

Mario Guevara

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7079884/publications.pdf>

Version: 2024-02-01

25
papers

2,880
citations

687363

13
h-index

677142

22
g-index

40
all docs

40
docs citations

40
times ranked

6491
citing authors

#	ARTICLE	IF	CITATIONS
1	SoilGrids250m: Global gridded soil information based on machine learning. PLoS ONE, 2017, 12, e0169748.	2.5	2,385
2	Carbon stocks and soil sequestration rates of tropical riverine wetlands. Biogeosciences, 2015, 12, 3805-3818.	3.3	98
3	No silver bullet for digital soil mapping: country-specific soil organic carbon estimates across Latin America. Soil, 2018, 4, 173-193.	4.9	60
4	Spatial Gap-Filling of ESA CCI Satellite-Derived Soil Moisture Based on Geostatistical Techniques and Multiple Regression. Remote Sensing, 2020, 12, 665.	4.0	41
5	Ecosystem functional diversity and the representativeness of environmental networks across the conterminous United States. Agricultural and Forest Meteorology, 2018, 262, 423-433.	4.8	37
6	Enhancing interoperability to facilitate implementation of REDD+: case study of Mexico. Carbon Management, 2017, 8, 57-65.	2.4	31
7	Downscaling satellite soil moisture using geomorphometry and machine learning. PLoS ONE, 2019, 14, e0219639.	2.5	31
8	Soil Organic Carbon Across Mexico and the Conterminous United States (1991â€“2010). Global Biogeochemical Cycles, 2020, 34, no.	4.9	28
9	Greenness trends and carbon stocks of mangroves across Mexico. Environmental Research Letters, 2019, 14, 075010.	5.2	23
10	Determinants of Above-Ground Biomass and Its Spatial Variability in a Temperate Forest Managed for Timber Production. Forests, 2018, 9, 490.	2.1	18
11	Upscaling soil-atmosphere CO ₂ and CH ₄ fluxes across a topographically complex forested landscape. Agricultural and Forest Meteorology, 2019, 264, 80-91.	4.8	18
12	Optimizing an Environmental Observatory Network Design Using Publicly Available Data. Journal of Geophysical Research G: Biogeosciences, 2019, 124, 1812-1826.	3.0	17
13	CHLSOC: the Chilean Soil Organic Carbon database, a multi-institutional collaborative effort. Earth System Science Data, 2020, 12, 457-468.	9.9	16
14	Gap-free global annual soil moisture: 15â€‰km grids for 1991â€“2018. Earth System Science Data, 2021, 13, 1711-1735.	9.9	12
15	The impact of drought on soil moisture trends across Brazilian biomes. Natural Hazards and Earth System Sciences, 2021, 21, 879-892.	3.6	10
16	Reducing the Uncertainty of Radiata Pine Site Index Maps Using an Spatial Ensemble of Machine Learning Models. Forests, 2021, 12, 77.	2.1	9
17	Baseline of Carbon Stocks in Pinus radiata and Eucalyptus spp. Plantations of Chile. Forests, 2020, 11, 1063.	2.1	8
18	Soil swelling potential across Colorado: A digital soil mapping assessment. Landscape and Urban Planning, 2019, 190, 103599.	7.5	6

#	ARTICLE	IF	CITATIONS
19	Spatial distribution of soil carbon storage in desert shrubland ecosystems of northwest Mexico. Journal of Arid Environments, 2020, 183, 104251.	2.4	6
20	Digital map of the organic carbon profile in the soils of Andalusia, Spain. Ecosistemas, 2017, 26, 80-88.	0.4	6
21	SOMOSPIE: A Modular SOil MOisture SPatial Inference Engine Based on Data-Driven Decisions. , 2019, , .		5
22	Estimation of organic carbon in paramo ecosystem soils in Colombia. Ecosistemas, 2020, 29, .	0.4	5
23	Data analytics for modeling soil moisture patterns across united states ecoclimatic domains. , 2017, , .		2
24	Downscaling satellite soil moisture for landscape applications: A case study in Delaware, USA. Journal of Hydrology: Regional Studies, 2021, 38, 100946.	2.4	2
25	Predicci3n de carbono org3nico en los suelos de M3xico a 1 m de profundidad y 90 m de resoluci3n espacial (1999-2009). Terra Latinoamericana, 0, 39, .	0.3	1