

George B Chuyong

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

4,635
citations

279701

23
h-index

243529

44
g-index

46
all docs

46
docs citations

46
times ranked

7745
citing authors

#	ARTICLE	IF	CITATIONS
1	What structures diurnal visitation rates to flowering trees in an Afrotropical lowland rainforest understory?. <i>Insect Conservation and Diversity</i> , 2022, 15, 19-35.	1.4	1
2	Distribution of biomass dynamics in relation to tree size in forests across the world. <i>New Phytologist</i> , 2022, 234, 1664-1677.	3.5	24
3	Consistency of demographic trade-offs across 13 (sub)tropical forests. <i>Journal of Ecology</i> , 2022, 110, 1485-1496.	1.9	11
4	ForestGEO: Understanding forest diversity and dynamics through a global observatory network. <i>Biological Conservation</i> , 2021, 253, 108907.	1.9	122
5	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. <i>PLoS Computational Biology</i> , 2021, 17, e1008853.	1.5	1
6	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.	3.0	11
7	Asynchronous carbon sink saturation in African and Amazonian tropical forests. <i>Nature</i> , 2020, 579, 80-87.	13.7	439
8	The Morphometric Evidence and Antifungal Activity of <i>Chromolaena odorata</i> in Western Cameroon. <i>Journal of Herbs, Spices and Medicinal Plants</i> , 2019, 25, 401-413.	0.5	3
9	Environment- and trait-mediated scaling of tree occupancy in forests worldwide. <i>Global Ecology and Biogeography</i> , 2019, 28, 1155-1167.	2.7	2
10	Phylogenetic classification of the world's tropical forests. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 1837-1842.	3.3	144
11	Vascular Plant Species Composition, Relative Abundance, Distribution, and Threats in Arsi Mountains National Park, Ethiopia. <i>Mountain Research and Development</i> , 2018, 38, 143.	0.4	11
12	The genus <i>Cola</i> (Malvaceae) in Cameroon's Korup National Park, with two novelties. <i>Plant Ecology and Evolution</i> , 2018, 151, 241-251.	0.3	3
13	Response to Comment on "Plant diversity increases with the strength of negative density dependence at the global scale". <i>Science</i> , 2018, 360, .	6.0	6
14	Response to Comment on "Plant diversity increases with the strength of negative density dependence at the global scale". <i>Science</i> , 2018, 360, .	6.0	9
15	Impact of Livestock Encroachments and Tree Removal on Populations of Mountain Nyala and Menelik's Bushbuck in Arsi Mountains National Park, Ethiopia. <i>International Journal of Ecology</i> , 2018, 2018, 1-8.	0.3	5
16	Global importance of large-diameter trees. <i>Global Ecology and Biogeography</i> , 2018, 27, 849-864.	2.7	330
17	Climate sensitive size-dependent survival in tropical trees. <i>Nature Ecology and Evolution</i> , 2018, 2, 1436-1442.	3.4	41
18	Phylogenetic composition and structure of tree communities shed light on historical processes influencing tropical rainforest diversity. <i>Ecography</i> , 2017, 40, 521-530.	2.1	29

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19	Plant diversity increases with the strength of negative density dependence at the global scale. <i>Science</i> , 2017, 356, 1389-1392.	6.0	222
20	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.	0.3	11
21	Endemism and geographic distribution of African Thismiaceae. <i>Plant Ecology and Evolution</i> , 2017, 150, 304-312.	0.3	4
22	Reconstituting the role of indigenous structures in protected forest management in Cameroon. <i>Forest Policy and Economics</i> , 2016, 67, 45-51.	1.5	14
23	The influence of institutions on access to forest resources in Cameroon: The case of Tofala Hill Wildlife Sanctuary. <i>Journal for Nature Conservation</i> , 2016, 34, 42-50.	0.8	0
24	<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.	4.2	473
25	Prevalence of phylogenetic clustering at multiple scales in an African rain forest tree community. <i>Journal of Ecology</i> , 2014, 102, 1008-1016.	1.9	33
26	A taxonomic comparison of local habitat niches of tropical trees. <i>Oecologia</i> , 2013, 173, 1491-1498.	0.9	24
27	Scaleâ€dependent relationships between tree species richness and ecosystem function in forests. <i>Journal of Ecology</i> , 2013, 101, 1214-1224.	1.9	265
28	Two new species of <i>Afrothismia</i> (Thismiaceae) from southern Cameroon. <i>Kew Bulletin</i> , 2013, 68, 591-597.	0.4	6
29	A Phylogenetic Perspective on the Individual Species-Area Relationship in Temperate and Tropical Tree Communities. <i>PLoS ONE</i> , 2013, 8, e63192.	1.1	13
30	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.	1.2	201
31	How Effective Are DNA Barcodes in the Identification of African Rainforest Trees?. <i>PLoS ONE</i> , 2013, 8, e54921.	1.1	81
32	The variation of tree beta diversity across a global network of forest plots. <i>Global Ecology and Biogeography</i> , 2012, 21, 1191-1202.	2.7	135
33	Relationships among net primary productivity, nutrients and climate in tropical rain forest: a panâ€tropical analysis. <i>Ecology Letters</i> , 2011, 14, 939-947.	3.0	379
34	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.	1.4	30
35	Habitat specificity and diversity of tree species in an African wet tropical forest. <i>Plant Ecology</i> , 2011, 212, 1363-1374.	0.7	56
36	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.	0.5	11

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37	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.	3.5	484
38	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.	0.9	24
39	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.	0.6	24
40	A general framework for the distanceâ€“decay of similarity in ecological communities. <i>Ecology Letters</i> , 2008, 11, 904-917.	3.0	312
41	Rarity and abundance in a diverse African forest. <i>Biodiversity and Conservation</i> , 2007, 16, 2045-2074.	1.2	67
42	Testing metabolic ecology theory for allometric scaling of tree size, growth and mortality in tropical forests. <i>Ecology Letters</i> , 2006, 9, 575-588.	3.0	280
43	Comparing tropical forest tree size distributions with the predictions of metabolic ecology and equilibrium models. <i>Ecology Letters</i> , 2006, 9, 589-602.	3.0	170
44	Mast fruiting of large ectomycorrhizal African rain forest trees: importance of dry season intensity, and the resourceâ€“limitation hypothesis. <i>New Phytologist</i> , 2006, 170, 561-579.	3.5	69
45	CONTRASTING STRUCTURE AND COMPOSITION OF THE UNDERSTORY IN SPECIES-RICH TROPICAL RAIN FORESTS. <i>Ecology</i> , 2006, 87, 2298-2305.	1.5	55