

Sylvie Gourlet-Fleury

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

2,063
citations

361413

20
h-index

434195

31
g-index

31
all docs

31
docs citations

31
times ranked

3713
citing authors

#	ARTICLE	IF	CITATIONS
1	Tree growth and mortality of 42 timber species in central Africa. <i>Forest Ecology and Management</i> , 2022, 505, 119889.	3.2	4
2	Linking Drone and Ground-Based Liana Measurements in a Congolese Forest. <i>Frontiers in Forests and Global Change</i> , 2022, 5, .	2.3	2
3	<i>Macrotermes</i> 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?. <i>Journal of Tropical Ecology</i> , 2022, 38, 267-274.	1.1	1
4	Pantropical variability in tree crown allometry. <i>Global Ecology and Biogeography</i> , 2021, 30, 459-475.	5.8	27
5	Unveiling African rainforest composition and vulnerability to global change. <i>Nature</i> , 2021, 593, 90-94.	27.8	53
6	Floristic evidence for alternative biome states in tropical Africa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 28183-28190.	7.1	41
7	Spatial validation reveals poor predictive performance of large-scale ecological mapping models. <i>Nature Communications</i> , 2020, 11, 4540.	12.8	232
8	Asynchronous carbon sink saturation in African and Amazonian tropical forests. <i>Nature</i> , 2020, 579, 80-87.	27.8	439
9	A map of African humid tropical forest aboveground biomass derived from management inventories. <i>Scientific Data</i> , 2020, 7, 221.	5.3	16
10	The Forest Observation System, building a global reference dataset for remote sensing of forest biomass. <i>Scientific Data</i> , 2019, 6, 198.	5.3	44
11	Growth determinants of timber species <i>Triplochiton scleroxylon</i> and implications for forest management in central Africa. <i>Forest Ecology and Management</i> , 2019, 437, 211-221.	3.2	9
12	Climate change would lead to a sharp acceleration of Central African forests dynamics by the end of the century. <i>Environmental Research Letters</i> , 2019, 14, 044002.	5.2	12
13	What controls local-scale aboveground biomass variation in central Africa? Testing structural, composition and architectural attributes. <i>Forest Ecology and Management</i> , 2018, 429, 570-578.	3.2	14
14	Architectural differences associated with functional traits among 45 coexisting tree species in Central Africa. <i>Functional Ecology</i> , 2018, 32, 2583-2593.	3.6	15
15	Present-day central African forest is a legacy of the 19th century human history. <i>ELife</i> , 2017, 6, .	6.0	46
16	The determinants of tropical forest deciduousness: disentangling the effects of rainfall and geology in central Africa. <i>Journal of Ecology</i> , 2016, 104, 924-935.	4.0	26
17	Mixture of inhomogeneous matrix models for species-rich ecosystems. <i>Environmetrics</i> , 2015, 26, 39-51.	1.4	8
18	New Evidence of Human Activities During the Holocene in the Lowland Forests of the Northern Congo Basin. <i>Radiocarbon</i> , 2014, 56, 209-220.	1.8	44

#	ARTICLE	IF	CITATIONS
19	Tropical tree assembly depends on the interactions between successional and soil filtering processes. <i>Global Ecology and Biogeography</i> , 2014, 23, 1440-1449.	5.8	22
20	Patterns of tree species composition across tropical African forests. <i>Journal of Biogeography</i> , 2014, 41, 2320-2331.	3.0	69
21	Slow-growing species cope best with drought: evidence from long-term measurements in a tropical semi-deciduous moist forest of Central Africa. <i>Journal of Ecology</i> , 2013, 101, 1459-1470.	4.0	77
22	Population dynamics of species-rich ecosystems: the mixture of matrix population models approach. <i>Methods in Ecology and Evolution</i> , 2013, 4, 316-326.	5.2	3
23	Tropical forest recovery from logging: a 24 year silvicultural experiment from Central Africa. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20120302.	4.0	110
24	Stock recovery rates are not the panacea to assess timber yield sustainability: Evidence from managed Central African forests. <i>Forest Ecology and Management</i> , 2012, 281, 12-22.	3.2	4
25	Sustaining conservation values in selectively logged tropical forests: the attained and the attainable. <i>Conservation Letters</i> , 2012, 5, 296-303.	5.7	439
26	Geological Substrates Shape Tree Species and Trait Distributions in African Moist Forests. <i>PLoS ONE</i> , 2012, 7, e42381.	2.5	75
27	Detecting large-scale diversity patterns in tropical trees: Can we trust commercial forest inventories?. <i>Forest Ecology and Management</i> , 2011, 261, 187-194.	3.2	30
28	Environmental filtering of dense-wooded species controls above-ground biomass stored in African moist forests. <i>Journal of Ecology</i> , 2011, 99, 981-990.	4.0	72
29	Clustering species using a model of population dynamics and aggregation theory. <i>Ecological Modelling</i> , 2010, 221, 152-160.	2.5	20
30	Regional variation in tropical forest tree species composition in the Central African Republic: an assessment based on inventories by forest companies. <i>Journal of Tropical Ecology</i> , 2008, 24, 663-674.	1.1	51
31	Grouping species for predicting mixed tropical forest dynamics: looking for a strategy. <i>Annals of Forest Science</i> , 2005, 62, 785-796.	2.0	58