

# Fernando Casanoves

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Contribution of Livelihoods to the Well-Being of Coffee-Growing Households in Southern Colombia: A Structural Equation Modeling Approach. <i>Sustainability</i> , <b>2022</b> , 14, 743	3.6	2
76	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> , <b>2022</b> , 14, 2504	3.6	
75	Non-Destructive Estimation of the Leaf Weight and Leaf Area in Common Bean. <i>Agronomy</i> , <b>2022</b> , 12, 711	3.6	2
74	Water Use, Leaf Cooling and Carbon Assimilation Efficiency of Heat Resistant Common Beans Evaluated in Western Amazonia.. <i>Frontiers in Plant Science</i> , <b>2021</b> , 12, 644010	6.2	1
73	Shade and Agronomic Intensification in Coffee Agroforestry Systems: Trade-Off or Synergy?. <i>Frontiers in Sustainable Food Systems</i> , <b>2021</b> , 5,	4.8	2
72	Prediction model for sap flow in cacao trees under different radiation intensities in the western Colombian Amazon. <i>Scientific Reports</i> , <b>2021</b> , 11, 10512	4.9	4
71	Global transpiration data from sap flow measurements: the SAPFLUXNET database. <i>Earth System Science Data</i> , <b>2021</b> , 13, 2607-2649	10.5	13
70	Intraspecific variation in biocontrol traits in <i>Mastrus ridens</i> (Hymenoptera: Ichneumonidae) laboratory populations. <i>BioControl</i> , <b>2021</b> , 66, 475-485	2.3	1
69	Impact of Shrimp Ponds on Mangrove Blue Carbon Stocks in Ecuador. <i>Forests</i> , <b>2021</b> , 12, 816	2.8	2
68	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> , <b>2021</b> , 314, 107349	5.7	4
67	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> , <b>2021</b> , 95, 93-102	2	6
66	Species interactions across trophic levels mediate rainfall effects on dryland vegetation dynamics. <i>Ecological Monographs</i> , <b>2021</b> , 91, e01441	9	0
65	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> , <b>2021</b> , 16, e0245971	3.7	3
64	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> , <b>2021</b> , 11,	3	2
63	Biomass of timber species in Central American secondary forests: Towards climate change mitigation through sustainable timber harvesting. <i>Forest Ecology and Management</i> , <b>2021</b> , 496, 119439	3.9	0
62	Above-ground biomass storage potential in primary rain forests managed for timber production in Costa Rica. <i>Forest Ecology and Management</i> , <b>2021</b> , 497, 119462	3.9	0
61	The positive association between natural vegetation, native coccinellids and functional diversity of aphidophagous coccinellid communities in alfalfa. <i>Insect Conservation and Diversity</i> , <b>2021</b> , 14, 464-475	3.8	2

