Rosa Maria Roman-Cuesta

List of Publications by Year
in descending order

32 papers	2,300 citations	279487 23 h-index	433756 31 g-index
32 all docs	32 docs citations	32 times ranked	4942 citing authors

#	Article	IF	Citations
1	Spatial patterns and fire response of recent Amazonian droughts. Geophysical Research Letters, 2007, 34, .	1.5	399
2	Reducing emissions from agriculture to meet the 2ÂÂ°C target. Global Change Biology, 2016, 22, 3859-3864.	4.2	267
3	An expert system model for mapping tropical wetlands and peatlands reveals South America as the largest contributor. Global Change Biology, 2017, 23, 3581-3599.	4.2	236
4	The sensitivity of tropical leaf litter decomposition to temperature: results from a largeâ€scale leaf translocation experiment along an elevation gradient in Peruvian forests. New Phytologist, 2011, 189, 967-977.	3.5	166
5	A framework for integrating biodiversity concerns into national REDD+ programmes. Biological Conservation, 2012, 154, 61-71.	1.9	138
6	Options for monitoring and estimating historical carbon emissions from forest degradation in the context of REDD+. Carbon Balance and Management, 2011, 6, 13.	1.4	109
7	Analysis of lacunarity and scales of spatial homogeneity in IKONOS images of Amazonian tropical forest canopies. Remote Sensing of Environment, 2008, 112, 2074-2087.	4.6	69
8	ENVIRONMENTAL AND HUMAN FACTORS INFLUENCING FIRE TRENDS IN ENSO AND NON-ENSO YEARS IN TROPICAL MEXICO. , 2003, 13, 1177-1192.		68
9	Factors influencing the formation of unburned forest islands within the perimeter of a large forest fire. Forest Ecology and Management, 2009, 258, 71-80.	1.4	62
10	Can tropical farmers reconcile subsistence needs with forest conservation?. Frontiers in Ecology and the Environment, 2009, 7, 548-554.	1.9	61
11	Cost-effective compensation to avoid carbon emissions from forest loss: An approach to consider priceâ€“quantity effects and risk-aversion. Ecological Economics, 2011, 70, 1139-1153.	2.9	60
12	Characterising fire spatial pattern interactions with climate and vegetation in Colombia. Agricultural and Forest Meteorology, 2011, 151, 279-289.	1.9	59
13	Reviews and syntheses: An empirical spatiotemporal description of the global surfaceâ€“atmosphere carbon fluxes: opportunities and data limitations. Biogeosciences, 2017, 14, 3685-3703.	1.3	58
14	Implications of fires on carbon budgets in Andean cloud montane forest: The importance of peat soils and tree resprouting. Forest Ecology and Management, 2011, 261, 1987-1997.	1.4	56
15	Effectiveness of Protected Areas in Mitigating Fire within Their Boundaries: Case Study of Chiapas, Mexico. Conservation Biology, 2006, 20, 1074-1086.	2.4	51
16	Pacific and Atlantic oceanic anomalies and their interaction with rainfall and fire in Bolivian biomes for the period 1992â€“2012. Climatic Change, 2014, 127, 243-256.	1.7	50
17	Using learning networks to understand complex systems: a case study of biological, geophysical and social research in the Amazon. Biological Reviews, 2011, 86, 457-474.	4.7	39
18	Synchronous fire activity in the tropical high Andes: an indication of regional climate forcing. Global Change Biology, 2014, 20, 1929-1942.	4.2	37

#	Article	IF	Citations
19	Scenarios in tropical forest degradation: carbon stock trajectories for REDD+. Carbon Balance and Management, 2017, 12, 6.	1.4	34
20	Forest diversity plays a key role in determining the stand carbon stocks of Mexican forests. Forest Ecology and Management, 2018, 415-416, 160-171.	1.4	34
21	Land Restoration in Latin America and the Caribbean: An Overview of Recent, Ongoing and Planned Restoration Initiatives and Their Potential for Climate Change Mitigation. Forests, 2019, 10, 510.	0.9	33
22	How can ecologists help realise the potential of payments for carbon in tropical forest countries?. Journal of Applied Ecology, 2010, 47, 1159-1165.	1.9	32
23	Hotspots of gross emissions from the land use sector: patterns, uncertainties, and leading emission sources for the period 2000â€“2005 in the tropics. Biogeosciences, 2016, 13, 4253-4269.	1.3	29
24	How can climate policy benefit from comprehensive landâ€use approaches?. Frontiers in Ecology and the Environment, 2012, 10, 438-445.	1.9	28
25	Space-time detection of deforestation, forest degradation and regeneration in montane forests of Eastern Tanzania. International Journal of Applied Earth Observation and Geoinformation, 2020, 88, 102063.	1.4	26
26	Independent data for transparent monitoring of greenhouse gas emissions from the land use sector â€“ What do stakeholders think and need?. Environmental Science and Policy, 2018, 85, 101-112.	2.4	22
27	Comparison of burnt area estimates derived from satellite products and national statistics in Europe. International Journal of Remote Sensing, 2012, 33, 3653-3671.	1.3	20
28	Fire effects and ecological recovery pathways of tropical montane cloud forests along a time chronosequence. Global Change Biology, 2018, 24, 758-772.	4.2	16
29	Editorial: Tropical Montane Forests in a Changing Environment. Frontiers in Plant Science, 2021, 12, 712748.	1.7	14
30	Aboveground biomass in secondary montane forests in Peru: Slow carbon recovery in agroforestry legacies. Global Ecology and Conservation, 2021, 28, e01696.	1.0	11
31	Multi-gas and multi-source comparisons of six land use emission datasets and AFOLU estimates in the Fifth Assessment Report, for the tropics for 2000â€“2005. Biogeosciences, 2016, 13, 5799-5819.	1.3	8
32	Assessing audit impact and thoroughness of VCS forest carbon offset projects. Environmental Science and Policy, 2017, 78, 121-141.	2.4	8