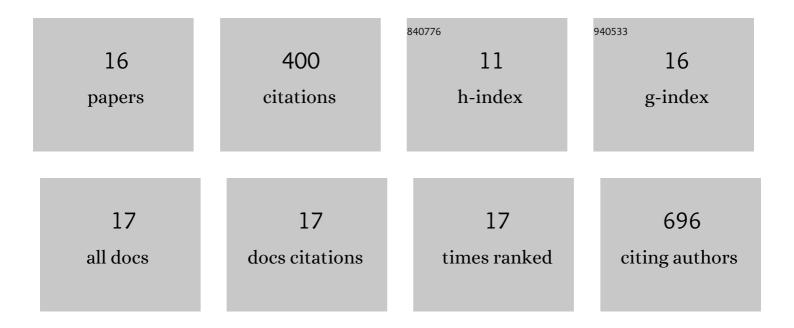
## Sandra F Yanni

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3419339/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Evaluating biodegradability of soil organic matter by its thermal stability and chemical composition. Soil Biology and Biochemistry, 2015, 91, 182-191.	8.8	78
2	Plant lignin and nitrogen contents control carbon dioxide production and nitrogen mineralization in soils incubated with Bt and non-Bt corn residues. Soil Biology and Biochemistry, 2011, 43, 63-69.	8.8	53
3	Comparison of soil organic matter composition after incubation with maize leaves, roots, and stems. Geoderma, 2013, 192, 86-96.	5.1	50
4	Litter composition has stronger influence on the structure of soil fungal than bacterial communities. European Journal of Soil Biology, 2020, 98, 103190.	3.2	27
5	Life cycle assessment of corn stover production for cellulosic ethanol in Quebec. Canadian Journal of Soil Science, 2011, 91, 997-1012.	1.2	26
6	Transforming plant carbon into soil carbon: Process-level controls on carbon sequestration. Canadian Journal of Plant Science, 2014, 94, 1065-1073.	0.9	25
7	Photodegradation effects on CO2 emissions from litter and SOM and photo-facilitation of microbial decomposition in a California grassland. Soil Biology and Biochemistry, 2015, 91, 40-49.	8.8	25
8	Crop residue chemistry, decomposition rates, and CO2 evolution in Bt and non-Bt corn agroecosystems in North America: a review. Nutrient Cycling in Agroecosystems, 2010, 87, 277-293.	2.2	21
9	Warming effects on carbon dynamics and microbial communities in soils of diverse texture. Soil Biology and Biochemistry, 2020, 140, 107631.	8.8	19
10	Field-Grown Bt and non-Bt Corn: Yield, Chemical Composition, and Decomposability. Agronomy Journal, 2011, 103, 486-493.	1.8	18
11	Soil bacteria and archaea found in long-term corn ( <i>Zea mays</i> L.) agroecosystems in Quebec, Canada. Canadian Journal of Soil Science, 2013, 93, 45-57.	1.2	12
12	Temperature response of plant residue and soil organic matter decomposition in soil from different depths. European Journal of Soil Science, 2018, 69, 325-335.	3.9	12
13	The environmental and economic efficacy of on-farm beneficial management practices for mitigating soil-related greenhouse gas emissions in Ontario, Canada. Renewable Agriculture and Food Systems, 2021, 36, 307-320.	1.8	10
14	Warming effects on the structure of bacterial and fungal communities in diverse soils. Applied Soil Ecology, 2021, 163, 103973.	4.3	9
15	Organic Carbon Convergence in Diverse Soils toward Steady State: A 21‥ear Field Bioassay. Soil Science Society of America Journal, 2016, 80, 1653-1662.	2.2	8
16	European corn borer injury effects on lignin, carbon and nitrogen in corn tissues. Plant and Soil, 2011, 341, 165-177.	3.7	7