

David M Newbery

List of Publications by Year in descending order

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69
papers

3,169
citations

172457

29
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155660

55
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74
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74
docs citations

74
times ranked

3040
citing authors

#	ARTICLE	IF	CITATIONS
1	Stem girth changes in response to soil water potential in lowland dipterocarp forest in Borneo: An individualistic time-series analysis. <i>PLoS ONE</i> , 2022, 17, e0270140.	2.5	0
2	Including tree spatial extension in the evaluation of neighborhood competition effects in Bornean rain forest. <i>Ecology and Evolution</i> , 2021, 11, 6195-6222.	1.9	0
3	Change in liana density over 30 years in a Bornean rain forest supports the escape hypothesis. <i>Ecosphere</i> , 2021, 12, e03537.	2.2	2
4	The structure of Leguminosae-Detarioideae dominant rain forest in Korup National Park, Cameroon. <i>Plant Ecology and Evolution</i> , 2021, 154, 376-390.	0.7	2
5	Micronutrients may influence the efficacy of ectomycorrhizas to support tree seedlings in a lowland African rain forest. <i>Ecosphere</i> , 2019, 10, e02686.	2.2	2
6	Progression and stability analysis of rain forest tree growth under environmental stochasticity. <i>Ecosphere</i> , 2017, 8, e01813.	2.2	7
7	Timing of extreme drought modifies reproductive output in semi-natural grassland. <i>Journal of Vegetation Science</i> , 2016, 27, 238-248.	2.2	52
8	Limitation of seedling growth by potassium and magnesium supply for two ectomycorrhizal tree species of a Central African rain forest and its implication for their recruitment. <i>Ecology and Evolution</i> , 2016, 6, 125-142.	1.9	11
9	Density-dependent dynamics of a dominant rain forest tree change with juvenile stage and time of masting. <i>Oecologia</i> , 2016, 181, 207-223.	2.0	10
10	Neighbourhood abundance and small tree survival in a lowland Bornean rainforest. <i>Ecological Research</i> , 2016, 31, 353-366.	1.5	12
11	Effect sizes and standardization in neighbourhood models of forest stands: potential biases and misinterpretations. <i>Methods in Ecology and Evolution</i> , 2015, 6, 1117-1125.	5.2	4
12	Tree size and fecundity influence ballistic seed dispersal of two dominant mast-fruiting species in a tropical rain forest. <i>Forest Ecology and Management</i> , 2015, 338, 100-113.	3.2	27
13	Herbivores differentially limit the seedling growth and sapling recruitment of two dominant rain forest trees. <i>Oecologia</i> , 2014, 174, 459-469.	2.0	25
14	Seedling resistance, tolerance and escape from herbivores: insights from co-dominant canopy tree species in a resource-poor African rain forest. <i>Functional Ecology</i> , 2014, 28, 1426-1439.	3.6	13
15	Relaxation of species-specific neighborhood effects in Bornean rain forest under climatic perturbation. <i>Ecology</i> , 2013, 94, 2838-2851.	3.2	29
16	Herbivores equalize the seedling height growth of three dominant tree species in an African tropical rain forest. <i>Forest Ecology and Management</i> , 2013, 310, 555-566.	3.2	16
17	Transient dominance in a central African rain forest. <i>Ecological Monographs</i> , 2013, 83, 339-382.	5.4	46
18	Growth responses of understory trees to drought perturbation in tropical rainforest in Borneo. <i>Forest Ecology and Management</i> , 2011, 262, 2095-2107.	3.2	16

