

Álvaro Moreno-Martínez

List of Publications by Year in descending order

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Version: 2024-02-01

94
papers

4,901
citations

136950

32
h-index

98798

67
g-index

110
all docs

110
docs citations

110
times ranked

9416
citing authors

#	ARTICLE	IF	CITATIONS
1	Environment-sensitivity functions for gross primary productivity in light use efficiency models. <i>Agricultural and Forest Meteorology</i> , 2022, 312, 108708.	4.8	27
2	Inferring causal relations from observational long-term carbon and water fluxes records. <i>Scientific Reports</i> , 2022, 12, 1610.	3.3	10
3	Satellite Analyses Unravel the Multi-Decadal Impact of Dam Management on Tropical Floodplain Vegetation. <i>Frontiers in Environmental Science</i> , 2022, 10, .	3.3	3
4	A physiology-based Earth observation model indicates stagnation in the global gross primary production during recent decades. <i>Global Change Biology</i> , 2021, 27, 836-854.	9.5	25
5	A unified vegetation index for quantifying the terrestrial biosphere. <i>Science Advances</i> , 2021, 7, .	10.3	160
6	Deep learning and citizen science enable automated plant trait predictions from photographs. <i>Scientific Reports</i> , 2021, 11, 16395.	3.3	19
7	The global forest above-ground biomass pool for 2010 estimated from high-resolution satellite observations. <i>Earth System Science Data</i> , 2021, 13, 3927-3950.	9.9	123
8	Global Upscaling of the MODIS Land Cover with Google Earth Engine and Landsat Data. , 2021, , .		0
9	Are Remote Sensing Evapotranspiration Models Reliable Across South American Ecoregions?. <i>Water Resources Research</i> , 2021, 57, e2020WR028752.	4.2	17
10	Learning main drivers of crop progress and failure in Europe with interpretable machine learning. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 104, 102574.	2.8	4
11	TRY plant trait database "enhanced coverage and open access. <i>Global Change Biology</i> , 2020, 26, 119-188.	9.5	1,038
12	Multispectral high resolution sensor fusion for smoothing and gap-filling in the cloud. <i>Remote Sensing of Environment</i> , 2020, 247, 111901.	11.0	67
13	Machine learning information fusion in Earth observation: A comprehensive review of methods, applications and data sources. <i>Information Fusion</i> , 2020, 63, 256-272.	19.1	102
14	A global canopy water content product from AVHRR/Metop. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2020, 162, 77-93.	11.1	22
15	Machine Learning Methods for Spatial and Temporal Parameter Estimation. <i>Advances in Computer Vision and Pattern Recognition</i> , 2020, , 5-35.	1.3	1
16	Interpretability of Recurrent Neural Networks in Remote Sensing. , 2020, , .		5
17	Down-Scaling Modis Vegetation Products with Landsat GAP Filled Surface Reflectance in Google Earth Engine. , 2020, , .		1
18	Discovering Differential Equations from Earth Observation Data. , 2020, , .		1

