Samuel Chamberlain

List of Publications by Year
in descending order

20 papers	1,035 citations	516710 16 h-index	752698 20 g-index
22 all docs	22 docs citations	22 times ranked	2046 citing authors

#	Article	IF	Citations
1	Pleistocene to recent dietary shifts in California condors. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 16707-16711.	7.1	163
2	Rapid, Vehicle-Based Identification of Location and Magnitude of Urban Natural Gas Pipeline Leaks. Environmental Science & Technology, 2017, 51, 4091-4099.	10.0	105
3	Making ecological models adequate. Ecology Letters, 2018, 21, 153-166.	6.4	100
4	A Biogeochemical Compromise: The High Methane Cost of Sequestering Carbon in Restored Wetlands. Geophysical Research Letters, 2018, 45, 6081-6091.	4.0	75
5	Assessing the carbon and climate benefit of restoring degraded agricultural peat soils to managed wetlands. Agricultural and Forest Meteorology, 2019, 268, 202-214.	4.8	73
6	The effect of land cover type and structure on evapotranspiration from agricultural and wetland sites in the Sacramentoâ€“San Joaquin River Delta, California. Agricultural and Forest Meteorology, 2018, 256-257, 179-195.	4.8	72
7	Sourcing methane and carbon dioxide emissions from a small city: Influence of natural gas leakage and combustion. Environmental Pollution, 2016, 218, 102-110.	7.5	38
8	The impact of neogene grassland expansion and aridification on the isotopic composition of continental precipitation. Global Biogeochemical Cycles, 2014, 28, 992-1004.	4.9	37
9	Soil properties and sediment accretion modulate methane fluxes from restored wetlands. Global Change Biology, 2018, 24, 4107-4121.	9.5	34
10	Effect of Drought-Induced Salinization on Wetland Methane Emissions, Gross Ecosystem Productivity, and Their Interactions. Ecosystems, 2020, 23, 675-688.	3.4	30
11	Influence of transient flooding on methane fluxes from subtropical pastures. Journal of Geophysical Research G: Biogeosciences, 2016, 121, 965-977.	3.0	29
12	A Unique Combination of Aerodynamic and Surface Properties Contribute to Surface Cooling in Restored Wetlands of the Sacramentoâ€San Joaquin Delta, California. Journal of Geophysical Research G: Biogeosciences, 2018, 123, 2072-2090.	3.0	29
13	The impact of water management practices on subtropical pasture methane emissions and ecosystem service payments. Ecological Applications, 2017, 27, 1199-1209.	3.8	23
14	Grazing alters net ecosystem C fluxes and the global warming potential of a subtropical pasture. Ecological Applications, 2018, 28, 557-572.	3.8	23
15	Underlying Ecosystem Emissions Exceed Cattle-Emitted Methane from Subtropical Lowland Pastures. Ecosystems, 2015, 18, 933-945.	3.4	18
16	Evaluation of Density Corrections to Methane Fluxes Measured by Open-Path Eddy Covariance over Contrasting Landscapes. Boundary-Layer Meteorology, 2017, 165, 197-210.	2.3	16
17	Biogeography of planktonic and benthic cyanobacteria in coastal waters of the Big Island, Hawai'i. FEMS Microbiology Ecology, 2014, 89, 80-88.	2.7	15
18	Wandering woodpeckers: foray behavior in a social bird. Ecology, 2020, 101, e02943.	3.2	14

#	Article	IF	Citations
19	A novel approach to partitioning evapotranspiration into evaporation and transpiration in flooded ecosystems. Global Change Biology, 2022, 28, 990-1007.	9.5	9
20	Biological Cycling of Mineral Nutrients in a Temperate Forested Shale Catchment. Journal of Geophysical Research G: Biogeosciences, 2018, 123, 3204-3215.	3.0	6