

Chih-Hsin Cheng

List of Publications by Year in descending order

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18
papers

2,406
citations

933447

10
h-index

996975

15
g-index

22
all docs

22
docs citations

22
times ranked

2727
citing authors

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