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19	Survey of Aujeszky's Disease Virus in Hunting Dogs from Spain. <i>EcoHealth</i> , 2019, 16, 351-355.	2.0	14
20	Rangeland Productivity Partitioned to Sub-Pixel Plant Functional Types. <i>Remote Sensing</i> , 2019, 11, 1427.	4.0	32
21	Growing stock volume from multi-temporal landsat imagery through google earth engine. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2019, 83, 101913.	2.8	15
22	A multi-dating approach to age-modelling long continental records: The 135 ka El Cañizar de Villarquemado sequence (NE Spain). <i>Quaternary Geochronology</i> , 2019, 54, 101006.	1.4	13
23	The Impact of Culturing the Organ Preservation Fluid on Solid Organ Transplantation: A Prospective Multicenter Cohort Study. <i>Open Forum Infectious Diseases</i> , 2019, 6, ofz180.	0.9	25
24	Satellite data-driven modeling of field scale evapotranspiration in croplands using the MOD16 algorithm framework. <i>Remote Sensing of Environment</i> , 2019, 230, 111201.	11.0	45
25	A climate-sensitive forest model for assessing impacts of forest management in Europe. <i>Environmental Modelling and Software</i> , 2019, 115, 128-143.	4.5	41
26	First representation of the trophic structure and functioning of the Portuguese continental shelf ecosystem: insights into the role of sardine. <i>Marine Ecology - Progress Series</i> , 2019, 617-618, 323-340.	1.9	11
27	Terrestrial primary production for the conterminous United States derived from Landsat 30 m and MODIS 250 m. <i>Remote Sensing in Ecology and Conservation</i> , 2018, 4, 264-280.	4.3	98
28	Efficacy and safety of fosfomycin plus imipenem versus vancomycin for complicated bacteraemia and endocarditis due to methicillin-resistant <i>Staphylococcus aureus</i> : a randomized clinical trial. <i>Clinical Microbiology and Infection</i> , 2018, 24, 673-676.	6.0	14
29	Last deglaciation and Holocene environmental change at high altitude in the Pyrenees: the geochemical and paleomagnetic record from Marboré Lake (N Spain). <i>Journal of Paleolimnology</i> , 2018, 59, 349-371.	1.6	20
30	Retrieval of daily gross primary production over Europe and Africa from an ensemble of SEVIRI/MSG products. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2018, 65, 124-136.	2.8	8
31	Interpolation and Gap Filling of Landsat Reflectance Time Series. , 2018, , .		1
32	A methodology to derive global maps of leaf traits using remote sensing and climate data. <i>Remote Sensing of Environment</i> , 2018, 218, 69-88.	11.0	104
33	Global Estimation of Biophysical Variables from Google Earth Engine Platform. <i>Remote Sensing</i> , 2018, 10, 1167.	4.0	75
34	Regional Crop Gross Primary Productivity and Yield Estimation Using Fused Landsat-MODIS Data. <i>Remote Sensing</i> , 2018, 10, 372.	4.0	92
35	Forest structures across Europe. <i>Geoscience Data Journal</i> , 2017, 4, 17-28.	4.4	24
36	Quantifying water stress effect on daily light use efficiency in Mediterranean ecosystems using satellite data. <i>International Journal of Digital Earth</i> , 2017, 10, 623-638.	3.9	11

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37	Annual Gross Primary Production from Vegetation Indices: A Theoretically Sound Approach. Remote Sensing, 2017, 9, 193.	4.0	16
38	A Dynamic Landsat Derived Normalized Difference Vegetation Index (NDVI) Product for the Conterminous United States. Remote Sensing, 2017, 9, 863.	4.0	167
39	Evaluating the role of land cover and climate uncertainties in computing gross primary production in Hawaiian Island ecosystems. PLoS ONE, 2017, 12, e0184466.	2.5	9
40	Variabilidad de la eficiencia en el uso del carbono a partir de datos MODIS. Revista De Teledeteccion, 2017, , 1.	0.6	2
41	Multitemporal Monitoring of Plant Area Index in the Valencia Rice District with PocketLAI. Remote Sensing, 2016, 8, 202.	4.0	38
42	TIME SERIES ANALYSIS AS A TOOL TO EXAMINATE THE CLIMATE SYSTEM. , 2016, , .		0
43	Intercomparison of instruments for measuring leaf area index over rice. , 2015, , .		2
44	Development of an earth observation processing chain for crop bio-physical parameters at local scale. , 2015, , .		1
45	Mapping Leaf Area Index With a Smartphone and Gaussian Processes. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 2501-2505.	3.1	27
46	Effect of UV-Blocking Plastic Films on Take-Off and Host Plant Finding Ability of Diaphorina citri (Hemiptera: Liviidae). Journal of Economic Entomology, 2015, 108, 245-251.	1.8	21
47	High levels of CD4+ CTLA-4+ Treg cells and CCR5 density in HIV-1-infected patients with visceral leishmaniasis. European Journal of Clinical Microbiology and Infectious Diseases, 2015, 34, 267-275.	2.9	9
48	Daily GPP estimates in Mediterranean ecosystems by combining remote sensing and meteorological data. ISPRS Journal of Photogrammetry and Remote Sensing, 2015, 102, 184-197.	11.1	45
49	Enterococcal endocarditis revisited. Future Microbiology, 2015, 10, 1215-1240.	2.0	32
50	The challenge of West Nile virus in Europe: knowledge gaps and research priorities. Eurosurveillance, 2015, 20, .	7.0	152
51	Noise Reduction and Gap Filling of fAPAR Time Series Using an Adapted Local Regression Filter. Remote Sensing, 2014, 6, 8238-8260.	4.0	49
52	Identification of Ecosystem Functional Types from Coarse Resolution Imagery Using a Self-Organizing Map Approach: A Case Study for Spain. Remote Sensing, 2014, 6, 11391-11419.	4.0	22
53	Development of tuberculosis in human immunodeficiency virus infected patients receiving antiretroviral therapy. International Journal of Tuberculosis and Lung Disease, 2014, 18, 1080-1084.	1.2	13
54	Environmental variables associated with an increased risk of invasive aspergillosis. Clinical Microbiology and Infection, 2014, 20, O939-O945.	6.0	37

