Daniel Jose Vega-Nieva

List of Publications by Year
in descending order

22 papers	315 citations	840776 11 h-index	888059 17 g-index
22 all docs	22 docs citations	22 times ranked	433 citing authors

#	Article	IF	Citations
1	Modeling of Aboveground Biomass with Landsat 8 OLI and Machine Learning in Temperate Forests. Forests, 2020, 11, 11.	2.1	46
2	Predicting forest fire kernel density at multiple scales with geographically weighted regression in Mexico. Science of the Total Environment, 2020, 718, 137313.	8.0	37
3	A modular terrain model for daily variations in machine-specific forest soil trafficability. Canadian Journal of Soil Science, 2009, 89, 93-109.	1.2	33
4	Does forest biomass harvesting for energy reduce fire hazard in the Mediterranean basin? a case study in the Caroig Massif (Eastern Spain). European Journal of Forest Research, 2017, 136, 13-26.	2.5	30
5	Developing a general method for the estimation of the fertility rating parameter of the 3-PG model: application in <i>Eucalyptus globulus</i> plantations in northwestern Spain. Canadian Journal of Forest Research, 2013, 43, 627-636.	1.7	19
6	Near Real-Time Automated Early Mapping of the Perimeter of Large Forest Fires from the Aggregation of VIIRS and MODIS Active Fires in Mexico. Remote Sensing, 2020, 12, 2061.	4.0	18
7	Measuring and Predicting the Slagging of Woody and Herbaceous Mediterranean Biomass Fuels on a Domestic Pellet Boiler. Energy & Fuels, 0, , .	5.1	16
8	Compatible System for Predicting Total and Merchantable Stem Volume over and under Bark, Branch Volume and Whole-Tree Volume of Pine Species. Forests, 2017, 8, 417.	2.1	16
9	The Bioenergetic Potential of Four Oak Species from Northeastern Mexico. Forests, 2019, 10, 869.	2.1	15
10	Modeling the above and belowground biomass of planted and coppiced Eucalyptus globulus stands in NW Spain. Annals of Forest Science, 2015, 72, 967-980.	2.0	12
11	Modeling and Mapping Forest Fire Occurrence from Aboveground Carbon Density in Mexico. Forests, 2019, 10, 402.	2.1	12
12	Individual Tree Diameter and Height Growth Models for 30 Tree Species in Mixed-Species and Uneven-Aged Forests of Mexico. Forests, 2020, 11, 429.	2.1	11
13	Modelling aboveground biomass and fuel load components at stand level in shrub communities in NW Spain. Forest Ecology and Management, 2022, 505, 119926.	3.2	11
14	Temporal patterns of active fire density and its relationship with a satellite fuel greenness index by vegetation type and region in Mexico during 2003â€"2014. Fire Ecology, 2019, 15, .	3.0	10
15	New Experimental Evaluation Strategies Regarding Slag Prediction of Solid Biofuels in Pellet Boilers. Energy & Fuels, 2019, 33, 11985-11995.	5.1	8
16	Evaluating a New Relative Phenological Correction and the Effect of Sentinel-Based Earth Engine Compositing Approaches to Map Fire Severity and Burned Area. Remote Sensing, 2022, 14, 3122.	4.0	5
17	Sintering and Fusibility Risks of Pellet Ash from Different Sources at Different Combustion Temperatures. Energies, 2022, 15, 5026.	3.1	5
18	CaracterizaciÃ³n BioenergÃ©tica de los Residuos de Cosecha de las Principales Especies Forestales del Noroeste de EspaÃ±a. Informacion Tecnologica (discontinued), 2015, 26, 03-12.	0.3	4

#	Article	IF	Citations
19	Desarrollo de ecuaciones alomÃ©tricas de biomasa para la regeneraciÃ³n de cuatro especies en Durango, MÃ©xico. Revista Mexicana De Ciencias Forestales, 2018, 9, .	0.3	4
20	Fuel-Specific Aggregation of Active Fire Detections for Rapid Mapping of Forest Fire Perimeters in Mexico. Forests, 2022, 13, 124.	2.1	2
21	Analysis of Near-Surface Temperature Lapse Rates in Mountain Ecosystems of Northern Mexico Using Landsat-8 Satellite Images and ECOSTRESS. Remote Sensing, 2022, 14, 162.	4.0	1
22	EstimaciÃ³n de parÃ¡metros forestales mediante datos de Sentinel 2A en Pueblo Nuevo, Durango. Revista Mexicana De Ciencias Forestales, 2021, 12, 81-106.	0.3	0