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19	Seed fate and seedling dynamics after masting in two African rain forest trees. <i>Ecological Monographs</i> , 2011, 81, 443-469.	5.4	17
20	Recruitment limitation after mast seeding in two African rain forest trees. <i>Ecology</i> , 2010, 91, 2303-2312.	3.2	25
21	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
22	Recruitment dynamics of the grove-dominant tree <i>Microberlinia bisulcata</i> in African rain forest: extending the light response versus adult longevity trade-off concept. <i>Plant Ecology</i> , 2010, 206, 151-172.	1.6	17
23	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
24	Plurality of tree species responses to drought perturbation in Bornean tropical rain forest. <i>Plant Ecology</i> , 2009, 201, 147-167.	1.6	36
25	On the detection of dynamic responses in a drought-perturbed tropical rainforest in Borneo. <i>Plant Ecology</i> , 2009, 201, 267-290.	1.6	26
26	On the detection of dynamic responses in a drought-perturbed tropical rainforest in Borneo. , 2009, , 267-290.		2
27	Plurality of tree species responses to drought perturbation in Bornean tropical rain forest. , 2008, , 147-167.		2
28	Seedling survival and growth of three ectomycorrhizal caesalpiniaceous tree species in a Central African rain forest. <i>Journal of Tropical Ecology</i> , 2006, 22, 499-511.	1.1	22
29	Mast fruiting of large ectomycorrhizal African rain forest trees: importance of dry season intensity, and the resource limitation hypothesis. <i>New Phytologist</i> , 2006, 170, 561-579.	7.3	69
30	Intra-annual radial growth and water relations of trees: implications towards a growth mechanism. <i>Journal of Experimental Botany</i> , 2006, 57, 1445-1459.	4.8	332
31	Ectomycorrhizas and mast fruiting in trees: linked by climate driven tree resources?. <i>New Phytologist</i> , 2005, 167, 324-326.	7.3	17
32	Modeling tree water deficit from microclimate: an approach to quantifying drought stress. <i>Tree Physiology</i> , 2005, 25, 147-156.	3.1	199
33	EVIDENCE OF SPECIES-SPECIFIC NEIGHBORHOOD EFFECTS IN THE DIPTEROCARPACEAE OF A BORNEAN RAIN FOREST. <i>Ecology</i> , 2005, 86, 3048-3062.	3.2	143
34	Secondary succession and dipterocarp recruitment in Bornean rain forest after logging. <i>Forest Ecology and Management</i> , 2005, 218, 174-192.	3.2	89
35	Rainfall input, throughfall and stemflow of nutrients in a central African rain forest dominated by ectomycorrhizal trees. <i>Biogeochemistry</i> , 2004, 67, 73-91.	3.5	70
36	Structure and inferred dynamics of a large grove of <i>Microberlinia bisulcata</i> trees in central African rain forest: the possible role of periods of multiple disturbance events. <i>Journal of Tropical Ecology</i> , 2004, 20, 131-143.	1.1	44

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37	Resistance of a lowland rain forest to increasing drought intensity in Sabah, Borneo. <i>Journal of Tropical Ecology</i> , 2004, 20, 613-624.	1.1	37
38	Title is missing!. <i>Plant Ecology</i> , 2003, 164, 1-18.	1.6	88
39	Does low phosphorus supply limit seedling establishment and tree growth in groves of ectomycorrhizal trees in a central African rainforest?. <i>New Phytologist</i> , 2002, 156, 297-311.	7.3	51
40	Title is missing!. <i>Biogeochemistry</i> , 2002, 61, 73-94.	3.5	29
41	Title is missing!. <i>Plant Ecology</i> , 2002, 162, 169-187.	1.6	33
42	Tree architecture in a Bornean lowland rain forest: intraspecific and interspecific patterns. <i>Forestry Sciences</i> , 2001, , 279-292.	0.4	12
43	Light and seed size affect establishment of groveâ€forming ectomycorrhizal rain forest tree species. <i>New Phytologist</i> , 2001, 151, 271-289.	7.3	29
44	Shade and leaf loss affect establishment of groveâ€forming ectomycorrhizal rain forest tree species. <i>New Phytologist</i> , 2001, 151, 291-309.	7.3	17
45	Tree architecture in a Bornean lowland rain forest: intraspecific and interspecific patterns. <i>Plant Ecology</i> , 2001, 153, 279-292.	1.6	66
46	Does proximity to conspecific adults influence the establishment of ectomycorrhizal trees in rain forest?. <i>New Phytologist</i> , 2000, 147, 401-409.	7.3	57
47	Litter nutrients and retranslocation in a central African rain forest dominated by ectomycorrhizal trees. <i>New Phytologist</i> , 2000, 148, 493-510.	7.3	60
48	Preface to Changes and disturbance in tropical rainforest in Southâ€East Asia. A Discussion Meeting held at the Royal Society on 20 and 21 January 1999. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1999, 354, 1723-1724.	4.0	2
49	Primary forest dynamics in lowland dipterocarp forest at Danum Valley, Sabah, Malaysia, and the role of the understorey. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1999, 354, 1763-1782.	4.0	81
50	The ecoclimatology of Danum, Sabah, in the context of the world's rainforest regions, with particular reference to dry periods and their impact. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1999, 354, 1869-1883.	4.0	190
51	PHOSPHORUS DYNAMICS IN A LOWLAND AFRICAN RAINFOREST: THE INFLUENCE OF ECTOMYCORRHIZAL TREES. <i>Ecological Monographs</i> , 1997, 67, 367-409.	5.4	94
52	Primary lowland dipterocarp forest at Danum Valley, Sabah, Malaysia. Species composition and patterns in the understorey. <i>Plant Ecology</i> , 1996, 122, 193-220.	1.2	77
53	Ecological relationships between lianas and trees in lowland rain forest in Sabah, East Malaysia. <i>Journal of Tropical Ecology</i> , 1993, 9, 469-490.	1.1	92
54	Primary lowland dipterocarp forest at Danum Valley, Sabah, Malaysia: structure, relative abundance and family composition. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1992, 335, 341-356.	4.0	131