60	Influence of scattered trees in grazing areas on soil properties in the Piedmont region of the Colombian Amazon.. <i>PLoS ONE</i> , <b>2021</b> , 16, e0261612	3.7	0
59	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> , <b>2020</b> , 75, 119-124	4.2	5
58	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> , <b>2020</b> , 31, 129-138	3.1	5
57	TRY plant trait database - enhanced coverage and open access. <i>Global Change Biology</i> , <b>2020</b> , 26, 119-188	11.4	399
56	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> , <b>2020</b> , 52, 11-21	2.3	5
55	Shade tree <i>Chloroleucon eurycyclum</i> promotes coffee leaf rust by reducing uredospore wash-off by rain. <i>Crop Protection</i> , <b>2020</b> , 129, 105038	2.7	13
54	Agronomic conditions of cacao cultivation: its relationship with the capitals endowment of Colombian rural households. <i>Agroforestry Systems</i> , <b>2020</b> , 94, 2367-2380	2	2
53	Leaf litter stoichiometry affects decomposition rates and nutrient dynamics in tropical forests under restoration in Costa Rica. <i>Restoration Ecology</i> , <b>2019</b> , 27, 549-558	3.1	6
52	Litterfall and nutrient dynamics shift in tropical forest restoration sites after a decade of recovery. <i>Biotropica</i> , <b>2018</b> , 50, 491-498	2.3	9
51	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> , <b>2018</b> , 13, e0191003	3.7	7
50	Caracterizaci3n y rol de los frutales amaz3nicos en fincas familiares en las provincias de Sucumb3os y Orellana (Ecuador). <i>Ciencia Tecnologia Agropecuaria</i> , <b>2018</b> , 19,	0.4	5
49	Non-destructive estimation of the leaf weight and leaf area in cacao ( <i>Theobroma cacao</i> L.). <i>Scientia Horticulturae</i> , <b>2018</b> , 229, 19-24	4.1	22
48	How climate awareness influences farmers's adaptation decisions in Central America?. <i>Journal of Rural Studies</i> , <b>2018</b> , 64, 11-19	4.2	16
47	Photosynthesis limitations in cacao leaves under different agroforestry systems in the Colombian Amazon. <i>PLoS ONE</i> , <b>2018</b> , 13, e0206149	3.7	13
46	Disentangling above- and below-ground facilitation drivers in arid environments: the role of soil microorganisms, soil properties and microhabitat. <i>New Phytologist</i> , <b>2017</b> , 216, 1236-1246	9.8	26
45	Community aggregated traits disclose functional responses to seasonal resource fluctuations and spatial heterogeneity. <i>Journal of Vegetation Science</i> , <b>2017</b> , 28, 291-302	3.1	
44	Environmental-economic benefits and trade-offs on sustainably certified coffee farms. <i>Ecological Indicators</i> , <b>2017</b> , 79, 330-337	5.8	51
43	Increased light-use efficiency sustains net primary productivity of shaded coffee plants in agroforestry system. <i>Plant, Cell and Environment</i> , <b>2017</b> , 40, 1592-1608	8.4	41

42	Population dynamic and management of <i>Pinus oocarpa</i> and <i>Tabebuia rosea</i> within silvopastoral systems in Central America. <i>Agroforestry Systems</i> , <b>2017</b> , 91, 1119-1127	2	2
41	Uso de la tierra y ambiente local de descomposici3n en el Chaco Semi3rido de C3rdoba, Argentina. <i>Ecologia Austral</i> , <b>2017</b> , 27, 326-339	1.9	3
40	Selection of forest species for the rehabilitation of disturbed soils in oil fields in the Ecuadorian Amazon. <i>Science of the Total Environment</i> , <b>2016</b> , 566-567, 761-770	10.2	26
39	Human pressure on water quality and water yield in the upper Grijalva river basin in the Mexico-Guatemala border. <i>Ecohydrology and Hydrobiology</i> , <b>2016</b> , 16, 149-159	2.8	12
38	The global spectrum of plant form and function. <i>Nature</i> , <b>2016</b> , 529, 167-71	50.4	1191
37	Timber yield from smallholder agroforestry systems in Nicaragua and Honduras. <i>Agroforestry Systems</i> , <b>2016</b> , 90, 207-218	2	14
36	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> , <b>2016</b> , 27, 1771-1780	4.4	11
35	Microhabitat use and behavior differ across sex-age classes in the scorpion <i>Brachistosternus ferrugineus</i> (Scorpiones: Bothriuridae). <i>Journal of Arachnology</i> , <b>2016</b> , 44, 235-244	1.1	4
34	Shade Effects on the Dispersal of Airborne <i>Hemileia vastatrix</i> Uredospores. <i>Phytopathology</i> , <b>2016</b> , 106, 572-80	3.8	27
33	Does functional trait diversity predict above-ground biomass and productivity of tropical forests? Testing three alternative hypotheses. <i>Journal of Ecology</i> , <b>2015</b> , 103, 191-201	6	194
32	Diversity enhances carbon storage in tropical forests. <i>Global Ecology and Biogeography</i> , <b>2015</b> , 24, 1314-1328	24.5	
31	Determinants of grassland primary production in seasonally-dry silvopastoral systems in Central America. <i>Agroforestry Systems</i> , <b>2014</b> , 88, 517-526	2	12
30	Scorpion diversity in two different habitats in the Arid Chaco, Argentina. <i>Journal of Insect Conservation</i> , <b>2014</b> , 18, 373-384	2.1	16
29	Consistency in bird use of tree cover across tropical agricultural landscapes <b>2014</b> , 24, 158-68		24
28	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> , <b>2014</b> , 43, 320-7	2.1	2
27	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> , <b>2014</b> , 111, 13709-14	11.5	77
26	Recovering from forest-to-pasture conversion: leaf decomposition in Central Amazonia, Brazil. <i>Journal of Tropical Ecology</i> , <b>2014</b> , 30, 93-96	1.3	6
25	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> , <b>2013</b> , 181, 152-169	5.8	63

