Ãlvaro Moreno-MartÃnez

List of Publications by Year
in descending order

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	TRY plant trait database â€" enhanced coverage and open access. Global Change Biology, 2020, 26, 119-188.	9.5	1,038
2	Cacao domestication I: the origin of the cacao cultivated by the Mayas. Heredity, 2002, 89, 380-386.	2.6	292
3	First look at the physics case of TLEP. Journal of High Energy Physics, 2014, 2014, 1.	4.7	269
4	Staphylococcus lugdunensis infective endocarditis: description of 10 cases and analysis of native valve, prosthetic valve, and pacemaker lead endocarditis clinical profiles. Heart, 2005, 91, e10-e10.	2.9	175
5	A Dynamic Landsat Derived Normalized Difference Vegetation Index (NDVI) Product for the Conterminous United States. Remote Sensing, 2017, 9, 863.	4.0	167
6	Pulmonary infections in HIV-infected patients: an update in the 21st century. European Respiratory Journal, 2012, 39, 730-745.	6.7	164
7	A unified vegetation index for quantifying the terrestrial biosphere. Science Advances, 2021, 7, .	10.3	160
8	The challenge of West Nile virus in Europe: knowledge gaps and research priorities. Eurosurveillance, 2015, 20, .	7.0	152
9	Viral infections of the central nervous system in Spain: A prospective study. Journal of Medical Virology, 2013, 85, 554-562.	5.0	132
10	The global forest above-ground biomass pool for 2010 estimated from high-resolution satellite observations. Earth System Science Data, 2021, 13, 3927-3950.	9.9	123
11	A methodology to derive global maps of leaf traits using remote sensing and climate data. Remote Sensing of Environment, 2018, 218, 69-88.	11.0	104
12	Machine learning information fusion in Earth observation: A comprehensive review of methods, applications and data sources. Information Fusion, 2020, 63, 256-272.	19.1	102
13	Terrestrial primary production for the conterminous United States derived from Landsat 30 m and <scp>MODIS</scp> 250 m. Remote Sensing in Ecology and Conservation, 2018, 4, 264-280.	4.3	98
14	Regional Crop Gross Primary Productivity and Yield Estimation Using Fused Landsat-MODIS Data. Remote Sensing, 2018, 10, 372.	4.0	92
15	The plasma membrane Na+ /Ca2+ exchange inhibitor KB-R7943 is also a potent inhibitor of the mitochondrial Ca2+ uniporter. British Journal of Pharmacology, 2007, 151, 647-654.	5.4	82
16	Mapping daily global solar irradiation over Spain: A comparative study of selected approaches. Solar Energy, 2011, 85, 2072-2084.	6.1	82
17	Pandemic influenza A(H1N1) virus infection in solid organ transplant recipients: impact of viral and non-viral co-infection. Clinical Microbiology and Infection, 2012, 18, 67-73.	6.0	76
18	Global Estimation of Biophysical Variables from Google Earth Engine Platform. Remote Sensing, 2018, 10, 1167.	4.0	75

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19	Multispectral high resolution sensor fusion for smoothing and gap-filling in the cloud. Remote Sensing of Environment, 2020, 247, 111901.	11.0	67
20	Identification of Mammalian Orthoreovirus Type 3 in Italian Bats. Zoonoses and Public Health, 2013, 60, 84-92.	2.2	61
21	Correlation between response to neoadjuvant chemotherapy and survival in locally advanced breast cancer patients. Annals of Oncology, 2013, 24, 655-661.	1.2	51
22	Noise Reduction and Gap Filling of fAPAR Time Series Using an Adapted Local Regression Filter. Remote Sensing, 2014, 6, 8238-8260.	4.0	49
23	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
24	Satellite data-driven modeling of field scale evapotranspiration in croplands using the MOD16 algorithm framework. Remote Sensing of Environment, 2019, 230, 111201.	11.0	45
25	Assessment of MODIS imagery to track light-use efficiency in a water-limited Mediterranean pine forest. Remote Sensing of Environment, 2012, 123, 359-367.	11.0	44
26	The influence of an internal electric field upon protein crystallization using the gel-acupuncture method. Acta Crystallographica Section D: Biological Crystallography, 2003, 59, 1533-1538.	2.5	43
27	A climate-sensitive forest model for assessing impacts of forest management in Europe. Environmental Modelling and Software, 2019, 115, 128-143.	4.5	41
28	Native Valve Endocarditis due toCandida glabrataTreated without Valvular Replacement: A Potential Role for Caspofungin in the Induction and Maintenance Treatment. Clinical Infectious Diseases, 2004, 39, e70-e73.	5.8	39
29	Multitemporal Monitoring of Plant Area Index in the Valencia Rice District with PocketLAI. Remote Sensing, 2016, 8, 202.	4.0	38
30	Environmental variables associated with an increased risk of invasive aspergillosis. Clinical Microbiology and Infection, 2014, 20, O939-O945.	6.0	37
31	Upregulation of COX-1 and COX-2 in nasal polyps in cystic fibrosis. Thorax, 2006, 61, 592-596.	5.6	35
32	Validation of daily global solar irradiation images from MSG over Spain. Renewable Energy, 2013, 60, 332-342.	8.9	34
33	Glutathione S-transferase P1 c.313AÂ>ÂG polymorphism could be useful in the prediction of doxorubicin response in breast cancer patients. Annals of Oncology, 2012, 23, 1750-1756.	1.2	33
34	Enterococcal endocarditis revisited. Future Microbiology, 2015, 10, 1215-1240.	2.0	32
35	Rangeland Productivity Partitioned to Sub-Pixel Plant Functional Types. Remote Sensing, 2019, 11, 1427.	4.0	32
36	Association between the Presence of the Panton-Valentine Leukocidin-Encoding Gene and a Lower Rate of Survival among Hospitalized Pulmonary Patients with Staphylococcal Disease. Journal of Clinical Microbiology, 2007, 45, 274-276.	3.9	31