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55	Genomic Characterization of Pseudorabies Virus Strains Isolated in Italy. <i>Transboundary and Emerging Diseases</i> , 2014, 61, 334-340.	3.0	23
56	Unusual forms of subacute invasive pulmonary aspergillosis in patients with solid tumors. <i>Journal of Infection</i> , 2014, 69, 387-395.	3.3	16
57	Striatal volume deficits in children with ADHD who present a poor response to methylphenidate. <i>European Child and Adolescent Psychiatry</i> , 2014, 23, 805-812.	4.7	15
58	First look at the physics case of TLEP. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	269
59	Monitoring water stress in Mediterranean semi-natural vegetation with satellite and meteorological data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2014, 26, 246-255.	2.8	12
60	Start of the dry season as a main determinant of inter-annual Mediterranean forest production variations. <i>Agricultural and Forest Meteorology</i> , 2014, 194, 197-206.	4.8	29
61	Proteomic analysis of intestinal mucosa responses to <i>Salmonella enterica</i> serovar typhimurium in naturally infected pig. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2014, 37, 59-67.	1.6	20
62	Vulnerabilidad de la vegetaci3n a la sequAa en EspaAa. <i>Revista De Teledeteccion</i> , 2014, , 29.	0.6	6
63	Estimaci3n de la fAPAR sobre la PenAinsula IbArica a partir de la inversi3n del modelo de transferencia radiativa 4SAIL2. <i>Revista De Teledeteccion</i> , 2014, , 61.	0.6	0
64	Validation of daily global solar irradiation images from MSG over Spain. <i>Renewable Energy</i> , 2013, 60, 332-342.	8.9	34
65	Correlation between response to neoadjuvant chemotherapy and survival in locally advanced breast cancer patients. <i>Annals of Oncology</i> , 2013, 24, 655-661.	1.2	51
66	Viral infections of the central nervous system in Spain: A prospective study. <i>Journal of Medical Virology</i> , 2013, 85, 554-562.	5.0	132
67	Identification of Mammalian Orthoreovirus Type 3 in Italian Bats. <i>Zoonoses and Public Health</i> , 2013, 60, 84-92.	2.2	61
68	Tracking seasonal drought effects on ecosystem light use efficiency in a mediterranean forest using climatic and remote sensing data. , 2012, , .		1
69	Assessment of MODIS imagery to track light-use efficiency in a water-limited Mediterranean pine forest. <i>Remote Sensing of Environment</i> , 2012, 123, 359-367.	11.0	44
70	Pulmonary infections in HIV-infected patients: an update in the 21st century. <i>European Respiratory Journal</i> , 2012, 39, 730-745.	6.7	164
71	Glutathione S-transferase P1 c.313A>G polymorphism could be useful in the prediction of doxorubicin response in breast cancer patients. <i>Annals of Oncology</i> , 2012, 23, 1750-1756.	1.2	33
72	Pandemic influenza A(H1N1) virus infection in solid organ transplant recipients: impact of viral and non-viral co-infection. <i>Clinical Microbiology and Infection</i> , 2012, 18, 67-73.	6.0	76

