

# Daniel Jose Vega-Nieva

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

315  
citations

840776

11  
h-index

888059

17  
g-index

22  
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22  
docs citations

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times ranked

433  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modelling aboveground biomass and fuel load components at stand level in shrub communities in NW Spain. <i>Forest Ecology and Management</i> , 2022, 505, 119926.	3.2	11
2	Fuel-Specific Aggregation of Active Fire Detections for Rapid Mapping of Forest Fire Perimeters in Mexico. <i>Forests</i> , 2022, 13, 124.	2.1	2
3	Analysis of Near-Surface Temperature Lapse Rates in Mountain Ecosystems of Northern Mexico Using Landsat-8 Satellite Images and ECOSTRESS. <i>Remote Sensing</i> , 2022, 14, 162.	4.0	1
4	Evaluating a New Relative Phenological Correction and the Effect of Sentinel-Based Earth Engine Compositing Approaches to Map Fire Severity and Burned Area. <i>Remote Sensing</i> , 2022, 14, 3122.	4.0	5
5	Sintering and Fusibility Risks of Pellet Ash from Different Sources at Different Combustion Temperatures. <i>Energies</i> , 2022, 15, 5026.	3.1	5
6	Estimaci3n de par3metros forestales mediante datos de Sentinel 2A en Pueblo Nuevo, Durango. <i>Revista Mexicana De Ciencias Forestales</i> , 2021, 12, 81-106.	0.3	0
7	Predicting forest fire kernel density at multiple scales with geographically weighted regression in Mexico. <i>Science of the Total Environment</i> , 2020, 718, 137313.	8.0	37
8	Near Real-Time Automated Early Mapping of the Perimeter of Large Forest Fires from the Aggregation of VIIRS and MODIS Active Fires in Mexico. <i>Remote Sensing</i> , 2020, 12, 2061.	4.0	18
9	Modeling of Aboveground Biomass with Landsat 8 OLI and Machine Learning in Temperate Forests. <i>Forests</i> , 2020, 11, 11.	2.1	46
10	Individual Tree Diameter and Height Growth Models for 30 Tree Species in Mixed-Species and Uneven-Aged Forests of Mexico. <i>Forests</i> , 2020, 11, 429.	2.1	11
11	The Bioenergetic Potential of Four Oak Species from Northeastern Mexico. <i>Forests</i> , 2019, 10, 869.	2.1	15
12	New Experimental Evaluation Strategies Regarding Slag Prediction of Solid Biofuels in Pellet Boilers. <i>Energy &amp; Fuels</i> , 2019, 33, 11985-11995.	5.1	8
13	Temporal patterns of active fire density and its relationship with a satellite fuel greenness index by vegetation type and region in Mexico during 2003-2014. <i>Fire Ecology</i> , 2019, 15, .	3.0	10
14	Modeling and Mapping Forest Fire Occurrence from Aboveground Carbon Density in Mexico. <i>Forests</i> , 2019, 10, 402.	2.1	12
15	Desarrollo de ecuaciones alom3tricas de biomasa para la regeneraci3n de cuatro especies en Durango, M3xico. <i>Revista Mexicana De Ciencias Forestales</i> , 2018, 9, .	0.3	4
16	Does forest biomass harvesting for energy reduce fire hazard in the Mediterranean basin? a case study in the Caroig Massif (Eastern Spain). <i>European Journal of Forest Research</i> , 2017, 136, 13-26.	2.5	30
17	Compatible System for Predicting Total and Merchantable Stem Volume over and under Bark, Branch Volume and Whole-Tree Volume of Pine Species. <i>Forests</i> , 2017, 8, 417.	2.1	16
18	Caracterizaci3n Bioenerg3tica de los Residuos de Cosecha de las Principales Especies Forestales del Noroeste de Espa3a. <i>Informacion Tecnologica (discontinued)</i> , 2015, 26, 03-12.	0.3	4

#	ARTICLE	IF	CITATIONS
19	Modeling the above and belowground biomass of planted and coppiced <i>Eucalyptus globulus</i> stands in NW Spain. <i>Annals of Forest Science</i> , 2015, 72, 967-980.	2.0	12
20	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. <i>Canadian Journal of Forest Research</i> , 2013, 43, 627-636.	1.7	19
21	A modular terrain model for daily variations in machine-specific forest soil trafficability. <i>Canadian Journal of Soil Science</i> , 2009, 89, 93-109.	1.2	33
22	Measuring and Predicting the Slagging of Woody and Herbaceous Mediterranean Biomass Fuels on a Domestic Pellet Boiler. <i>Energy &amp; Fuels</i> , 0, , .	5.1	16