

Fernando Casanoves

List of Publications by Citations

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77
papers

6,420
citations

23
h-index

80
g-index

84
ext. papers

8,001
ext. citations

4.5
avg, IF

5.02
L-index

#	Paper	IF	Citations
77	TRY – global database of plant traits. <i>Global Change Biology</i> , 2011 , 17, 2905-2935	11.4	1623
76	The global spectrum of plant form and function. <i>Nature</i> , 2016 , 529, 167-71	50.4	1191
75	Plant trait responses to grazing – global synthesis. <i>Global Change Biology</i> , 2007 , 13, 313-341	11.4	665
74	Plant functional traits and environmental filters at a regional scale. <i>Journal of Vegetation Science</i> , 1998 , 9, 113-122	3.1	551
73	TRY plant trait database - enhanced coverage and open access. <i>Global Change Biology</i> , 2020 , 26, 119-188	11.4	399
72	Diversity enhances carbon storage in tropical forests. <i>Global Ecology and Biogeography</i> , 2015 , 24, 1314-1828	11.4	245
71	Patterns of animal diversity in different forms of tree cover in agricultural landscapes 2006 , 16, 1986-99	11.4	226
70	A multiple-comparisons method based on the distribution of the root node distance of a binary tree. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2002 , 7, 129-142	1.9	218
69	Does functional trait diversity predict above-ground biomass and productivity of tropical forests? Testing three alternative hypotheses. <i>Journal of Ecology</i> , 2015 , 103, 191-201	6	194
68	FDiversity: a software package for the integrated analysis of functional diversity. <i>Methods in Ecology and Evolution</i> , 2011 , 2, 233-237	7.7	164
67	Composition and Dynamics of Functional Groups of Trees During Tropical Forest Succession in Northeastern Costa Rica. <i>Biotropica</i> , 2010 , 42, 31-40	2.3	85
66	Functional biogeography of oceanic islands and the scaling of functional diversity in the Azores. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 13709-14	11.5	77
65	Competition for light in heterogeneous canopies: Application of MAESTRA to a coffee (<i>Coffea arabica</i> L.) agroforestry system. <i>Agricultural and Forest Meteorology</i> , 2013 , 181, 152-169	5.8	63
64	Effects of pasture management on the natural regeneration of neotropical trees. <i>Journal of Applied Ecology</i> , 2007 , 45, 371-380	5.8	60
63	Environmental-economic benefits and trade-offs on sustainably certified coffee farms. <i>Ecological Indicators</i> , 2017 , 79, 330-337	5.8	51
62	Increased light-use efficiency sustains net primary productivity of shaded coffee plants in agroforestry system. <i>Plant, Cell and Environment</i> , 2017 , 40, 1592-1608	8.4	41
61	Evaluation of Multienvironment Trials of Peanut Cultivars. <i>Crop Science</i> , 2005 , 45, crops2005.0018	2.4	36

60	Shrub biomass estimation in the semiarid Chaco forest: a contribution to the quantification of an underrated carbon stock. <i>Annals of Forest Science</i> , 2013 , 70, 515-524	3.1	35
59	Shade Effects on the Dispersal of Airborne Hemileia vastatrix Uredospores. <i>Phytopathology</i> , 2016 , 106, 572-80	3.8	27
58	Disentangling above- and below-ground facilitation drivers in arid environments: the role of soil microorganisms, soil properties and microhabitat. <i>New Phytologist</i> , 2017 , 216, 1236-1246	9.8	26
57	Selection of forest species for the rehabilitation of disturbed soils in oil fields in the Ecuadorian Amazon. <i>Science of the Total Environment</i> , 2016 , 566-567, 761-770	10.2	26
56	Consistency in bird use of tree cover across tropical agricultural landscapes 2014 , 24, 158-68		24
55	Mycoparasitism by Clonostachys byssicola and Clonostachys rosea on Trichoderma spp. from cocoa (Theobroma cacao) and implication for the design of mixed biocontrol agents. <i>Biological Control</i> , 2013 , 67, 317-327	3.8	23
54	Error Variation in Multienvironment Peanut Trials: Within-Trial Spatial Correlation and Between-Trial Heterogeneity. <i>Crop Science</i> , 2005 , 45, 1927-1933	2.4	23
53	Non-destructive estimation of the leaf weight and leaf area in cacao (Theobroma cacao L.). <i>Scientia Horticulturae</i> , 2018 , 229, 19-24	4.1	22
52	More stable productivity of semi natural grasslands than sown pastures in a seasonally dry climate. <i>PLoS ONE</i> , 2012 , 7, e35555	3.7	21
51	Determinants of rain-forest floristic variation on an altitudinal gradient in southern Costa Rica. <i>Journal of Tropical Ecology</i> , 2012 , 28, 463-481	1.3	20
50	Scorpion diversity in two different habitats in the Arid Chaco, Argentina. <i>Journal of Insect Conservation</i> , 2014 , 18, 373-384	2.1	16
49	How climate awareness influences farmers's adaptation decisions in Central America?. <i>Journal of Rural Studies</i> , 2018 , 64, 11-19	4.2	16
48	Timber yield from smallholder agroforestry systems in Nicaragua and Honduras. <i>Agroforestry Systems</i> , 2016 , 90, 207-218	2	14
47	Functional Diversity Indices. <i>SpringerBriefs in Environmental Science</i> , 2012 , 27-51	0.5	14
46	Relationship between environmental variables and surface activity of scorpions in the Arid Chaco ecoregion of Argentina. <i>Invertebrate Biology</i> , 2013 , 132, 145-155	1	14
45	Shade tree Chloroleucon eurycyclum promotes coffee leaf rust by reducing uredospore wash-off by rain. <i>Crop Protection</i> , 2020 , 129, 105038	2.7	13
44	Global transpiration data from sap flow measurements: the SAPFLUXNET database. <i>Earth System Science Data</i> , 2021 , 13, 2607-2649	10.5	13
43	Photosynthesis limitations in cacao leaves under different agroforestry systems in the Colombian Amazon. <i>PLoS ONE</i> , 2018 , 13, e0206149	3.7	13