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73	Mapping daily global solar irradiation over Spain: A comparative study of selected approaches. <i>Solar Energy</i> , 2011, 85, 2072-2084.	6.1	82
74	Low Pathogenicity Avian Influenza in Italy During 2007 and 2008: <i>Epidemiology and Control. Avian Diseases</i> , 2010, 54, 323-328.	1.0	12
75	Neural Models for Rainfall Forecasting. , 2010, , 353-369.		0
76	Effect of food on the antiviral activity of didanosine enteric-coated capsules: a pilot comparative study. <i>HIV Medicine</i> , 2008, 9, 187-191.	2.2	10
77	Association between the Presence of the Panton-Valentine Leukocidin-Encoding Gene and a Lower Rate of Survival among Hospitalized Pulmonary Patients with Staphylococcal Disease. <i>Journal of Clinical Microbiology</i> , 2007, 45, 274-276.	3.9	31
78	The plasma membrane Na ⁺ /Ca ²⁺ exchange inhibitor KB-R7943 is also a potent inhibitor of the mitochondrial Ca ²⁺ uniporter. <i>British Journal of Pharmacology</i> , 2007, 151, 647-654.	5.4	82
79	Efficacy of eprinomectin pour-on in naturally <i>Oestrus ovis</i> infested merino sheep in Extremadura, South-West Spain. <i>Parasitology Research</i> , 2006, 99, 275-280.	1.6	15
80	Upregulation of COX-1 and COX-2 in nasal polyps in cystic fibrosis. <i>Thorax</i> , 2006, 61, 592-596.	5.6	35
81	<i>Staphylococcus lugdunensis</i> infective endocarditis: description of 10 cases and analysis of native valve, prosthetic valve, and pacemaker lead endocarditis clinical profiles. <i>Heart</i> , 2005, 91, e10-e10.	2.9	175
82	Inflammatory response associated with pulmonary complications in non-HIV immunocompromised patients. <i>Thorax</i> , 2004, 59, 1081-1088.	5.6	18
83	Native Valve Endocarditis due to <i>Candida glabrata</i> Treated without Valvular Replacement: A Potential Role for Caspofungin in the Induction and Maintenance Treatment. <i>Clinical Infectious Diseases</i> , 2004, 39, e70-e73.	5.8	39
84	Calcineurin-independent inhibition of mitochondrial Ca ²⁺ uptake by cyclosporin A. <i>British Journal of Pharmacology</i> , 2004, 141, 263-268.	5.4	24
85	The influence of an internal electric field upon protein crystallization using the gel-acupuncture method. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003, 59, 1533-1538.	2.5	43
86	Results in split liver transplantation. <i>Transplantation Proceedings</i> , 2003, 35, 1810-1811.	0.6	6
87	Liver transplantation and transjugular intrahepatic portosystemic shunt. <i>Transplantation Proceedings</i> , 2003, 35, 1869-1870.	0.6	23
88	Mupirocin resistance in methicillin-resistant <i>Staphylococcus aureus</i> clinical isolates in a Spanish hospital. Co-application of multiplex PCR assay and conventional microbiology methods. <i>Diagnostic Microbiology and Infectious Disease</i> , 2002, 43, 123-128.	1.8	28
89	Cacao domestication I: the origin of the cacao cultivated by the Mayas. <i>Heredity</i> , 2002, 89, 380-386.	2.6	292
90	Apoptosis in Ductal Carcinoma in Situ of the Breast. <i>Breast Journal</i> , 2001, 7, 245-248.	1.0	11

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91	Stimulation by thimerosal of histamine-induced Ca ²⁺ release in intact HeLa cells seen with aequorin targeted to the endoplasmic reticulum. <i>Cell Calcium</i> , 2001, 30, 181-190.	2.4	20
92	ALTERNARIOSIS AFTER LIVER TRANSPLANTATION. <i>Transplantation</i> , 2001, 72, 1840-1843.	1.0	20
93	Short and medium effects on the environment of Valencia, Spain, of the chernobyl nuclear plant accident. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1991, 46, 14-21.	2.7	5
94	Inference over radiative transfer models using variational and expectation maximization methods. <i>Machine Learning</i> , 0, , 1.	5.4	2