Dilys S Maccarthy

List of Publications by Year
in descending order

17	422	840119 11	887659 17
papers	citations	h-index	g-index

17	17	17	545
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Impact of Extreme Temperature and Soil Water Stress on the Growth and Yield of Soybean (Glycine) Tj ETQq1 1 0.784314 rgBT /Over	1.4	13
2	Land Cover Changes in Ghana over the Past 24 Years. Sustainability, 2021, 13, 4951.	1.6	16
3	Climate Change Impact and Variability on Cereal Productivity among Smallholder Farmers under Future Production Systems in West Africa. Sustainability, 2021, 13, 5191.	1.6	16
4	A conceptual modelling framework for simulating the impact of soil degradation on maize yield in data-sparse regions of the tropics. Ecological Modelling, 2021, 448, 109525.	1.2	2
5	Integrating Biochar and Inorganic Fertilizer Improves Productivity and Profitability of Irrigated Rice in Ghana, West Africa. Agronomy, 2020, 10, 904.	1.3	16
6	Modelling climate change impacts on maize yields under low nitrogen input conditions in subâ€Saharan Africa. Global Change Biology, 2020, 26, 5942-5964.	4.2	60
7	Kinetics of Carbon Mineralization and Sequestration of Sole and/or Co-amended Biochar and Cattle Manure in a Sandy Soil. Communications in Soil Science and Plant Analysis, 2019, 50, 2593-2609.	0.6	10
8	Sensitivity of Maize Yield in Smallholder Systems to Climate Scenarios in Semi-Arid Regions of West Africa: Accounting for Variability in Farm Management Practices. Agronomy, 2019, 9, 639.	1.3	22
9	Cost-Benefit Analysis of Conventional and Integrated Crop Management for Vegetable Production. International Journal of Vegetable Science, 2018, 24, 597-611.	0.6	7
10	Impacts of 1.5 versus 2.0â€‰Â°C on cereal yields in the West African Sudan Savanna. Environmental Research Letters, 2018, 13, 034014.	2.2	70
11	Evaluating maize yield variability and gaps in two agroecologies in northern Ghana using a crop simulation model. South African Journal of Plant and Soil, 2018, 35, 137-147.	0.4	12
12	Decision support tools for site-specific fertilizer recommendations and agricultural planning in selected countries in sub-Sahara Africa. Nutrient Cycling in Agroecosystems, 2018, 110, 343-359.	1.1	14
13	Assessment of Greenhouse Gas Emissions from Different Land-Use Systems: A Case Study of CO₂ in the Southern Zone of Ghana. Applied and Environmental Soil Science, 2018, 2018, 1-12.	0.8	21
14	Using CERES-Maize and ENSO as Decision Support Tools to Evaluate Climate-Sensitive Farm Management Practices for Maize Production in the Northern Regions of Ghana. Frontiers in Plant Science, 2017, 8, 31.	1.7	50
15	Climate Change Impacts on West African Agriculture: An Integrated Regional Assessment (CIWARA). ICP Series on Climate Change Impacts, Adaptation, and Mitigation, 2015, , 25-73.	0.4	9
16	Modeling nutrient and water productivity of sorghum in smallholder farming systems in a semi-arid region of Ghana. Field Crops Research, 2010, 118, 251-258.	2.3	41
17	Modeling the impacts of contrasting nutrient and residue management practices on grain yield of sorghum (Sorghum bicolor (L.) Moench) in a semi-arid region of Ghana using APSIM. Field Crops Research, 2009, 113, 105-115.	2.3	43