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55	Floristic variation within kerangas (heath) forest: re-evaluation of data from Sarawak and Brunei. <i>Plant Ecology</i> , 1991, 96, 43-86.	1.2	32
56	Ectomycorrhizal rain-forest legumes and soil phosphorus in Korup National Park, Cameroon. <i>New Phytologist</i> , 1988, 109, 433-450.	7.3	137
57	Forest composition and inferred dynamics in Jengka Forest Reserve, Malaysia. <i>Journal of Tropical Ecology</i> , 1987, 3, 25-56.	1.1	30
58	The influence of topography and soil phosphorus on the vegetation of Korup Forest Reserve, Cameroun. <i>Plant Ecology</i> , 1986, 65, 131-148.	1.2	140
59	The influence of drainage and soil phosphorus on the vegetation of Douala-Edea Forest Reserve, Cameroun. <i>Plant Ecology</i> , 1986, 65, 149-162.	1.2	51
60	Spatial pattern of trees in kerangas forest, Sarawak. <i>Plant Ecology</i> , 1986, 65, 77-89.	1.2	42
61	Herbivory and Defense in Pioneer, Gap and Understory Trees of Tropical Rain Forest in French Guiana. <i>Biotropica</i> , 1985, 17, 238.	1.6	39
62	Changes in the distribution of the coccid <i>Icerya seychellarum</i> Westw. on Aldabra Atoll in relation to vegetation density. <i>Atoll Research Bulletin</i> , 1985, 291, 1-11.	0.2	2
63	Ecological Studies in Four Contrasting Lowland Rain Forests in Gunung Mulu National Park, Sarawak: IV. Associations Between Tree Distribution and Soil Factors. <i>Journal of Ecology</i> , 1984, 72, 475.	4.0	60
64	Host-tree susceptibility to the coccid <i>Icerya seychellarum</i> Westw. (Margarodidae: Homoptera) on Aldabra Atoll: the role of leaf morphology, chemistry and phenology. <i>Oecologia</i> , 1983, 60, 333-339.	2.0	5
65	An Analysis of the Origins and Affinities of the Coccid Fauna (Coccoidea; Homoptera) of Western Indian Ocean Islands, with Special Reference to Aldabra Atoll. <i>Journal of Biogeography</i> , 1982, 9, 223.	3.0	5
66	The distribution and abundance of the coccid <i>Icerya seychellarum</i> Westw. on Aldabra atoll. <i>Ecological Entomology</i> , 1980, 5, 115-122.	2.2	14
67	Interactions between the coccid, <i>Icerya seychellarum</i> (Westw.), and its host tree species on Aldabra Atoll. <i>Oecologia</i> , 1980, 46, 171-179.	2.0	19
68	Interactions between the coccid, <i>Icerya seychellarum</i> (Westw.) and its host tree species on Aldabra Atoll. <i>Oecologia</i> , 1980, 46, 180-185.	2.0	9
69	Infestation of the coccid, <i>Icerya seychellarum</i> (Westw.), on the mangrove <i>Avicennia marina</i> (forsk.) vierh. on Aldabra Atoll, with special reference to tree age. <i>Oecologia</i> , 1980, 45, 325-330.	2.0	16