

# Dan Olk

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8985086/publications.pdf>

Version: 2024-02-01

24  
papers

1,509  
citations

516215

16  
h-index

610482

24  
g-index

25  
all docs

25  
docs citations

25  
times ranked

2005  
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrating plant litter quality, soil organic matter stabilization, and the carbon saturation concept. <i>Global Change Biology</i> , 2015, 21, 3200-3209.	4.2	456
2	Environmental and Agricultural Relevance of Humic Fractions Extracted by Alkali from Soils and Natural Waters. <i>Journal of Environmental Quality</i> , 2019, 48, 217-232.	1.0	148
3	Nitrogen-bonded aromatics in soil organic matter and their implications for a yield decline in intensive rice cropping. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 6351-6354.	3.3	140
4	Overview of the Symposium Proceedings, "Meaningful Pools in Determining Soil Carbon and Nitrogen Dynamics". <i>Soil Science Society of America Journal</i> , 2006, 70, 967-974.	1.2	116
5	A New Standardized Method for Quantification of Humic and Fulvic Acids in Humic Ores and Commercial Products. <i>Journal of AOAC INTERNATIONAL</i> , 2014, 97, 721-730.	0.7	73
6	Forms and Lability of Phosphorus in Humic Acid Fractions of Hord Silt Loam Soil. <i>Soil Science Society of America Journal</i> , 2011, 75, 1712-1722.	1.2	72
7	Humic products in agriculture: potential benefits and research challenges—a review. <i>Journal of Soils and Sediments</i> , 2018, 18, 2881-2891.	1.5	69
8	Using Humic Fractions to Understand Natural Organic Matter Processes in Soil and Water: Selected Studies and Applications. <i>Journal of Environmental Quality</i> , 2019, 48, 1633-1643.	1.0	59
9	Solid-State NMR Analysis of Soil Organic Matter Fractions from Integrated Physical-Chemical Extraction. <i>Soil Science Society of America Journal</i> , 2011, 75, 1374-1384.	1.2	57
10	A Chemical Fractionation for Structure-Function Relations of Soil Organic Matter in Nutrient Cycling. <i>Soil Science Society of America Journal</i> , 2006, 70, 1013-1022.	1.2	53
11	ACCUMULATION OF LIGNIN RESIDUES IN ORGANIC MATTER FRACTIONS OF LOWLAND RICE SOILS: A PYROLYSIS-GC-MS STUDY. <i>Soil Science</i> , 2002, 167, 590-606.	0.9	50
12	Reduction of Potassium Fixation by Two Humic Acid Fractions in Vermiculitic Soils. <i>Soil Science Society of America Journal</i> , 1995, 59, 1250-1258.	1.2	39
13	Fall Conservation Deep Tillage Stabilizes Maize Residues into Soil Organic Matter. <i>Soil Science Society of America Journal</i> , 2012, 76, 2154-2163.	1.2	37
14	Characterization of Humic Acid Fractions Improves Estimates of Nitrogen Mineralization Kinetics for Lowland Rice Soils. <i>Soil Science Society of America Journal</i> , 2004, 68, 1266-1277.	1.2	26
15	Similarities in chemical composition of soil organic matter across a millennia-old paddy soil chronosequence as revealed by advanced solid-state NMR spectroscopy. <i>Biology and Fertility of Soils</i> , 2014, 50, 571-581.	2.3	22
16	Kinetics of short-term carbon mineralization in roots of biofuel crops in soils. <i>Biology and Fertility of Soils</i> , 2014, 50, 527-535.	2.3	19
17	Evidence from nuclear magnetic resonance spectroscopy of the processes of soil organic carbon accumulation under long-term fertilizer management. <i>European Journal of Soil Science</i> , 2017, 68, 703-715.	1.8	17
18	Environmental and Agricultural Relevance of Humic Fractions Extracted by Alkali from Soils and Natural Waters. <i>Journal of Environmental Quality</i> , 2019, 48, 1126-1126.	1.0	16

#	ARTICLE	IF	CITATIONS
19	Changes in Labile Fractions of Soil Organic Matter During the Conversion to Organic Farming. Journal of Soil Science and Plant Nutrition, 2020, 20, 1019-1028.	1.7	13
20	Formation of Char-Like, Fused-Ring Aromatic Structures from a Nonpyrogenic Pathway during Decomposition of Wheat Straw. Journal of Agricultural and Food Chemistry, 2020, 68, 2607-2614.	2.4	11
21	Carbohydrates and Amino Compounds as Short-Term Indicators of Soil Management. Clean - Soil, Air, Water, 2017, 45, .	0.7	6
22	Potential Alterations in the Chemical Structure of Soil Organic Matter Components during Sodium Hydroxide Extraction. Journal of Environmental Quality, 2019, 48, 1578-1586.	1.0	5
23	Maize Growth and Grain Yield Responses to a Micronized Humic Product Across Soil Types and Annual Weather Patterns in Central Iowa, United States. Frontiers in Plant Science, 2021, 12, 672078.	1.7	3
24	Maize Growth Responses to a Humic Product in Iowa Production Fields: An Extensive Approach. Frontiers in Plant Science, 2021, 12, 778603.	1.7	2