Gabriela Lopez-Gonzalez

List of Publications by Citations

31 papers	6,122 citations	26 h-index	35 g-index
35 ext. papers	7,517 ext. citations	12.6 avg, IF	3.83 L-index

#	Paper	IF	Citations
31	Drought sensitivity of the Amazon rainforest. *Science*, **2009**, 323, 1344-7	33.3	1213
30	Increasing carbon storage in intact African tropical forests. *Nature*, **2009**, 457, 1003-6	50.4	714
29	Hyperdominance in the Amazonian tree flora. *Science*, **2013**, 342, 1243092	33.3	637
28	Drought-mortality relationships for tropical forests. *New Phytologist*, **2010**, 187, 631-46	9.8	400
27	TRY plant trait database - enhanced coverage and open access. *Global Change Biology*, **2020**, 26, 119-188	11.4	399
26	An integrated pan-tropical biomass map using multiple reference datasets. *Global Change Biology*, **2016**, 22, 1406-20	11.4	358
25	Markedly divergent estimates of Amazon forest carbon density from ground plots and satellites. *Global Ecology and Biogeography*, **2014**, 23, 935-946	6.1	205
24	Above-ground biomass and structure of 260 African tropical forests. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2013**, 368, 20120295	5.8	204
23	Asynchronous carbon sink saturation in African and Amazonian tropical forests. *Nature*, **2020**, 579, 80-87	50.4	202
22	The Global Index of Vegetation-Plot Databases (GIVD): a new resource for vegetation science. *Journal of Vegetation Science*, **2011**, 22, 582-597	3.1	178
21	Diversity and carbon storage across the tropical forest biome. *Scientific Reports*, **2017**, 7, 39102	4.9	177
20	Compositional response of Amazon forests to climate change. *Global Change Biology*, **2019**, 25, 39-56	11.4	158
19	Hyperdominance in Amazonian forest carbon cycling. *Nature Communications*, **2015**, 6, 6857	17.4	157
18	Size and frequency of natural forest disturbances and the Amazon forest carbon balance. *Nature Communications*, **2014**, 5, 3434	17.4	128
17	ForestPlots.net: a web application and research tool to manage and analyse tropical forest plot data. *Journal of Vegetation Science*, **2011**, 22, 610-613	3.1	126
16	sPlot A new tool for global vegetation analyses. *Journal of Vegetation Science*, **2019**, 30, 161-186	3.1	96
15	Seasonal drought limits tree species across the Neotropics. *Ecography*, **2017**, 40, 618-629	6.5	93

14	Long-term thermal sensitivity of Earthɔs tropical forests. *Science*, **2020**, 368, 869-874	33.3	92
13	Species Distribution Modelling: Contrasting presence-only models with plot abundance data. *Scientific Reports*, **2018**, 8, 1003	4.9	78
12	Long-term carbon sink in Borneoɔs forests halted by drought and vulnerable to edge effects. *Nature Communications*, **2017**, 8, 1966	17.4	77
11	Disequilibrium and hyperdynamic tree turnover at the forest□errado transition zone in southern Amazonia. *Plant Ecology and Diversity*, **2014**, 7, 281-292	2.2	70
10	Methods to estimate aboveground wood productivity from long-term forest inventory plots. *Forest Ecology and Management*, **2014**, 320, 30-38	3.9	62
9	Tropical forest wood production: a cross-continental comparison. *Journal of Ecology*, **2014**, 102, 1025-1037		58
8	Phylogenetic diversity of Amazonian tree communities. *Diversity and Distributions*, **2015**, 21, 1295-1307	5	56
7	Field methods for sampling tree height for tropical forest biomass estimation. *Methods in Ecology and Evolution*, **2018**, 9, 1179-1189	7.7	53
6	Fast demographic traits promote high diversification rates of Amazonian trees. *Ecology Letters*, **2014**, 17, 527-36	10	48
5	Tree mode of death and mortality risk factors across Amazon forests. *Nature Communications*, **2020**, 11, 5515	17.4	24
4	The persistence of carbon in the African forest understory. *Nature Plants*, **2019**, 5, 133-140	11.5	19
3	Shifting dynamics of climate-functional groups in old-growth Amazonian forests. *Plant Ecology and Diversity*, **2014**, 7, 267-279	2.2	18
2	Evolutionary diversity is associated with wood productivity in Amazonian forests. *Nature Ecology and Evolution*, **2019**, 3, 1754-1761	12.3	17
1	Din□mica, biomasa a□ea y composici□ flor□stica en parcelas permanentes Reserva Nacional Tambopata, Madre de Dios, Per□ *Revista Peruana De Biologia*, **2014**, 21,	1.2	4