42	Human pressure on water quality and water yield in the upper Grijalva river basin in the Mexico-Guatemala border. <i>Ecohydrology and Hydrobiology</i> , 2016 , 16, 149-159	2.8	12
41	Determinants of grassland primary production in seasonally-dry silvopastoral systems in Central America. <i>Agroforestry Systems</i> , 2014 , 88, 517-526	2	12
40	Selection of Adequate Species for Degraded Areas by Oil-Exploitation Industry as a Key Factor for Recovery Forest in the Ecuadorian Amazon. <i>Land Degradation and Development</i> , 2016 , 27, 1771-1780	4.4	11
39	Litterfall and nutrient dynamics shift in tropical forest restoration sites after a decade of recovery. <i>Biotropica</i> , 2018 , 50, 491-498	2.3	9
38	Experimental study on survival rates in two arboreal species from the Argentinean Dry Chaco. <i>Forest Ecology and Management</i> , 1998 , 103, 203-210	3.9	9
37	First typology of cacao (<i>Theobroma cacao</i> L.) systems in Colombian Amazonia, based on tree species richness, canopy structure and light availability. <i>PLoS ONE</i> , 2018 , 13, e0191003	3.7	7
36	Recovering from forest-to-pasture conversion: leaf decomposition in Central Amazonia, Brazil. <i>Journal of Tropical Ecology</i> , 2014 , 30, 93-96	1.3	6
35	FDiversity: an Integrated Tool to Estimate and Analyze Functional Diversity. <i>Bulletin of the Ecological Society of America</i> , 2011 , 92, 147-152	0.7	6
34	Populaes de minhocas em sistemas agroflorestais com caf convecional e orgnico. <i>Ciencia E Agrotecnologia</i> , 2008 , 32, 1184-1188	1.6	6
33	Leaf litter stoichiometry affects decomposition rates and nutrient dynamics in tropical forests under restoration in Costa Rica. <i>Restoration Ecology</i> , 2019 , 27, 549-558	3.1	6
32	The effect of different levels of tree cover on milk production in dual-purpose livestock systems in the humid tropics of the Colombian Amazon region. <i>Agroforestry Systems</i> , 2021 , 95, 93-102	2	6
31	Relevance of local knowledge in decision-making and rural innovation: A methodological proposal for leveraging participation of Colombian cocoa producers. <i>Journal of Rural Studies</i> , 2020 , 75, 119-124	4.2	5
30	Caracterizaci y rol de los frutales amaznicos en fincas familiares en las provincias de Sucumbbs y Orellana (Ecuador). <i>Ciencia Tecnologia Agropecuaria</i> , 2018 , 19,	0.4	5
29	Leaf functional traits vary within and across tree species in tropical cloud forest on rock outcrop versus volcanic soil. <i>Journal of Vegetation Science</i> , 2020 , 31, 129-138	3.1	5
28	Altitude and species identity drive leaf litter decomposition rates of ten species on a 2950 m altitudinal gradient in Neotropical rain forests. <i>Biotropica</i> , 2020 , 52, 11-21	2.3	5
27	Concepts and a methodology for evaluating environmental services from trees of small farms in Chiapas, Mxico. <i>Journal of Environmental Management</i> , 2013 , 114, 115-24	7.9	4
26	Factors influencing the abundance of pests in production fields and rates of interception of <i>Dracaena marginata</i> imported from Costa Rica. <i>Journal of Economic Entomology</i> , 2013 , 106, 2027-34	2.2	4
25	Prediction model for sap flow in cacao trees under different radiation intensities in the western Colombian Amazon. <i>Scientific Reports</i> , 2021 , 11, 10512	4.9	4

