Chih-Hsin Cheng

List of Publications by Year
in descending order

18	2,406	933447 10	996975 15
papers	citations	h-index	g-index

22	22	22	2727
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Oxidation of black carbon by biotic and abiotic processes. Organic Geochemistry, 2006, 37, 1477-1488.	1.8	942
2	Natural oxidation of black carbon in soils: Changes in molecular form and surface charge along a climosequence. Geochimica Et Cosmochimica Acta, 2008, 72, 1598-1610.	3.9	733
3	Ageing of black carbon along a temperature gradient. Chemosphere, 2009, 75, 1021-1027.	8.2	245
4	Stability of black carbon in soils across a climatic gradient. Journal of Geophysical Research, 2008, 113, .	3.3	203
5	The effects of woodchip biochar application on crop yield, carbon sequestration and greenhouse gas emissions from soils planted with rice or leaf beet. Journal of the Taiwan Institute of Chemical Engineers, 2013, 44, 1039-1044.	5.3	66
6	Sorption properties for black carbon (wood char) after long term exposure in soils. Organic Geochemistry, 2014, 70, 53-61.	1.8	44
7	Converting leguminous green manure into biochar: changes in chemical composition and C and N mineralization. Geoderma, 2014, 232-234, 581-588.	5.1	40
8	Effects of repeated fires on ecosystem C and N stocks along a fire induced forest/grassland gradient. Journal of Geophysical Research G: Biogeosciences, 2013, 118, 215-225.	3.0	23
9	Biomass carbon accumulation in aging Japanese cedar plantations in Xitou, central Taiwan. , 2013, 54, 60.		21
10	Landslide-induced changes of soil physicochemical properties in Xitou, Central Taiwan. Geoderma, 2016, 265, 187-195.	5.1	20
11	Characteristics of soil CO2 efflux under an invasive species, Moso bamboo, in forests of central Taiwan. Trees - Structure and Function, 2016, 30, 1749-1759.	1.9	17
12	Effects of adjacent land-use types on the distribution of soil organic carbon stocks in the montane area of central Taiwan. , 2016, 57, 32.		16
13	Soil respiration patterns and rates at three Taiwanese forest plantations: dependence on elevation, temperature, precipitation, and litterfall. , 2017, 58, 49.		12
14	Effects of typhoon disturbances on seasonal and interannual patterns of litterfall on coniferous and broadleaf plantations in Xitou, central Taiwan. Journal of Forest Research, 2020, 25, 155-162.	1.4	7
15	Changes in Soil Organic Carbon Concentration and Stock after Forest Regeneration of Agricultural Fields in Taiwan. Forests, 2021, 12, 1222.	2.1	5
16	Tree Species and Stand Density: The Effects on Soil Organic Matter Contents, Decomposability and Susceptibility to Microbial Priming. Forests, 2022, 13, 284.	2.1	5
17	Reduction of Diuron Efficacy with Biochar Amendments. International Journal of Environmental Science and Development, 2016, 7, 480-485.	0.6	3
18	On the Potential of Biochar Soil Amendments as a Sustainable Water Management Strategy. Sustainability, 2022, 14, 7026.	3.2	3