

George B Chuyong

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

4,635
citations

279798

23
h-index

243625

44
g-index

46
all docs

46
docs citations

46
times ranked

7745
citing authors

#	ARTICLE	IF	CITATIONS
1	454 Pyrosequencing and Sanger sequencing of tropical mycorrhizal fungi provide similar results but reveal substantial methodological biases. <i>New Phytologist</i> , 2010, 188, 291-301.	7.3	484
2	<scp>CTFS</scp>â€œForest<scp>GEO</scp>: a worldwide network monitoring forests in an era of global change. <i>Global Change Biology</i> , 2015, 21, 528-549.	9.5	473
3	Asynchronous carbon sink saturation in African and Amazonian tropical forests. <i>Nature</i> , 2020, 579, 80-87.	27.8	439
4	Relationships among net primary productivity, nutrients and climate in tropical rain forest: a panâ€œtropical analysis. <i>Ecology Letters</i> , 2011, 14, 939-947.	6.4	379
5	Global importance of largeâ€œdiameter trees. <i>Global Ecology and Biogeography</i> , 2018, 27, 849-864.	5.8	330
6	A general framework for the distanceâ€œdecay of similarity in ecological communities. <i>Ecology Letters</i> , 2008, 11, 904-917.	6.4	312
7	Testing metabolic ecology theory for allometric scaling of tree size, growth and mortality in tropical forests. <i>Ecology Letters</i> , 2006, 9, 575-588.	6.4	280
8	Scaleâ€œdependent relationships between tree species richness and ecosystem function in forests. <i>Journal of Ecology</i> , 2013, 101, 1214-1224.	4.0	265
9	Plant diversity increases with the strength of negative density dependence at the global scale. <i>Science</i> , 2017, 356, 1389-1392.	12.6	222
10	Soil resources and topography shape local tree community structure in tropical forests. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20122532.	2.6	201
11	Comparing tropical forest tree size distributions with the predictions of metabolic ecology and equilibrium models. <i>Ecology Letters</i> , 2006, 9, 589-602.	6.4	170
12	Phylogenetic classification of the worldâ€œs tropical forests. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 1837-1842.	7.1	144
13	The variation of tree beta diversity across a global network of forest plots. <i>Global Ecology and Biogeography</i> , 2012, 21, 1191-1202.	5.8	135
14	ForestGEO: Understanding forest diversity and dynamics through a global observatory network. <i>Biological Conservation</i> , 2021, 253, 108907.	4.1	122
15	How Effective Are DNA Barcodes in the Identification of African Rainforest Trees?. <i>PLoS ONE</i> , 2013, 8, e54921.	2.5	81
16	Mast fruiting of large ectomycorrhizal African rain forest trees: importance of dry season intensity, and the resourceâ€œlimitation hypothesis. <i>New Phytologist</i> , 2006, 170, 561-579.	7.3	69
17	Rarity and abundance in a diverse African forest. <i>Biodiversity and Conservation</i> , 2007, 16, 2045-2074.	2.6	67
18	Habitat specificity and diversity of tree species in an African wet tropical forest. <i>Plant Ecology</i> , 2011, 212, 1363-1374.	1.6	56