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37	Start of the dry season as a main determinant of inter-annual Mediterranean forest production variations. Agricultural and Forest Meteorology, 2014, 194, 197-206.	4.8	29
38	Mupirocin resistance in methicillin-resistant Staphylococcus aureus clinical isolates in a Spanish hospital. Co-application of multiplex PCR assay and conventional microbiology methods. Diagnostic Microbiology and Infectious Disease, 2002, 43, 123-128.	1.8	28
39	Mapping Leaf Area Index With a Smartphone and Gaussian Processes. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 2501-2505.	3.1	27
40	Environment-sensitivity functions for gross primary productivity in light use efficiency models. Agricultural and Forest Meteorology, 2022, 312, 108708.	4.8	27
41	The Impact of Culturing the Organ Preservation Fluid on Solid Organ Transplantation: A Prospective Multicenter Cohort Study. Open Forum Infectious Diseases, 2019, 6, ofz180.	0.9	25
42	A physiologyâ€based Earth observation model indicates stagnation in the global gross primary production during recent decades. Global Change Biology, 2021, 27, 836-854.	9.5	25
43	Calcineurin-independent inhibition of mitochondrial Ca2+ uptake by cyclosporin A. British Journal of Pharmacology, 2004, 141, 263-268.	5.4	24
44	Forest structures across Europe. Geoscience Data Journal, 2017, 4, 17-28.	4.4	24
45	Liver transplantation and transjugular intrahepatic portosystemic shunt. Transplantation Proceedings, 2003, 35, 1869-1870.	0.6	23
46	Genomic Characterization of Pseudorabies Virus Strains Isolated in Italy. Transboundary and Emerging Diseases, 2014, 61, 334-340.	3.0	23
47	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
48	A global canopy water content product from AVHRR/Metop. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 162, 77-93.	11.1	22
49	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
50	Stimulation by thimerosal of histamine-induced Ca2+release in intact HeLa cells seen with aequorin targeted to the endoplasmic reticulum. Cell Calcium, 2001, 30, 181-190.	2.4	20
51	Proteomic analysis of intestinal mucosa responses to Salmonella enterica serovar typhimurium in naturally infected pig. Comparative Immunology, Microbiology and Infectious Diseases, 2014, 37, 59-67.	1.6	20
52	Last deglaciation and Holocene environmental change at high altitude in the Pyrenees: the geochemical and paleomagnetic record from MarborÃ© Lake (N Spain). Journal of Paleolimnology, 2018, 59, 349-371.	1.6	20
53	ALTERNARIOSIS AFTER LIVER TRANSPLANTATION. Transplantation, 2001, 72, 1840-1843.	1.0	20
54	Deep learning and citizen science enable automated plant trait predictions from photographs. Scientific Reports, 2021, 11, 16395.	3.3	19

