Katherine Todd-Brown

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3884598/publications.pdf

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19	30,150	471509	794594
papers	citations	17 h-index	19 g-index

36	36	36	51646
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Soil Organic Carbon Development and Turnover in Natural and Disturbed Salt Marsh Environments. Geophysical Research Letters, 2021, 48, e2020GL090287.	4.0	12
2	An open-source database for the synthesis of soil radiocarbon data: International Soil Radiocarbon Database (ISRaD) version 1.0. Earth System Science Data, 2020, 12, 61-76.	9.9	48
3	The landscape of soil carbon data: Emerging questions, synergies and databases. Progress in Physical Geography, 2019, 43, 707-719.	3.2	27
4	Networking our science to characterize the state, vulnerabilities, and management opportunities of soil organic matter. Global Change Biology, 2018, 24, e705-e718.	9.5	92
5	Field-warmed soil carbon changes imply high 21st-century modeling uncertainty. Biogeosciences, 2018, 15, 3659-3671.	3.3	38
6	The value of soil respiration measurements for interpreting and modeling terrestrial carbon cycling. Plant and Soil, 2017, 413, 1-25.	3.7	81
7	Transient dynamics of terrestrial carbon storage: mathematical foundation and its applications. Biogeosciences, 2017, 14, 145-161.	3.3	91
8	Responses of two nonlinear microbial models to warming and increased carbon input. Biogeosciences, 2016, 13, 887-902.	3.3	43
9	Transit times and mean ages for nonautonomous and autonomous compartmental systems. Journal of Mathematical Biology, 2016, 73, 1379-1398.	1.9	40
10	Toward more realistic projections of soil carbon dynamics by Earth system models. Global Biogeochemical Cycles, 2016, 30, 40-56.	4.9	343
11	Strong dependence of CO₂ emissions from anthropogenic land cover change on initial land cover and soil carbon parametrization. Global Biogeochemical Cycles, 2015, 29, 1511-1523.	4.9	63
12	Explicitly representing soil microbial processes in Earth system models. Global Biogeochemical Cycles, 2015, 29, 1782-1800.	4.9	286
13	Reply to 'Land unlikely to become large carbon source'. Nature Geoscience, 2015, 8, 893-894.	12.9	4
14	Future productivity and carbon storage limited by terrestrial nutrient availability. Nature Geoscience, 2015, 8, 441-444.	12.9	529
15	Changes in soil organic carbon storage predicted by Earth system models during the 21st century. Biogeosciences, 2014, 11, 2341-2356.	3.3	259
16	Causes of variation in soil carbon simulations from CMIP5 Earth system models and comparison with observations. Biogeosciences, 2013, 10, 1717-1736.	3.3	593
17	A framework for representing microbial decomposition in coupled climate models. Biogeochemistry, 2012, 109, 19-33.	3.5	184
18	Whole-genome association study of bipolar disorder. Molecular Psychiatry, 2008, 13, 558-569.	7.9	642

#	Article	IF	Citations
19	PLINK: A Tool Set for Whole-Genome Association and Population-Based Linkage Analyses. American Journal of Human Genetics, 2007, 81, 559-575.	6.2	26,761