Guillaume Cornu

List of Publications by Year
in descending order

27	937	516710 16	552781 26
papers	citations	h-index	g-index

27	27	27	1857
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	How wildfires increase sensitivity of Amazon forests to droughts. Environmental Research Letters, 2022, 17, 044031.	5.2	6
2	Macrotermes termite mounds influence the spatial pattern of tree species in two African rainforest sites, in northern Congo. But were they really forests in the past?. Journal of Tropical Ecology, 2022, 38, 267-274.	1.1	1
3	Unveiling African rainforest composition and vulnerability to global change. Nature, 2021, 593, 90-94.	27.8	53
4	Assessing the Causes of Tropical Forest Degradation Using Landsat Time Series: A Case Study in the Brazilian Amazon. , 2021, , .		1
5	Component-based regularization of a multivariate GLM with a thematic partitioning of the explanatory variables. Statistical Modelling, 2020, 20, 96-119.	1.1	3
6	Spatial validation reveals poor predictive performance of large-scale ecological mapping models. Nature Communications, 2020, 11, 4540.	12.8	232
7	A map of African humid tropical forest aboveground biomass derived from management inventories. Scientific Data, 2020, 7, 221.	5.3	16
8	UAV-based canopy textures assess changes in forest structure from long-term degradation. Ecological Indicators, 2020, 115, 106386.	6.3	23
9	Temperature rising would slow down tropical forest dynamic in the Guiana Shield. Scientific Reports, 2019, 9, 10235.	3.3	20
10	Evaluation of Sentinel-1 and 2 Time Series for Land Cover Classification of Forestâ€“Agriculture Mosaics in Temperate and Tropical Landscapes. Remote Sensing, 2019, 11, 979.	4.0	74
11	Climate change would lead to a sharp acceleration of Central African forests dynamics by the end of the century. Environmental Research Letters, 2019, 14, 044002.	5.2	12
12	The light-deficient climates of western Central African evergreen forests. Environmental Research Letters, 2019, 14, 034007.	5.2	30
13	Mapping ecosystem services at the regional scale: the validity of an upscaling approach. International Journal of Geographical Information Science, 2018, 32, 1593-1610.	4.8	9
14	The Potential of Multisource Remote Sensing for Mapping the Biomass of a Degraded Amazonian Forest. Forests, 2018, 9, 303.	2.1	29
15	Multiple Patterns of Forest Disturbance and Logging Shape Forest Landscapes in Paragominas, Brazil. Forests, 2016, 7, 315.	2.1	24
16	The determinants of tropical forest deciduousness: disentangling the effects of rainfall and geology in central Africa. Journal of Ecology, 2016, 104, 924-935.	4.0	26
17	Supervised Component Generalized Linear Regression with Multiple Explanatory Blocks: THEME-SCGLR. Springer Proceedings in Mathematics and Statistics, 2016, , 141-154.	0.2	3
18	Tree roots can penetrate deeply in African semi-deciduous rain forests: evidence from two common soil types. Journal of Tropical Ecology, 2015, 31, 13-23.	1.1	25

#	Article	IF	Citations
19	Mixture of inhomogeneous matrix models for speciesâ€rich ecosystems. Environmetrics, 2015, 26, 39-51.	1.4	8
20	An evolutionary perspective on leaf economics: phylogenetics of leaf mass per area in vascular plants. Ecology and Evolution, 2014, 4, 2799-2811.	1.9	53
21	Vegetation structure and greenness in Central Africa from Modis multi-temporal data. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120309.	4.0	59
22	Estimation Ã grande Ã©chelle de l'ouverture du couvert forestier en Afrique centrale Ã l'aide de donnÃ©es de tÃ©lÃ©dÃ©tection. Bois Et Forets Des Tropiques, 2013, 315, 3.	0.2	8
23	Geological Substrates Shape Tree Species and Trait Distributions in African Moist Forests. PLoS ONE, 2012, 7, e42381.	2.5	75
24	Environmental filtering of dense-wooded species controls above-ground biomass stored in African moist forests. Journal of Ecology, 2011, 99, 981-990.	4.0	72
25	Relationships between demography and gene flow and their importance for the conservation of tree populations in tropical forests under selective felling regimes. Conservation Genetics, 2011, 12, 15-29.	1.5	13
26	Impact of uncertainty in tree mortality on the predictions of a tropical forest dynamics model. Ecological Modelling, 2008, 218, 290-306.	2.5	9
27	Using models to predict recovery and assess tree species vulnerability in logged tropical forests: A case study from French Guiana. Forest Ecology and Management, 2005, 209, 69-85.	3.2	53