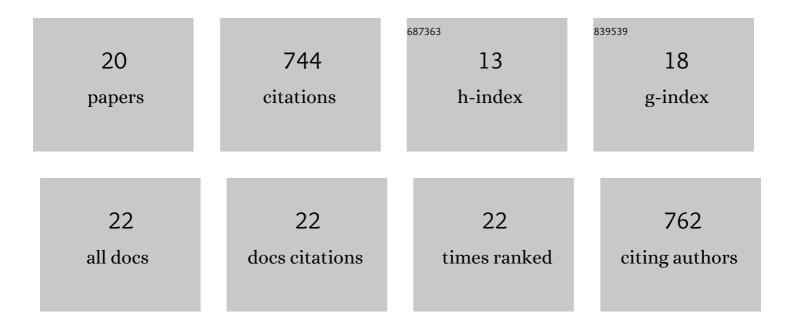
## Steffen A Schweizer

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6935881/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Responses of soil organic carbon, aggregate diameters, and hydraulic properties to longâ€term organic and conventional farming on a Vertisol in India. Land Degradation and Development, 2022, 33, 785-797.	3.9	3
2	Valuable phosphorus retained by ironstone gravels can be measured as bicarbonate extractable P. Geoderma, 2022, 418, 115862.	5.1	0
3	Explicit spatial modeling at the pore scale unravels the interplay of soil organic carbon storage and structure dynamics. Global Change Biology, 2022, 28, 4589-4604.	9.5	16
4	Susceptibility of new soil organic carbon to mineralization during dry-wet cycling in soils from contrasting ends of a precipitation gradient. Soil Biology and Biochemistry, 2022, 169, 108681.	8.8	11
5	Perspectives from the Fritzâ€Scheffer Awardee 2021: Soil organic matter storage and functions determined by patchy and piledâ€up arrangements at the microscale. Journal of Plant Nutrition and Soil Science, 2022, 185, 694-706.	1.9	13
6	Wet sieving versus dry crushing: Soil microaggregates reveal different physical structure, bacterial diversity and organic matter composition in a clay gradient. European Journal of Soil Science, 2021, 72, 810-828.	3.9	31
7	Particulate organic matter as a functional soil component for persistent soil organic carbon. Nature Communications, 2021, 12, 4115.	12.8	225
8	The role of clay content and mineral surface area for soil organic carbon storage in an arable toposequence. Biogeochemistry, 2021, 156, 401-420.	3.5	50
9	Subsoil organo-mineral associations under contrasting climate conditions. Geochimica Et Cosmochimica Acta, 2020, 270, 244-263.	3.9	46
10	Earthworm mucus contributes to the formation of organo-mineral associations in soil. Soil Biology and Biochemistry, 2020, 145, 107785.	8.8	43
11	Soil microaggregate size composition and organic matter distribution as affected by clay content. Geoderma, 2019, 355, 113901.	5.1	86
12	Initial microaggregate formation: Association of microorganisms to montmorillonite-goethite aggregates under wetting and drying cycles. Geoderma, 2019, 351, 250-260.	5.1	33
13	Rapid soil formation after glacial retreat shaped by spatial patterns of organic matter accrual in microaggregates. Global Change Biology, 2018, 24, 1637-1650.	9.5	48
14	Impact of organic and conventional farming systems on wheat grain uptake and soil bioavailability of zinc and cadmium. Science of the Total Environment, 2018, 639, 608-616.	8.0	24
15	Microaggregate stability and storage of organic carbon is affected by clay content in arable Luvisols. Soil and Tillage Research, 2018, 182, 123-129.	5.6	50
16	Soil structure breakdown following land use change from forest to maize in Northwest Vietnam. Soil and Tillage Research, 2017, 166, 10-17.	5.6	25
17	Legacy of Rice Roots as Encoded in Distinctive Microsites of Oxides, Silicates, and Organic Matter. Soils, 2017, 1, 2.	1.0	12
18	Comparing the physiochemical parameters of three celluloses reveals new insights into substrate suitability for fungal enzyme production. Fungal Biology and Biotechnology, 2017, 4, 10.	5.1	9

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#	ARTICLE	IF	CITATIONS
19	Agriculture and Food 2050: Visions to Promote Transformation Driven by Science and Society. Journal of Agricultural and Environmental Ethics, 2015, 28, 497-516.	1.7	18

20 The ethical matrix as an instrument for teaching and evaluation. , 2012, , 511-516.