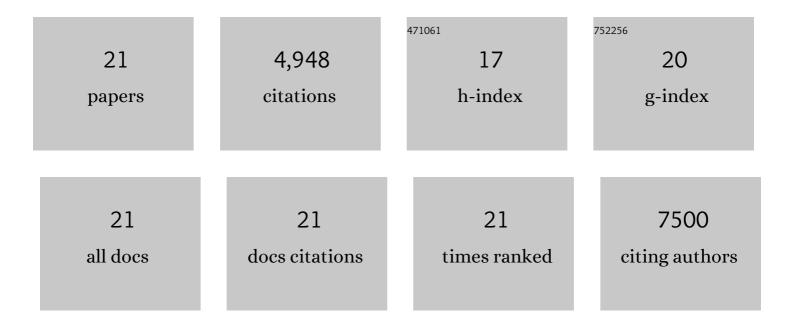
## Deborah A Bossio

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3495112/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Global carbon sequestration potential of agroforestry and increased tree cover on agricultural land. Circular Agricultural Systems, 2022, 2, 1-10.	0.5	9
2	The role of soil carbon sequestration in enhancing human resilience in tackling global crises including pandemics. Soil Security, 2022, 8, 100069.	1.2	6
3	Perceptions of naturalness predict US public support for Soil Carbon Storage as a climate solution. Climatic Change, 2021, 166, 1.	1.7	15
4	Dynamic Stability of Soil Carbon: Reassessing the "Permanence―of Soil Carbon Sequestration. Frontiers in Environmental Science, 2020, 8, .	1.5	80
5	Towards a global-scale soil climate mitigation strategy. Nature Communications, 2020, 11, 5427.	5.8	302
6	The concept and future prospects of soil health. Nature Reviews Earth & Environment, 2020, 1, 544-553.	12.2	486
7	The role of soil carbon in natural climate solutions. Nature Sustainability, 2020, 3, 391-398.	11.5	571
8	We need both natural and energy solutions to stabilize our climate. Global Change Biology, 2019, 25, 1889-1890.	4.2	44
9	A global agenda for collective action on soil carbon. Nature Sustainability, 2019, 2, 2-4.	11.5	62
10	Global Sequestration Potential of Increased Organic Carbon in Cropland Soils. Scientific Reports, 2017, 7, 15554.	1.6	268
11	Response to the discussion letter of Lassaletta and Aguilera "soil carbon sequestration is a climate stabilization wedge: Comments on Sommer and Bossio (2014)â€: Journal of Environmental Management, 2015, 153, 132-133.	3.8	0
12	Dynamics and climate change mitigation potential of soil organic carbon sequestration. Journal of Environmental Management, 2014, 144, 83-87.	3.8	122
13	Managing water by managing land: Addressing land degradation to improve water productivity and rural livelihoods. Agricultural Water Management, 2010, 97, 536-542.	2.4	136
14	Smart Investments in Sustainable Food Production: Revisiting Mixed Crop-Livestock Systems. Science, 2010, 327, 822-825.	6.0	633
15	Climate change mitigation: A spatial analysis of global land suitability for clean development mechanism afforestation and reforestation. Agriculture, Ecosystems and Environment, 2008, 126, 67-80.	2.5	845
16	Climate change mitigation through afforestation/reforestation: A global analysis of hydrologic impacts with four case studies. Agriculture, Ecosystems and Environment, 2008, 126, 81-97.	2.5	172
17	Resource-Conserving Agriculture Increases Yields in Developing Countries. Environmental Science & Technology, 2006, 40, 1114-1119.	4.6	436
18	Alteration of soil microbial communities and water quality in restored wetlands. Soil Biology and Biochemistry, 2006, 38, 1223-1233.	4.2	152

#	Article	IF	CITATIONS
19	Soil Microbial Community Response to Land Use Change in an Agricultural Landscape of Western Kenya. Microbial Ecology, 2005, 49, 50-62.	1.4	206
20	Methane pool and flux dynamics in a rice field following straw incorporation. Soil Biology and Biochemistry, 1999, 31, 1313-1322.	4.2	118
21	Impact of carbon and flooding on the metabolic diversity of microbial communities in soils. Applied and Environmental Microbiology, 1995, 61, 4043-4050.	1.4	285