24	Cacao agroforestry systems improve soil fertility: Comparison of soil properties between forest, cacao agroforestry systems, and pasture in the Colombian Amazon. <i>Agriculture, Ecosystems and Environment</i> , 2021 , 314, 107349	5.7	4
23	Microhabitat use and behavior differ across sex-age classes in the scorpion <i>Brachistosternus ferrugineus</i> (Scorpiones: Bothriuridae). <i>Journal of Arachnology</i> , 2016 , 44, 235-244	1.1	4
22	Uso de la tierra y ambiente local de descomposici3n en el Chaco Semi3rido de C3rdoba, Argentina. <i>Ecologia Austral</i> , 2017 , 27, 326-339	1.9	3
21	Dimensions of social and political capital in interventions to improve household well-being: Implications for coffee-growing areas in southern Colombia. <i>PLoS ONE</i> , 2021 , 16, e0245971	3.7	3
20	Population dynamic and management of <i>Pinus oocarpa</i> and <i>Tabebuia rosea</i> within silvopastoral systems in Central America. <i>Agroforestry Systems</i> , 2017 , 91, 1119-1127	2	2
19	Effects of weed cover composition on insect pest and natural enemy abundance in a field of <i>Dracaena marginata</i> (Asparagales: Asparagaceae) in Costa Rica. <i>Environmental Entomology</i> , 2014 , 43, 320-7	2.1	2
18	Contribution of Livelihoods to the Well-Being of Coffee-Growing Households in Southern Colombia: A Structural Equation Modeling Approach. <i>Sustainability</i> , 2022 , 14, 743	3.6	2
17	Agronomic conditions of cacao cultivation: its relationship with the capitals endowment of Colombian rural households. <i>Agroforestry Systems</i> , 2020 , 94, 2367-2380	2	2
16	Shade and Agronomic Intensification in Coffee Agroforestry Systems: Trade-Off or Synergy?. <i>Frontiers in Sustainable Food Systems</i> , 2021 , 5,	4.8	2
15	Impact of Shrimp Ponds on Mangrove Blue Carbon Stocks in Ecuador. <i>Forests</i> , 2021 , 12, 816	2.8	2
14	Dung Beetle Assemblages Attracted to Cow and Horse Dung: The Importance of Mouthpart Traits, Body Size, and Nesting Behavior in the Community Assembly Process. <i>Life</i> , 2021 , 11,	3	2
13	The positive association between natural vegetation, native coccinellids and functional diversity of aphidophagous coccinellid communities in alfalfa. <i>Insect Conservation and Diversity</i> , 2021 , 14, 464-475	3.8	2
12	Non-Destructive Estimation of the Leaf Weight and Leaf Area in Common Bean. <i>Agronomy</i> , 2022 , 12, 711	3.6	2
11	Effects of production practices on the abundance of quarantine pests in <i>Dracaena marginata</i> in Costa Rican production fields. <i>Journal of Economic Entomology</i> , 2008 , 101, 1779-85	2.2	1
10	Water Use, Leaf Cooling and Carbon Assimilation Efficiency of Heat Resistant Common Beans Evaluated in Western Amazonia.. <i>Frontiers in Plant Science</i> , 2021 , 12, 644010	6.2	1
9	Intraspecific variation in biocontrol traits in <i>Mastrus ridens</i> (Hymenoptera: Ichneumonidae) laboratory populations. <i>BioControl</i> , 2021 , 66, 475-485	2.3	1
8	Cacao cultivation as a livelihood strategy: contributions to the well-being of Colombian rural households. <i>Agriculture and Human Values</i> , 2021 , 40, 1-15	2.7	1
7	Species interactions across trophic levels mediate rainfall effects on dryland vegetation dynamics. <i>Ecological Monographs</i> , 2021 , 91, e01441	9	0

6	Biomass of timber species in Central American secondary forests: Towards climate change mitigation through sustainable timber harvesting. <i>Forest Ecology and Management</i> , 2021 , 496, 119439	3.9	○
5	Above-ground biomass storage potential in primary rain forests managed for timber production in Costa Rica. <i>Forest Ecology and Management</i> , 2021 , 497, 119462	3.9	○
4	Influence of scattered trees in grazing areas on soil properties in the Piedmont region of the Colombian Amazon.. <i>PLoS ONE</i> , 2021 , 16, e0261612	3.7	○
3	Community aggregated traits disclose functional responses to seasonal resource fluctuations and spatial heterogeneity. <i>Journal of Vegetation Science</i> , 2017 , 28, 291-302	3.1	
2	How to Estimate Functional Diversity Indices. <i>SpringerBriefs in Environmental Science</i> , 2012 , 53-95	0.5	
1	How Close Are We to Self-Provisioning? A Look at the Livelihood Strategies of Rural Households in the Southern Andean Region of Colombia. <i>Sustainability</i> , 2022 , 14, 2504	3.6	