 2013, 105, 329-340.	1.8	39
62	Simulating Dryland Water Availability and Spring Wheat Production in the Northern Great Plains. <i>Agronomy Journal</i> , 2013, 105, 37-50.	1.8	23
63	Net Greenhouse Gas Emissions Affected by Sheep Grazing in Dryland Cropping Systems. <i>Soil Science Society of America Journal</i> , 2013, 77, 1012-1025.	2.2	18
64	Spring Wheat Production and Associated Pests in Conventional and Diversified Cropping Systems in North Central Montana. <i>Crop Management</i> , 2013, 12, 1-8.	0.3	6
65	Dryland Soil Greenhouse Gas Emissions Affected by Cropping Sequence and Nitrogen Fertilization. <i>Soil Science Society of America Journal</i> , 2012, 76, 1741-1757.	2.2	41
66	In-Stream Measurement of Canola ( <i>Brassica Napus</i> L.) Seed Oil Concentration Using in-line near Infrared Reflectance Spectroscopy. <i>Journal of Near Infrared Spectroscopy</i> , 2012, 20, 387-395.	1.5	4
67	Dryland soil nitrogen cycling influenced by tillage, crop rotation, and cultural practice. <i>Nutrient Cycling in Agroecosystems</i> , 2012, 93, 309-322.	2.2	35
68	Yield, Pests, and Water Use of Durum and Selected Crucifer Oilseeds in Two-Year Rotations. <i>Agronomy Journal</i> , 2012, 104, 1295-1304.	1.8	36
69	Simulating Dryland Water Availability and Spring Wheat Production under Various Management Practices in the Northern Great Plains. , 2012, , .		0
70	Dryland residue and soil organic matter as influenced by tillage, crop rotation, and cultural practice. <i>Plant and Soil</i> , 2011, 338, 27-41.	3.7	34
71	Dryland soil carbon dynamics under alfalfa and durum-forage cropping sequences. <i>Soil and Tillage Research</i> , 2011, 113, 30-37.	5.6	29
72	Sheep Grazing in a Wheat-Fallow System Affects Dryland Soil Properties and Grain Yield. <i>Soil Science Society of America Journal</i> , 2011, 75, 1789-1798.	2.2	20

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73	Annual warm-season grasses vary for forage yield, quality, and competitiveness with weeds. Archives of Agronomy and Soil Science, 2011, 57, 839-852.	2.6	12
74	Soil Nitrogen Dynamics under Dryland Alfalfa and Durumâ€“Forage Cropping Sequences. Soil Science Society of America Journal, 2011, 75, 669-677.	2.2	17
75	Yield, Quality, and Water and Nitrogen Use of Durum and Annual Forages in Twoâ€“Year Rotations. Agronomy Journal, 2010, 102, 1261-1268.	1.8	30
76	Dryland Soil Carbon and Nitrogen Influenced by Sheep Grazing in the Wheat-Fallow System. Agronomy Journal, 2010, 102, 1553-1561.	1.8	10
77	Regional Assemblages of Lygus (Heteroptera: Miridae) in Montana Canola Fields. Journal of the Kansas Entomological Society, 2010, 83, 297-305.	0.2	11
78	Dryland Crop Yields and Soil Organic Matter as Influenced by Longâ€“Term Tillage and Cropping Sequence. Agronomy Journal, 2009, 101, 243-251.	1.8	66
79	Tillage and cropping sequence impacts on nitrogen cycling in dryland farming in eastern Montana, USA. Soil and Tillage Research, 2009, 103, 332-341.	5.6	45
80	Effect of Land Rolling on Weed Emergence in Field Pea, Barley, and Fallow. Weed Technology, 2009, 23, 23-27.	0.9	7
81	Long-term tillage influences on soil physical properties under dryland conditions in northeastern Montana. Archives of Agronomy and Soil Science, 2009, 55, 633-640.	2.6	13
82	Planting Date and Preplant Weed Management Influence Yield, Water Use, and Weed Seed Production in Herbicide-Free Forage Barley. Weed Technology, 2008, 22, 486-492.	0.9	20
83	Longâ€“Term Tillage and Cropping Sequence Effects on Dryland Residue and Soil Carbon Fractions. Soil Science Society of America Journal, 2007, 71, 1730-1739.	2.2	63
84	Dryland plant biomass and soil carbon and nitrogen fractions on transient land as influenced by tillage and crop rotation. Soil and Tillage Research, 2007, 93, 452-461.	5.6	37
85	Carbon Sequestration in Dryland Soils and Plant Residue as Influenced by Tillage and Crop Rotation. Journal of Environmental Quality, 2006, 35, 1341-1347.	2.0	30