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55	Inflammatory response associated with pulmonary complications in non-HIV immunocompromised patients. Thorax, 2004, 59, 1081-1088.	5.6	18
56	Are Remote Sensing Evapotranspiration Models Reliable Across South American Ecoregions?. Water Resources Research, 2021, 57, e2020WR028752.	4.2	17
57	Unusual forms of subacute invasive pulmonary aspergillosis in patients with solid tumors. Journal of Infection, 2014, 69, 387-395.	3.3	16
58	Annual Gross Primary Production from Vegetation Indices: A Theoretically Sound Approach. Remote Sensing, 2017, 9, 193.	4.0	16
59	Efficacy of eprinomectin pour-on in naturally Oestrus ovis infested merino sheep in Extremadura, South-West Spain. Parasitology Research, 2006, 99, 275-280.	1.6	15
60	Striatal volume deficits in children with ADHD who present a poor response to methylphenidate. European Child and Adolescent Psychiatry, 2014, 23, 805-812.	4.7	15
61	Growing stock volume from multi-temporal landsat imagery through google earth engine. International Journal of Applied Earth Observation and Geoinformation, 2019, 83, 101913.	2.8	15
62	Efficacy and safety of fosfomycin plus imipenem versus vancomycin for complicated bacteraemia and endocarditis due to methicillin-resistant Staphylococcus aureus: a randomized clinical trial. Clinical Microbiology and Infection, 2018, 24, 673-676.	6.0	14
63	Survey of Aujeszky's Disease Virus in Hunting Dogs from Spain. EcoHealth, 2019, 16, 351-355.	2.0	14
64	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
65	A multi-dating approach to age-modelling long continental records: The 135 ka El Cañizar de Villarquemado sequence (NE Spain). Quaternary Geochronology, 2019, 54, 101006.	1.4	13
66	Low Pathogenicity Avian Influenza in Italy During 2007 and 2008: Epidemiology and Control. Avian Diseases, 2010, 54, 323-328.	1.0	12
67	Monitoring water stress in Mediterranean semi-natural vegetation with satellite and meteorological data. International Journal of Applied Earth Observation and Geoinformation, 2014, 26, 246-255.	2.8	12
68	Apoptosis in Ductal Carcinoma in Situ of the Breast. Breast Journal, 2001, 7, 245-248.	1.0	11
69	Quantifying water stress effect on daily light use efficiency in Mediterranean ecosystems using satellite data. International Journal of Digital Earth, 2017, 10, 623-638.	3.9	11
70	First representation of the trophic structure and functioning of the Portuguese continental shelf ecosystem: insights into the role of sardine. Marine Ecology - Progress Series, 2019, 617-618, 323-340.	1.9	11
71	Effect of food on the antiviral activity of didanosine enteric-coated capsules: a pilot comparative study. HIV Medicine, 2008, 9, 187-191.	2.2	10
72	Inferring causal relations from observational long-term carbon and water fluxes records. Scientific Reports, 2022, 12, 1610.	3.3	10

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73	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
74	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
75	Retrieval of daily gross primary production over Europe and Africa from an ensemble of SEVIRI/MSG products. International Journal of Applied Earth Observation and Geoinformation, 2018, 65, 124-136.	2.8	8
76	Results in split liver transplantation. Transplantation Proceedings, 2003, 35, 1810-1811.	0.6	6
77	Vulnerabilidad de la vegetaciÃ³n a la sequÃa en EspaÃ±a. Revista De Teledeteccion, 2014, , 29.	0.6	6
78	Short and medium effects on the environment of Valencia, Spain, of the chernobyl nuclear plant accident. Bulletin of Environmental Contamination and Toxicology, 1991, 46, 14-21.	2.7	5
79	Interpretability of Recurrent Neural Networks in Remote Sensing. , 2020, , .		5
80	Learning main drivers of crop progress and failure in Europe with interpretable machine learning. International Journal of Applied Earth Observation and Geoinformation, 2021, 104, 102574.	2.8	4
81	Satellite Analyses Unravel the Multi-Decadal Impact of Dam Management on Tropical Floodplain Vegetation. Frontiers in Environmental Science, 2022, 10, .	3.3	3
82	Intercomparison of instruments for measuring leaf area index over rice. , 2015, , .		2
83	Inference over radiative transfer models using variational and expectation maximization methods. Machine Learning, 0, , 1.	5.4	2
84	Variabilidad de la eficiencia en el uso del carbono a partir de datos MODIS. Revista De Teledeteccion, 2017, , 1.	0.6	2
85	Tracking seasonal drought effects on ecosystem light use efficiency in a mediterranean forest using climatic and remote sensing data. , 2012, , .		1
86	Development of an earth observation processing chain for crop bio-physical parameters at local scale. , 2015, , .		1
87	Interpolation and Gap Filling of Landsat Reflectance Time Series. , 2018, , .		1
88	Machine Learning Methods for Spatial and Temporal Parameter Estimation. Advances in Computer Vision and Pattern Recognition, 2020, , 5-35.	1.3	1
89	Down-Scaling Modis Vegetation Products with Landsat GAP Filled Surface Reflectance in Google Earth Engine. , 2020, , .		1
90	Discovering Differential Equations from Earth Observation Data. , 2020, , .		1

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91	Global Upscaling of the MODIS Land Cover with Google Earth Engine and Landsat Data. , 2021, , .		0
92	Neural Models for Rainfall Forecasting. , 2010, , 353-369.		0
93	Estimaciã³n de la fAPAR sobre la Penãnsula Ibã©rica a partir de la inversiã³n del modelo de transferencia radiativa 4SAIL2. Revista De Teledeteccion, 2014, , 61.	0.6	0
94	TIME SERIES ANALYSIS AS A TOOL TO EXAMINATE THE CLIMATE SYSTEM. , 2016, , .		0