#	ARTICLE	IF	CITATIONS
19	CONTRASTING STRUCTURE AND COMPOSITION OF THE UNDERSTORY IN SPECIES-RICH TROPICAL RAIN FORESTS. <i>Ecology</i> , 2006, 87, 2298-2305.	3.2	55
20	Climate sensitive size-dependent survival in tropical trees. <i>Nature Ecology and Evolution</i> , 2018, 2, 1436-1442.	7.8	41
21	Prevalence of phylogenetic clustering at multiple scales in an African rain forest tree community. <i>Journal of Ecology</i> , 2014, 102, 1008-1016.	4.0	33
22	Predicting alpha diversity of African rain forests: models based on climate and satellite-derived data do not perform better than a purely spatial model. <i>Journal of Biogeography</i> , 2011, 38, 1164-1176.	3.0	30
23	Phylogenetic composition and structure of tree communities shed light on historical processes influencing tropical rainforest diversity. <i>Ecography</i> , 2017, 40, 521-530.	4.5	29
24	Buttress form of the central African rain forest tree <i>Microberlinia bisulcata</i> , and its possible role in nutrient acquisition. <i>Trees - Structure and Function</i> , 2009, 23, 219-234.	1.9	24
25	Sustainable Utilization of Mangroves Using Improved Fish-Smoking Systems: A Management Perspective from the Douala-Edea Wildlife Reserve, Cameroon. <i>Tropical Conservation Science</i> , 2009, 2, 450-468.	1.2	24
26	A taxonomic comparison of local habitat niches of tropical trees. <i>Oecologia</i> , 2013, 173, 1491-1498.	2.0	24
27	Distribution of biomass dynamics in relation to tree size in forests across the world. <i>New Phytologist</i> , 2022, 234, 1664-1677.	7.3	24
28	Reconstituting the role of indigenous structures in protected forest management in Cameroon. <i>Forest Policy and Economics</i> , 2016, 67, 45-51.	3.4	14
29	A Phylogenetic Perspective on the Individual Species-Area Relationship in Temperate and Tropical Tree Communities. <i>PLoS ONE</i> , 2013, 8, e63192.	2.5	13
30	Do fungal pathogens drive density-dependent mortality in established seedlings of two dominant African rain-forest trees?. <i>Journal of Tropical Ecology</i> , 2010, 26, 293-301.	1.1	11
31	Shift in functional traits along soil fertility gradient reflects non-random community assembly in a tropical African rainforest. <i>Plant Ecology and Evolution</i> , 2017, 150, 265-278.	0.7	11
32	Vascular Plant Species Composition, Relative Abundance, Distribution, and Threats in Arsi Mountains National Park, Ethiopia. <i>Mountain Research and Development</i> , 2018, 38, 143.	1.0	11
33	Temporal population variability in local forest communities has mixed effects on tree species richness across a latitudinal gradient. <i>Ecology Letters</i> , 2020, 23, 160-171.	6.4	11
34	Consistency of demographic trade-offs across 13 (sub)tropical forests. <i>Journal of Ecology</i> , 2022, 110, 1485-1496.	4.0	11
35	Response to Comment on "Plant diversity increases with the strength of negative density dependence at the global scale". <i>Science</i> , 2018, 360, .	12.6	9
36	Two new species of <i>Afrothismia</i> (Thismiaceae) from southern Cameroon. <i>Kew Bulletin</i> , 2013, 68, 591-597.	0.9	6

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37	Response to Comment on "Plant diversity increases with the strength of negative density dependence at the global scale". Science, 2018, 360, .	12.6	6
38	Impact of Livestock Encroachments and Tree Removal on Populations of Mountain Nyala and Menelik's Bushbuck in Arsi Mountains National Park, Ethiopia. International Journal of Ecology, 2018, 2018, 1-8.	0.8	5
39	Endemism and geographic distribution of African Thismiaceae. Plant Ecology and Evolution, 2017, 150, 304-312.	0.7	4
40	The genus Cola (Malvaceae) in Cameroon's Korup National Park, with two novelties. Plant Ecology and Evolution, 2018, 151, 241-251.	0.7	3
41	The Morphometric Evidence and Antifungal Activity of <i>Chromolaena odorata</i> in Western Cameroon. Journal of Herbs, Spices and Medicinal Plants, 2019, 25, 401-413.	1.1	3
42	Environment- and trait-mediated scaling of tree occupancy in forests worldwide. Global Ecology and Biogeography, 2019, 28, 1155-1167.	5.8	2
43	Interactions between all pairs of neighboring trees in 16 forests worldwide reveal details of unique ecological processes in each forest, and provide windows into their evolutionary histories. PLoS Computational Biology, 2021, 17, e1008853.	3.2	1
44	What structures diurnal visitation rates to flowering trees in an Afrotropical lowland rainforest understory?. Insect Conservation and Diversity, 2022, 15, 19-35.	3.0	1
45	The influence of institutions on access to forest resources in Cameroon: The case of Tofala Hill Wildlife Sanctuary. Journal for Nature Conservation, 2016, 34, 42-50.	1.8	0