

# Virginia A Nichols

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8067282/publications.pdf>

Version: 2024-02-01

14  
papers

707  
citations

840776  
11  
h-index

1199594  
12  
g-index

15  
all docs

15  
docs citations

15  
times ranked

915  
citing authors

#	ARTICLE	IF	CITATIONS
1	Weed dynamics and conservation agriculture principles: A review. Field Crops Research, 2015, 183, 56-68.	5.1	292
2	Does diversifying crop rotations suppress weeds? A meta-analysis. PLoS ONE, 2019, 14, e0219847.	2.5	122
3	Predicting crop yields and soil-plant nitrogen dynamics in the US Corn Belt. Crop Science, 2020, 60, 721-738.	1.8	91
4	Multi-Locus Mixed Model Analysis Of Stem Rust Resistance In Winter Wheat. Plant Genome, 2017, 10, plantgenome2017.01.0001.	2.8	52
5	Cover crops and weed suppression in the U.S. Midwest: A meta-analysis and modeling study. Agricultural and Environmental Letters, 2020, 5, e20022.	1.2	38
6	Maize root distributions strongly associated with water tables in Iowa, USA. Plant and Soil, 2019, 444, 225-238.	3.7	26
7	Effects of Long-Term Cover Cropping on Weed Seedbanks. Frontiers in Agronomy, 2020, 2, .	3.3	18
8	Comparison of Cellulosic Ethanol Yields from Midwestern Maize and Reconstructed Tallgrass Prairie Systems Managed for Bioenergy. Bioenergy Research, 2014, 7, 1550-1560.	3.9	15
9	Rotating maize reduces the risk and rate of nitrate leaching. Environmental Research Letters, 2021, 16, 064063.	5.2	15
10	Cropping System Redesign for Improved Weed Management: A Modeling Approach Illustrated with Giant Ragweed (Ambrosia trifida). Agronomy, 2020, 10, 262.	3.0	15
11	Can multi-strategy management stabilize nitrate leaching under increasing rainfall?. Environmental Research Letters, 2019, 14, 124079.	5.2	14
12	Site-specific effects of winter cover crops on soil water storage. , 2022, 5, .		5
13	Maize and Prairie Root Contributions to Soil CO <sub>2</sub> Emissions in the Field. Crop Science, 2016, 56, 2791-2801.	1.8	3
14	Means, motive, and opportunity. Elementa, 2022, 10, .	3.2	0