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List of Publications by Year
in descending order

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Version: 2024-02-01

29	1,612	394286	434063
papers	citations	19 h-index	31 g-index

39	39	39	1823
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Can N₂O emissions offset the benefits from soil organic carbon storage?. Global Change Biology, 2021, 27, 237-256.	4.2	174
2	Root functional parameters along a landâ€use gradient: evidence of a communityâ€level economics spectrum. Journal of Ecology, 2015, 103, 361-373.	1.9	166
3	Increased soil organic carbon stocks under agroforestry: A survey of six different sites in France. Agriculture, Ecosystems and Environment, 2017, 236, 243-255.	2.5	158
4	Competition with winter crops induces deeper rooting of walnut trees in a Mediterranean alley cropping agroforestry system. Plant and Soil, 2015, 391, 219-235.	1.8	125
5	Impact of alley cropping agroforestry on stocks, forms and spatial distribution of soil organic carbon â€" A case study in a Mediterranean context. Geoderma, 2015, 259-260, 288-299.	2.3	121
6	The 4 per 1000 goal and soil carbon storage under agroforestry and conservation agriculture systems in sub-Saharan Africa. Soil and Tillage Research, 2019, 188, 16-26.	2.6	96
7	Revisiting IPCC Tier 1 coefficients for soil organic and biomass carbon storage in agroforestry systems. Environmental Research Letters, 2018, 13, 124020.	2.2	79
8	Reductions in water, soil and nutrient losses and pesticide pollution in agroforestry practices: a review of evidence and processes. Plant and Soil, 2020, 453, 45-86.	1.8	70
9	A global overview of studies about land management, landâ€use change, and climate change effects on soil organic carbon. Global Change Biology, 2022, 28, 1690-1702.	4.2	69
10	High organic inputs explain shallow and deep SOC storage in aÂlong-term agroforestry system â€" combining experimental and modeling approaches. Biogeosciences, 2018, 15, 297-317.	1.3	66
11	Prediction of soil organic carbon stock using visible and near infrared reflectance spectroscopy (VNIRS) in the field. Geoderma, 2016, 261, 151-159.	2.3	55
12	Unexpected phenology and lifespan of shallow and deep fine roots of walnut trees grown in a silvoarable Mediterranean agroforestry system. Plant and Soil, 2016, 401, 409-426.	1.8	54
13	Soil organic carbon sequestration in temperate agroforestry systems â€" A meta-analysis. Agriculture, Ecosystems and Environment, 2022, 323, 107689.	2.5	50
14	Spatial variation of earthworm communities and soil organic carbon in temperate agroforestry. Biology and Fertility of Soils, 2019, 55, 171-183.	2.3	47
15	Belowground functioning of agroforestry systems: recent advances and perspectives. Plant and Soil, 2020, 453, 1-13.	1.8	44
16	Is priming effect a significant process for long-term SOC dynamics? Analysis of a 52-years old experiment. Biogeochemistry, 2015, 123, 203-219.	1.7	33
17	Productivity and biological N2-fixation in cereal-cowpea intercropping systems in sub-Saharan Africa. A review. Agronomy for Sustainable Development, 2020, 40, 1.	2.2	30
18	Organic carbon decomposition rates with depth and contribution of inorganic carbon to CO₂ emissions under a Mediterranean agroforestry system. European Journal of Soil Science, 2020, 71, 909-923.	1.8	25

#	Article	IF	Citations
19	Growing woody biomass for bioenergy in a tree-based intercropping system in southern Ontario, Canada. Agroforestry Systems, 2012, 86, 279-286.	0.9	24
20	Pathways to persistence: plant root traits alter carbon accumulation in different soil carbon pools. Plant and Soil, 2020, 452, 457-478.	1.8	19
21	Carbon sequestration potential through conservation agriculture in Africa has been largely overestimated. Soil and Tillage Research, 2020, 196, 104300.	2.6	15
22	A wellâ€established fact: Rapid mineralization of organic inputs is an important factor for soil carbon sequestration. European Journal of Soil Science, 2022, 73, .	1.8	15
23	Maize-cowpea intercropping as an ecological intensification option for low input systems in sub-humid Zimbabwe: Productivity, biological N2-fixation and grain mineral content. Field Crops Research, 2021, 263, 108052.	2.3	14
24	Current NPP cannot predict future soil organic carbon sequestration potential. Comment on â€œPhotosynthetic limits on carbon sequestration in croplandsâ€• Geoderma, 2022, 424, 115975.	2.3	13
25	A global database of land management, land-use change and climate change effects on soil organic carbon. Scientific Data, 2022, 9, .	2.4	9
26	Sustaining maize yields and soil carbon following land clearing in the forestâ€“savannah transition zone of West Africa: Results from a 20-year experiment. Field Crops Research, 2022, 275, 108335.	2.3	8
27	Sub-chapter 3.5.3. Soil carbon as an indicator of Mediterranean soil quality. , 2016, , 627-636.		3
28	Comparison of soil organic carbon stocks predicted using visible and near infrared reflectance (VNIR) spectra acquired in situ vs. on sieved dried samples: Synthesis of different studies. Soil Security, 2021, 5, 100024.	1.2	3
29	Bypass and hyperbole in soil science: A perspective from the next generation of soil scientists. European Journal of Soil Science, 2021, 72, 31-34.	1.8	1