Dominique SerÃ§a

List of Publications by Year
in descending order

22	1,206	516561 16	713332 21
papers	citations	h-index	g-index

34	34	34	2105
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Understanding N2O Emissions in African Ecosystems: Assessments from a Semi-Arid Savanna Grassland in Senegal and Sub-Tropical Agricultural Fields in Kenya. Sustainability, 2020, 12, 8875.	1.6	5
2	Modelling landâ€“atmosphere daily exchanges of NO, NH₃, and CO₂ in a semi-arid grazed ecosystem in Senegal. Biogeosciences, 2019, 16, 2049-2077.	1.3	10
3	Greenhouse Gas Emissions from Freshwater Reservoirs: What Does the Atmosphere See?. Ecosystems, 2018, 21, 1058-1071.	1.6	145
4	First Assessment of Inorganic Nitrogen Deposition Budget Following the Impoundment of a Subtropical Hydroelectric Reservoir (Nam Theun 2, Lao PDR). Journal of Geophysical Research D: Atmospheres, 2018, 123, 12,413-12,428.	1.2	0
5	Identification of spikes associated with local sources in continuous time series of atmospheric CO, CO₂ and CH₄. Atmospheric Measurement Techniques, 2018, 11, 1599-1614.	1.2	31
6	Carbon dioxide emissions from the flat bottom and shallow Nam Theun 2 Reservoir: drawdown area as a neglected pathway to the atmosphere. Biogeosciences, 2018, 15, 1775-1794.	1.3	15
7	Livestock induces strong spatial heterogeneity of soil CO2, N2O and CH4 emissions within a semi-arid sylvo-pastoral landscape in West Africa. Journal of Arid Land, 2017, 9, 210-221.	0.9	18
8	Effect of sporadic destratification, seasonal overturn, and artificial mixing on CH₄ emissions from a subtropical hydroelectric reservoir. Biogeosciences, 2016, 13, 3647-3663.	1.3	17
9	Low methane (CH₄) emissions downstream of a monomictic subtropical hydroelectric reservoir (Nam Theun 2, Lao PDR). Biogeosciences, 2016, 13, 1919-1932.	1.3	23
10	Modelling the effect of soil moisture and organic matter degradation on biogenic NO emissions from soils in Sahel rangeland (Mali). Biogeosciences, 2015, 12, 3253-3272.	1.3	19
11	Physical controls on CH₄ emissions from a newly flooded subtropical freshwater hydroelectric reservoir: Nam Theun 2. Biogeosciences, 2014, 11, 4251-4269.	1.3	51
12	Comparison of static chambers to measure CH4 emissions from soils. Agricultural and Forest Meteorology, 2013, 171-172, 124-136.	1.9	152
13	Photosynthesis-dependent isoprene emission from leaf to planet in a global carbon-chemistry-climate model. Atmospheric Chemistry and Physics, 2013, 13, 10243-10269.	1.9	82
14	A new disjunct eddy-covariance system for BVOC flux measurements â€“ validation on CO₂ and H₂O fluxes. Atmospheric Measurement Techniques, 2012, 5, 3119-3132.	1.2	14
15	Gross CO2 and CH4 emissions from the Nam Ngum and Nam Leuk sub-tropical reservoirs in Lao PDR. Science of the Total Environment, 2011, 409, 5382-5391.	3.9	65
16	Atmospheric composition of West Africa: highlights from the AMMA international program. Atmospheric Science Letters, 2011, 12, 13-18.	0.8	21
17	Impact of Boundary-Layer Processes on Near-Surface Turbulence Within the West African Monsoon. Boundary-Layer Meteorology, 2010, 136, 1-23.	1.2	34
18	Soil NO emissions modelling using artificial neural network. Tellus, Series B: Chemical and Physical Meteorology, 2007, 59, 502-513.	0.8	44

#	Article	IF	Citations
19	Gas transfer velocities of CO2 and CH4 in a tropical reservoir and its river downstream. Journal of Marine Systems, 2007, 66, 161-172.	0.9	204
20	Isoprene and monoterpenes biogenic emissions in France: modeling and impact during a regional pollution episode. Atmospheric Environment, 2004, 38, 3853-3865.	1.9	57
21	Title is missing!. Nutrient Cycling in Agroecosystems, 1997, 48, 91-104.	1.1	45
22	Global inventory of NOx sources. Nutrient Cycling in Agroecosystems, 1997, 48, 51-60.	1.1	141