24	Concepts and a methodology for evaluating environmental services from trees of small farms in Chiapas, México. <i>Journal of Environmental Management</i> , <b>2013</b> , 114, 115-24	7.9	4
23	Mycoparasitism by <i>Clonostachys byssicola</i> and <i>Clonostachys rosea</i> on <i>Trichoderma</i> spp. from cocoa ( <i>Theobroma cacao</i> ) and implication for the design of mixed biocontrol agents. <i>Biological Control</i> , <b>2013</b> , 67, 317-327	3.8	23
22	Shrub biomass estimation in the semiarid Chaco forest: a contribution to the quantification of an underrated carbon stock. <i>Annals of Forest Science</i> , <b>2013</b> , 70, 515-524	3.1	35
21	Relationship between environmental variables and surface activity of scorpions in the Arid Chaco ecoregion of Argentina. <i>Invertebrate Biology</i> , <b>2013</b> , 132, 145-155	1	14
20	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> , <b>2013</b> , 106, 2027-34	2.2	4
19	Functional Diversity Indices. <i>SpringerBriefs in Environmental Science</i> , <b>2012</b> , 27-51	0.5	14
18	How to Estimate Functional Diversity Indices. <i>SpringerBriefs in Environmental Science</i> , <b>2012</b> , 53-95	0.5	
17	Determinants of rain-forest floristic variation on an altitudinal gradient in southern Costa Rica. <i>Journal of Tropical Ecology</i> , <b>2012</b> , 28, 463-481	1.3	20
16	More stable productivity of semi natural grasslands than sown pastures in a seasonally dry climate. <i>PLoS ONE</i> , <b>2012</b> , 7, e35555	3.7	21
15	FDiversity: a software package for the integrated analysis of functional diversity. <i>Methods in Ecology and Evolution</i> , <b>2011</b> , 2, 233-237	7.7	164
14	TRY â a global database of plant traits. <i>Global Change Biology</i> , <b>2011</b> , 17, 2905-2935	11.4	1623
13	FDiversity: an Integrated Tool to Estimate and Analyze Functional Diversity. <i>Bulletin of the Ecological Society of America</i> , <b>2011</b> , 92, 147-152	0.7	6
12	Composition and Dynamics of Functional Groups of Trees During Tropical Forest Succession in Northeastern Costa Rica. <i>Biotropica</i> , <b>2010</b> , 42, 31-40	2.3	85
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> , <b>2008</b> , 101, 1779-85	2.2	1
10	Populaes de minhocas em sistemas agroflorestais com caf convencional e orgnico. <i>Ciencia E Agrotecnologia</i> , <b>2008</b> , 32, 1184-1188	1.6	6
9	Plant trait responses to grazing â global synthesis. <i>Global Change Biology</i> , <b>2007</b> , 13, 313-341	11.4	665
8	Effects of pasture management on the natural regeneration of neotropical trees. <i>Journal of Applied Ecology</i> , <b>2007</b> , 45, 371-380	5.8	60
7	Patterns of animal diversity in different forms of tree cover in agricultural landscapes <b>2006</b> , 16, 1986-99		226

6	Error Variation in Multienvironment Peanut Trials: Within-Trial Spatial Correlation and Between-Trial Heterogeneity. <i>Crop Science</i> , <b>2005</b> , 45, 1927-1933	2.4	23
5	Evaluation of Multienvironment Trials of Peanut Cultivars. <i>Crop Science</i> , <b>2005</b> , 45, crops2005.0018	2.4	36
4	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> , <b>2002</b> , 7, 129-142	1.9	218
3	Plant functional traits and environmental filters at a regional scale. <i>Journal of Vegetation Science</i> , <b>1998</b> , 9, 113-122	3.1	551
2	Experimental study on survival rates in two arboreal species from the Argentinean Dry Chaco. <i>Forest Ecology and Management</i> , <b>1998</b> , 103, 203-210	3.9	9
1	Cacao cultivation as a livelihood strategy: contributions to the well-being of Colombian rural households. <i>Agriculture and Human Values</i> , 1	2.7	1