

# Cynthia M Kallenbach

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/985607/publications.pdf>

Version: 2024-02-01

14  
papers

1,906  
citations

759233

12  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

2543  
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct evidence for microbial-derived soil organic matter formation and its ecophysiological controls. <i>Nature Communications</i> , 2016, 7, 13630.	12.8	954
2	Microbial physiology and necromass regulate agricultural soil carbon accumulation. <i>Soil Biology and Biochemistry</i> , 2015, 91, 279-290.	8.8	235
3	Controls over soil microbial biomass responses to carbon amendments in agricultural systems: A meta-analysis. <i>Agriculture, Ecosystems and Environment</i> , 2011, 144, 241-252.	5.3	225
4	Cover cropping affects soil N <sub>2</sub> O and CO <sub>2</sub> emissions differently depending on type of irrigation. <i>Agriculture, Ecosystems and Environment</i> , 2010, 137, 251-260.	5.3	178
5	Managing Agroecosystems for Soil Microbial Carbon Use Efficiency: Ecological Unknowns, Potential Outcomes, and a Path Forward. <i>Frontiers in Microbiology</i> , 2019, 10, 1146.	3.5	89
6	A holistic framework integrating plant-microbe-mineral regulation of soil bioavailable nitrogen. <i>Biogeochemistry</i> , 2021, 154, 211-229.	3.5	63
7	Global distribution, formation and fate of mineral-associated soil organic matter under a changing climate: A trait-based perspective. <i>Functional Ecology</i> , 2022, 36, 1411-1429.	3.6	53
8	Root traits and root biomass allocation impact how wheat genotypes respond to organic amendments and earthworms. <i>PLoS ONE</i> , 2018, 13, e0200646.	2.5	21
9	Crop Domestication, Root Trait Syndromes, and Soil Nutrient Acquisition in Organic Agroecosystems: A Systematic Review. <i>Frontiers in Sustainable Food Systems</i> , 2021, 5, .	3.9	21
10	A novel soil amendment for enhancing soil moisture retention and soil carbon in drought-prone soils. <i>Geoderma</i> , 2019, 337, 256-265.	5.1	20
11	Distribution of soil organic matter fractions are altered with soil priming. <i>Soil Biology and Biochemistry</i> , 2022, 164, 108494.	8.8	16
12	Divergent belowground carbon allocation patterns of winter wheat shape rhizosphere microbial communities and nitrogen cycling activities. <i>Soil Biology and Biochemistry</i> , 2022, 165, 108518.	8.8	15
13	Land-use legacies regulate decomposition dynamics following bioenergy crop conversion. <i>GCB Bioenergy</i> , 2015, 7, 1232-1244.	5.6	11
14	Soybean abiotic stress tolerance is improved by beneficial rhizobacteria in biosolids-amended soil. <i>Applied Soil Ecology</i> , 2022, 174, 104425.	4.3	0