

Wannes Hubau

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

2,301
citations

304743

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315739

38
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all docs

40
docs citations

40
times ranked

4522
citing authors

#	ARTICLE	IF	CITATIONS
1	Asynchronous carbon sink saturation in African and Amazonian tropical forests. <i>Nature</i> , 2020, 579, 80-87.	27.8	439
2	Compositional response of Amazon forests to climate change. <i>Global Change Biology</i> , 2019, 25, 39-56.	9.5	265
3	Diversity and carbon storage across the tropical forest biome. <i>Scientific Reports</i> , 2017, 7, 39102.	3.3	251
4	Long-term thermal sensitivity of Earth's tropical forests. <i>Science</i> , 2020, 368, 869-874.	12.6	198
5	Long-term carbon sink in Borneo's forests halted by drought and vulnerable to edge effects. <i>Nature Communications</i> , 2017, 8, 1966.	12.8	116
6	Field methods for sampling tree height for tropical forest biomass estimation. <i>Methods in Ecology and Evolution</i> , 2018, 9, 1179-1189.	5.2	78
7	Pan-tropical prediction of forest structure from the largest trees. <i>Global Ecology and Biogeography</i> , 2018, 27, 1366-1383.	5.8	78
8	Drier tropical forests are susceptible to functional changes in response to a long-term drought. <i>Ecology Letters</i> , 2019, 22, 855-865.	6.4	75
9	Taking the pulse of Earth's tropical forests using networks of highly distributed plots. <i>Biological Conservation</i> , 2021, 260, 108849.	4.1	71
10	High aboveground carbon stock of African tropical montane forests. <i>Nature</i> , 2021, 596, 536-542.	27.8	65
11	The global abundance of tree palms. <i>Global Ecology and Biogeography</i> , 2020, 29, 1495-1514.	5.8	62
12	Long-term droughts may drive drier tropical forests towards increased functional, taxonomic and phylogenetic homogeneity. <i>Nature Communications</i> , 2020, 11, 3346.	12.8	61
13	Late Holocene forest contraction and fragmentation in central Africa. <i>Quaternary Research</i> , 2018, 89, 43-59.	1.7	53
14	sPlotOpen – An environmentally balanced, open-access, global dataset of vegetation plots. <i>Global Ecology and Biogeography</i> , 2021, 30, 1740-1764.	5.8	49
15	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
16	A tree-ring based comparison of <i>Terminalia superba</i> climate-growth relationships in West and Central Africa. <i>Trees - Structure and Function</i> , 2013, 27, 1225-1238.	1.9	43
17	The persistence of carbon in the African forest understory. <i>Nature Plants</i> , 2019, 5, 133-140.	9.3	41
18	Resistance of African tropical forests to an extreme climate anomaly. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	37

#	ARTICLE	IF	CITATIONS
19	Charcoal identification in species-rich biomes: A protocol for Central Africa optimised for the Mayumbe forest. <i>Review of Palaeobotany and Palynology</i> , 2012, 171, 164-178.	1.5	32
20	Population collapse in Congo rainforest from 400 CE urges reassessment of the Bantu Expansion. <i>Science Advances</i> , 2021, 7, .	10.3	30
21	Ancient charcoal as a natural archive for paleofire regime and vegetation change in the Mayumbe, Democratic Republic of the Congo. <i>Quaternary Research</i> , 2013, 80, 326-340.	1.7	26
22	Charcoal-inferred Holocene fire and vegetation history linked to drought periods in the Democratic Republic of Congo. <i>Global Change Biology</i> , 2015, 21, 2296-2308.	9.5	26
23	Long-term recovery of the functional community assembly and carbon pools in an African tropical forest succession. <i>Biotropica</i> , 2019, 51, 319-329.	1.6	23
24	Earth System Models Are Not Capturing Present-day Tropical Forest Carbon Dynamics. <i>Earth's Future</i> , 2021, 9, e2020EF001874.	6.3	22
25	How Tightly Linked Are <i>Pericopsis elata</i> (Fabaceae) Patches to Anthropogenic Disturbances in Southeastern Cameroon?. <i>Forests</i> , 2015, 6, 293-310.	2.1	20
26	Wood Density Profiles and Their Corresponding Tissue Fractions in Tropical Angiosperm Trees. <i>Forests</i> , 2018, 9, 763.	2.1	18
27	Complementary Imaging Techniques for Charcoal Examination and Identification. <i>IAWA Journal</i> , 2013, 34, 147-168.	2.7	16
28	Forests and rivers: The archaeology of the north eastern Congo. <i>Quaternary International</i> , 2017, 448, 95-116.	1.5	12
29	Height-diameter allometric equations of an emergent tree species from the Congo Basin. <i>Forest Ecology and Management</i> , 2022, 504, 119822.	3.2	9
30	The earliest iron-producing communities in the Lower Congo region of Central Africa: new insights from the Bu, Kindu and Mantsetsi sites. <i>Azania</i> , 2019, 54, 221-244.	0.9	7
31	Asynchronous leaf and cambial phenology in a tree species of the Congo Basin requires space-time conversion of wood traits. <i>Annals of Botany</i> , 2019, 124, 245-253.	2.9	7
32	Une forte saisonnalité du climat et de la phénologie reproductive dans la forêt du Mayombe : l'apport des données historiques de la réserve de Luki en République démocratique du Congo. <i>Bois Et Forêts Des Tropiques</i> , 0, 341, 39.	0.2	6
33	Spatial patterns of light-demanding tree species in the Yangambi rainforest (Democratic Republic of) Tj ETQq1 1 0,784314 ggBT /Overl	1.9	1
34	The potential of plantations of <i>Terminalia superba</i> Engl. & Diels for wood and biomass production (Mayombe Forest, Democratic Republic of Congo). <i>Annals of Forest Science</i> , 2010, 67, 501-501.	2.0	5
35	Archaeological charcoals as archives for firewood preferences and vegetation composition during the late Holocene in the southern Mayumbe, Democratic Republic of the Congo (DRC). <i>Vegetation History and Archaeobotany</i> , 2014, 23, 591.	2.1	3
36	Towards improving the assessment of rainforest carbon: Complementary evidence from repeated diameter measurements and dated wood. <i>Dendrochronologia</i> , 2020, 62, 125723.	2.2	2

#	ARTICLE	IF	CITATIONS
37	Enjeux et amélioration de la gestion des espèces du genre <i>Entandrophragma</i> , arbres africains devenus vulnérables. <i>Bois Et Forets Des Tropiques</i> , 0, 339, 75.	0.2	2
38	When xylarium and herbarium meet: linking Tervuren xylarium wood samples with their herbarium specimens at Meise Botanic Garden. <i>Biodiversity Data Journal</i> , 2021, 9, e62329.	0.8	1
39	Variation in Onset of Leaf Unfolding and Wood Formation in a Central African Tropical Tree Species. <i>Frontiers in Forests and Global Change</i> , 2021, 4, .	2.3	1