

Elke Eichelmann

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

825
citations

516215

16
h-index

752256

20
g-index

22
all docs

22
docs citations

22
times ranked

1528
citing authors

#	ARTICLE	IF	CITATIONS
1	Field-Scale Assessment of Land and Water Use Change over the California Delta Using Remote Sensing. <i>Remote Sensing</i> , 2018, 10, 889.	1.8	79
2	FLUXNET-CH<sub>4</sub>: a global, multi-ecosystem dataset and analysis of methane seasonality from freshwater wetlands. <i>Earth System Science Data</i> , 2021, 13, 3607-3689.	3.7	79
3	A Biogeochemical Compromise: The High Methane Cost of Sequestering Carbon in Restored Wetlands. <i>Geophysical Research Letters</i> , 2018, 45, 6081-6091.	1.5	75
4	Assessing the carbon and climate benefit of restoring degraded agricultural peat soils to managed wetlands. <i>Agricultural and Forest Meteorology</i> , 2019, 268, 202-214.	1.9	73
5	Outgoing Near-Infrared Radiation From Vegetation Scales With Canopy Photosynthesis Across a Spectrum of Function, Structure, Physiological Capacity, and Weather. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020, 125, e2019JG005534.	1.3	73
6	The effect of land cover type and structure on evapotranspiration from agricultural and wetland sites in the Sacramento-San Joaquin River Delta, California. <i>Agricultural and Forest Meteorology</i> , 2018, 256-257, 179-195.	1.9	72
7	Verification of greenhouse gas emission reductions: the prospect of atmospheric monitoring in polluted areas. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2011, 369, 1906-1924.	1.6	58
8	Evapotranspiration, water use efficiency, and energy partitioning of a mature switchgrass stand. <i>Agricultural and Forest Meteorology</i> , 2016, 217, 108-119.	1.9	47
9	Evaluation of a hierarchy of models reveals importance of substrate limitation for predicting carbon dioxide and methane exchange in restored wetlands. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 145-167.	1.3	42
10	Soil properties and sediment accretion modulate methane fluxes from restored wetlands. <i>Global Change Biology</i> , 2018, 24, 4107-4121.	4.2	34
11	Comparison of carbon budget, evapotranspiration, and albedo effect between the biofuel crops switchgrass and corn. <i>Agriculture, Ecosystems and Environment</i> , 2016, 231, 271-282.	2.5	31
12	Effect of Drought-Induced Salinization on Wetland Methane Emissions, Gross Ecosystem Productivity, and Their Interactions. <i>Ecosystems</i> , 2020, 23, 675-688.	1.6	30
13	A Unique Combination of Aerodynamic and Surface Properties Contribute to Surface Cooling in Restored Wetlands of the Sacramento-San Joaquin Delta, California. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 2072-2090.	1.3	29
14	Impact of Insolation Data Source on Remote Sensing Retrievals of Evapotranspiration over the California Delta. <i>Remote Sensing</i> , 2019, 11, 216.	1.8	22
15	Transpiration and evaporation in a Californian oak-grass savanna: Field measurements and partitioning model results. <i>Agricultural and Forest Meteorology</i> , 2020, 295, 108204.	1.9	20
16	Carbon dioxide exchange dynamics over a mature switchgrass stand. <i>GCB Bioenergy</i> , 2016, 8, 428-442.	2.5	17
17	Evaluation of Density Corrections to Methane Fluxes Measured by Open-Path Eddy Covariance over Contrasting Landscapes. <i>Boundary-Layer Meteorology</i> , 2017, 165, 197-210.	1.2	16
18	A novel approach to partitioning evapotranspiration into evaporation and transpiration in flooded ecosystems. <i>Global Change Biology</i> , 2022, 28, 990-1007.	4.2	9

#	ARTICLE	IF	CITATIONS
19	The challenge of “Depeche Mode” in the fashion industry “ Does the industry have the capacity to become sustainable through circular economic principles, a scoping review. Sustainable Environment, 2021, 7, .	1.2	6
20	Multiscale Assessment of Agricultural Consumptive Water Use in California's Central Valley. Water Resources Research, 2021, 57, e2020WR028876.	1.7	4