

Dominic Woolf

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2081285/publications.pdf>

Version: 2024-02-01

22
papers

2,774
citations

567247

15
h-index

888047

17
g-index

23
all docs

23
docs citations

23
times ranked

3665
citing authors

#	ARTICLE	IF	CITATIONS
1	Local lignocellulosic biofuel and biochar co-production in Sub-Saharan Africa: The role of feedstock provision in economic viability. <i>Energy Economics</i> , 2021, 93, 105031.	12.1	8
2	Greenhouse Gas Inventory Model for Biochar Additions to Soil. <i>Environmental Science & Technology</i> , 2021, 55, 14795-14805.	10.0	68
3	Land-based measures to mitigate climate change: Potential and feasibility by country. <i>Global Change Biology</i> , 2021, 27, 6025-6058.	9.5	114
4	Biochar in climate change mitigation. <i>Nature Geoscience</i> , 2021, 14, 883-892.	12.9	263
5	Effects of initial microbial biomass abundance on respiration during pine litter decomposition. <i>PLoS ONE</i> , 2020, 15, e0224641.	2.5	7
6	Effects of initial microbial biomass abundance on respiration during pine litter decomposition. , 2020, 15, e0224641.		0
7	Effects of initial microbial biomass abundance on respiration during pine litter decomposition. , 2020, 15, e0224641.		0
8	Effects of initial microbial biomass abundance on respiration during pine litter decomposition. , 2020, 15, e0224641.		0
9	Effects of initial microbial biomass abundance on respiration during pine litter decomposition. , 2020, 15, e0224641.		0
10	Agricultural Productivity and Soil Carbon Dynamics: A Bioeconomic Model. <i>American Journal of Agricultural Economics</i> , 2019, 101, 1021-1046.	4.3	20
11	Biological and thermochemical conversion of human solid waste to soil amendments. <i>Waste Management</i> , 2019, 89, 366-378.	7.4	22
12	Microbial models with minimal mineral protection can explain long-term soil organic carbon persistence. <i>Scientific Reports</i> , 2019, 9, 6522.	3.3	62
13	Land restoration in food security programmes: synergies with climate change mitigation. <i>Climate Policy</i> , 2018, 18, 1260-1270.	5.1	31
14	Priming mechanisms with additions of pyrogenic organic matter to soil. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 238, 329-342.	3.9	42
15	An open-source biomass pyrolysis reactor. <i>Biofuels, Bioproducts and Biorefining</i> , 2017, 11, 945-954.	3.7	19
16	Cover Image, Volume 11, Issue 6. <i>Biofuels, Bioproducts and Biorefining</i> , 2017, 11, i-i.	3.7	0
17	Optimal bioenergy power generation for climate change mitigation with or without carbon sequestration. <i>Nature Communications</i> , 2016, 7, 13160.	12.8	99
18	Organic carbon dynamics in soils with pyrogenic organic matter that received plant residue additions over seven years. <i>Soil Biology and Biochemistry</i> , 2015, 88, 268-274.	8.8	25

#	ARTICLE	IF	CITATIONS
19	Techno-economic assessment of biomass slow pyrolysis into different biochar and methanol concepts. <i>Fuel</i> , 2014, 117, 742-748.	6.4	137
20	Biofuels from Pyrolysis in Perspective: Trade-offs between Energy Yields and Soil-Carbon Additions. <i>Environmental Science & Technology</i> , 2014, 48, 6492-6499.	10.0	58
21	Modelling the long-term response to positive and negative priming of soil organic carbon by black carbon. <i>Biogeochemistry</i> , 2012, 111, 83-95.	3.5	99
22	Sustainable biochar to mitigate global climate change. <i>Nature Communications</i> , 2010, 1, 56.	12.8	1,700