Geraldine Derroire

List of Publications by Year
in descending order

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30 papers	2,800 citations	471509 17 h-index	454955 30 g-index
32 all docs	32 docs citations	32 times ranked	6226 citing authors

#	Article	IF	Citations
1	Seasonal variation of leaf thickness: An overlooked component of functional trait variability. Plant Biology, 2022, 24, 458-463.	3.8	6
2	Mapping tree mortality rate in a tropical moist forest using multi-temporal LiDAR. International Journal of Applied Earth Observation and Geoinformation, 2022, 109, 102780.	1.9	4
3	Water table depth modulates productivity and biomass across Amazonian forests. Global Ecology and Biogeography, 2022, 31, 1571-1588.	5.8	17
4	Strong floristic distinctiveness across Neotropical successional forests. Science Advances, 2022, 8, .	10.3	10
5	Topography shapes the local coexistence of tree species within species complexes of Neotropical forests. Oecologia, 2021, 196, 389-398.	2.0	9
6	The potential of secondary forests to restore biodiversity of the lost forests in semi-deciduous West Africa. Biological Conservation, 2021, 259, 109154.	4.1	9
7	Taking the pulse of Earth's tropical forests using networks of highly distributed plots. Biological Conservation, 2021, 260, 108849.	4.1	71
8	Prospective carbon balance of the wood sector in a tropical forest territory using a temporally-explicit model. Forest Ecology and Management, 2021, 497, 119532.	3.2	4
9	Multidimensional tropical forest recovery. Science, 2021, 374, 1370-1376.	12.6	165
10	Slow rate of secondary forest carbon accumulation in the Guianas compared with the rest of the Neotropics. Ecological Applications, 2020, 30, e02004.	3.8	16
11	TRY plant trait database â€“ enhanced coverage and open access. Global Change Biology, 2020, 26, 119-188.	9.5	1,038
12	Long-term thermal sensitivity of Earthâ€™s tropical forests. Science, 2020, 368, 869-874.	12.6	198
13	Topography consistently drives intraâ€•and interâ€specific leaf trait variation within tree species complexes in a Neotropical forest. Oikos, 2020, 129, 1521-1530.	2.7	28
14	Quantitative Airborne Inventories in Dense Tropical Forest Using Imaging Spectroscopy. Remote Sensing, 2020, 12, 1577.	4.0	4
15	Impacts of Degradation on Water, Energy, and Carbon Cycling of the Amazon Tropical Forests. Journal of Geophysical Research G: Biogeosciences, 2020, 125, e2020JG005677.	3.0	44
16	The global abundance of tree palms. Global Ecology and Biogeography, 2020, 29, 1495-1514.	5.8	62
17	The Forest Observation System, building a global reference dataset for remote sensing of forest biomass. Scientific Data, 2019, 6, 198.	5.3	44
18	Can timber provision from Amazonian production forests be sustainable?. Environmental Research Letters, 2019, 14, 064014.	5.2	47

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19	Climatic controls of decomposition drive the global biogeography of forest-tree symbioses. Nature, 2019, 569, 404-408.	27.8	371
20	Optimal strategies for ecosystem services provision in Amazonian production forests. Environmental Research Letters, 2019, 14, 124090.	5.2	9
21	Contrasting patterns of leaf trait variation among and within species during tropical dry forest succession in Costa Rica. Scientific Reports, 2018, 8, 285.	3.3	48
22	Global traitâ€“environment relationships of plant communities. Nature Ecology and Evolution, 2018, 2, 1906-1917.	7.8	397
23	Assessing timber volume recovery after disturbance in tropical forests â€“ A new modelling framework. Ecological Modelling, 2018, 384, 353-369.	2.5	24
24	The Effects of Established Trees on Woody Regeneration during Secondary Succession in Tropical Dry Forests. Biotropica, 2016, 48, 290-300.	1.6	27
25	Isolated trees as nuclei of regeneration in tropical pastures: testing the importance of nicheâ€based and landscape factors. Journal of Vegetation Science, 2016, 27, 679-691.	2.2	20
26	The reliability of evidence review methodology in environmental science and conservation. Environmental Science and Policy, 2016, 64, 75-82.	4.9	41
27	Resilience of tropical dry forests â€“ a metaâ€analysis of changes in species diversity and composition during secondary succession. Oikos, 2016, 125, 1386-1397.	2.7	65
28	Flowering and fruiting phenology in maquis of New Caledonia. Acta Botanica Gallica, 2008, 155, 263-275.	0.9	3
29	The essential role of tree-fern trunks in the regeneration of Weinmannia tinctoria in rain forest on RÃ©union, Mascarene Archipelago. Journal of Tropical Ecology, 2007, 23, 487-492.	1.1	11
30	Gradient altitudinal de la richesse spÃ©cifique et de l'endÃ©micitÃ© de la flore ligneuse indigÃ¨ne Ã l'Ã®le de La RÃ©union (archipel des Mascareignes). Acta Botanica Gallica, 2004, 151, 181-196.	0.9	7