

# Matt A Yost

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6199/publications.pdf>

Version: 2024-02-01

34  
papers

498  
citations

759233

12  
h-index

713466

21  
g-index

34  
all docs

34  
docs citations

34  
times ranked

613  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluating strategies for sustainable intensification of US agriculture through the Long-Term Agroecosystem Research network. <i>Environmental Research Letters</i> , 2018, 13, 034031.	5.2	75
2	Long-term impact of a precision agriculture system on grain crop production. <i>Precision Agriculture</i> , 2017, 18, 823-842.	6.0	61
3	Alfalfa Nitrogen Credit to First-Year Corn: Potassium, Regrowth, and Tillage Timing Effects. <i>Agronomy Journal</i> , 2012, 104, 953-962.	1.8	36
4	On-farm soil health evaluations: Challenges and opportunities. <i>Journal of Soils and Water Conservation</i> , 2017, 72, 26A-31A.	1.6	32
5	A long-term precision agriculture system sustains grain profitability. <i>Precision Agriculture</i> , 2019, 20, 1177-1198.	6.0	28
6	Public-private collaboration toward research, education and innovation opportunities in precision agriculture. <i>Precision Agriculture</i> , 2019, 20, 4-18.	6.0	25
7	Field-specific Fertilizer Nitrogen Requirements for First-Year Corn following Alfalfa. <i>Agronomy Journal</i> , 2014, 106, 645-658.	1.8	23
8	First-Year Corn after Alfalfa Showed No Response to Fertilizer Nitrogen under No-Tillage. <i>Agronomy Journal</i> , 2013, 105, 208-214.	1.8	21
9	Second-Year Corn after Alfalfa Often Requires No Fertilizer Nitrogen. <i>Agronomy Journal</i> , 2014, 106, 659-669.	1.8	20
10	Long-Term Impacts of Cropping Systems and Landscape Positions on Claypan Soil Grain Crop Production. <i>Agronomy Journal</i> , 2016, 108, 713-725.	1.8	17
11	Alfalfa Stand Length and Subsequent Crop Patterns in the Upper Midwestern United States. <i>Agronomy Journal</i> , 2014, 106, 1697-1708.	1.8	13
12	Yield Potential and Nitrogen Requirements of <i>Miscanthus</i> – <i>giganteus</i> on Eroded Soil. <i>Agronomy Journal</i> , 2017, 109, 684-695.	1.8	13
13	Soil health spatial-temporal variation influence soil security on Midwestern, U.S. farms. <i>Soil Security</i> , 2021, 3, 100005.	2.3	13
14	Topsoil Thickness Effects on Corn, Soybean, and Switchgrass Production on Claypan Soils. <i>Agronomy Journal</i> , 2017, 109, 782-794.	1.8	12
15	Stand Age Affects Fertilizer Nitrogen Response in First-Year Corn following Alfalfa. <i>Agronomy Journal</i> , 2015, 107, 486-494.	1.8	11
16	Relating four-day soil respiration to corn nitrogen fertilizer needs across 49 U.S. Midwest fields. <i>Soil Science Society of America Journal</i> , 2020, 84, 1195-1208.	2.2	11
17	Relationships of on-farm soil health scores with corn and soybean yield in the midwestern United States. <i>Soil Science Society of America Journal</i> , 2022, 86, 91-105.	2.2	11
18	Nitrogen Requirements of First-Year Corn following Alfalfa Were Not Altered by Fall-Applied Manure. <i>Agronomy Journal</i> , 2013, 105, 1061-1069.	1.8	9

#	ARTICLE	IF	CITATIONS
19	Cropping System, Landscape Position, and Topsoil Depth Affect Soil Fertility and Nutrient Buffering. Soil Science Society of America Journal, 2018, 82, 382-391.	2.2	7
20	Opportunities Exist to Improve Alfalfa and Manure Nitrogen Crediting in Corn following Alfalfa. Agronomy Journal, 2014, 106, 2098-2106.	1.8	6
21	Water in the West: Trends, production efficiency, and a call for open data. Journal of Environmental Management, 2022, 306, 114330.	7.8	6
22	Potassium Management during the Rotation from Alfalfa to Corn. Agronomy Journal, 2011, 103, 1785-1793.	1.8	5
23	Cropping system and landscape characteristics influence long-term grain crop profitability. , 2020, 3, e20099.		5
24	Nitrogen requirements of first-year small grains after alfalfa. Soil Science Society of America Journal, 2021, 85, 1698-1709.	2.2	5
25	Impact of rhizome quality on Miscanthus establishment in claypan soil landscapes. Industrial Crops and Products, 2016, 85, 331-340.	5.2	4
26	Topsoil Thickness Influences Nitrogen Management of Switchgrass. Bioenergy Research, 2017, 10, 465-477.	3.9	4
27	Do Soil Tests Help Forecast Nitrogen Response in First-Year Corn Following Alfalfa on Fine-Textured Soils?. Soil Science Society of America Journal, 2017, 81, 1640-1651.	2.2	4
28	Miscanthus Ã— Giganteus Growth and Nutrient Export on 22 Producer Fields. Bioenergy Research, 2018, 11, 426-439.	3.9	4
29	Biochar had minor effects on yield, quality, and water availability of irrigated alfalfa, corn, and wheat. Agronomy Journal, 2022, 114, 1717-1730.	1.8	4
30	Using Topsoil Thickness to Improve Site-Specific Phosphorus and Potassium Management on Claypan Soil. Agronomy Journal, 2017, 109, 2291-2301.	1.8	3
31	Tillage method and glyphosate-resistant alfalfa termination timing affect soil properties and subsequent corn yield. Agronomy Journal, 2021, 113, 321-334.	1.8	3
32	Planting depth and within-field soil variability impacts on corn stand establishment and yield. , 2021, 4, e20186.		3
33	Nitrogen fertilization and glyphosate-resistant alfalfa termination method effects on first-year silage corn. Agronomy Journal, 2021, 113, 1712-1723.	1.8	2
34	Nitrogen fertilizer needs of first-year small grain forages following alfalfa. Agronomy Journal, 2021, 113, 2006-2017.	1.8	2