

David B Clark

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

4,742
citations

172207

29
h-index

243296

44
g-index

56
all docs

56
docs citations

56
times ranked

5174
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial and temporal scales of canopy disturbance and recovery across an old-growth tropical rain forest landscape. <i>Ecological Monographs</i> , 2022, 92, .	2.4	1
2	Physical structure and biological composition of canopies in tropical secondary and old-growth forests. <i>PLoS ONE</i> , 2021, 16, e0256571.	1.1	5
3	Annual Tropical Rainforest Productivity Through Two Decades: Complex Responses to Climatic Factors, [CO ₂] and Storm Damage. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2021JG006557.	1.3	2
4	Evaluating the potential of full-waveform lidar for mapping pan-tropical tree species richness. <i>Global Ecology and Biogeography</i> , 2020, 29, 1799-1816.	2.7	31
5	Tropical tree size-frequency distributions from airborne lidar. <i>Ecological Applications</i> , 2020, 30, e02154.	1.8	20
6	Diversity, distribution and dynamics of large trees across an old-growth lowland tropical rain forest landscape. <i>PLoS ONE</i> , 2019, 14, e0224896.	1.1	17
7	Title is missing!. , 2019, 14, e0224896.		0
8	Title is missing!. , 2019, 14, e0224896.		0
9	Title is missing!. , 2019, 14, e0224896.		0
10	Title is missing!. , 2019, 14, e0224896.		0
11	Improving Carbon Estimation of Large Tropical Trees by Linking Airborne Lidar Crown Size to Field Inventory. , 2018, , .		0
12	Pan-tropical prediction of forest structure from the largest trees. <i>Global Ecology and Biogeography</i> , 2018, 27, 1366-1383.	2.7	78
13	Three decades of annual growth, mortality, physical condition, and microsite for ten tropical rainforest tree species. <i>Ecology</i> , 2018, 99, 1901-1901.	1.5	3
14	Canopy area of large trees explains aboveground biomass variations across neotropical forest landscapes. <i>Biogeosciences</i> , 2018, 15, 3377-3390.	1.3	32
15	Topography and Three-Dimensional Structure Can Estimate Tree Diversity along a Tropical Elevational Gradient in Costa Rica. <i>Remote Sensing</i> , 2018, 10, 629.	1.8	11
16	Multidecadal stability in tropical rain forest structure and dynamics across an old-growth landscape. <i>PLoS ONE</i> , 2017, 12, e0183819.	1.1	7
17	Environmental gradients and the evolution of successional habitat specialization: a test case with 14 Neotropical forest sites. <i>Journal of Ecology</i> , 2015, 103, 1276-1290.	1.9	50
18	Tropical Rain Forest Structure, Tree Growth and Dynamics along a 2700-m Elevational Transect in Costa Rica. <i>PLoS ONE</i> , 2015, 10, e0122905.	1.1	54

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19	Comparison of direct and indirect methods for assessing leaf area index across a tropical rain forest landscape. <i>Agricultural and Forest Meteorology</i> , 2013, 177, 110-116.	1.9	60
20	Compositional shifts in Neotropical forests due to climate-driven species migrations. <i>Global Change Biology</i> , 2013, 19, 3472-3480.	4.2	87
21	Field-quantified responses of tropical rainforest aboveground productivity to increasing CO ₂ and climatic stress, 1997-2009. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2013, 118, 783-794.	1.3	110
22	Response of an old-growth tropical rainforest to transient high temperature and drought. <i>Global Change Biology</i> , 2013, 19, 3423-3434.	4.2	25
23	Quantifying spatial and temporal dynamics of tropical forest structure using high resolution airborne lidar. , 2012, , .		4
24	Tropical forest biomass estimation and the fallacy of misplaced concreteness. <i>Journal of Vegetation Science</i> , 2012, 23, 1191-1196.	1.1	148
25	Retrieval of vertical LAI profiles over tropical rain forests using waveform lidar at La Selva, Costa Rica. <i>Remote Sensing of Environment</i> , 2012, 124, 242-250.	4.6	202
26	Annual tree growth, mortality, physical condition, and microsite in an old-growth tropical rain forest, 1983-2010. <i>Ecology</i> , 2012, 93, 213-213.	1.5	3
27	Assessing Tropical Forests' Climatic Sensitivities with Long-term Data. <i>Biotropica</i> , 2011, 43, 31-40.	0.8	33
28	A Letter to the ESA Bulletin. <i>Bulletin of the Ecological Society of America</i> , 2010, 91, 281-281.	0.2	0
29	Annual Rainfall and Seasonality Predict Pan-tropical Patterns of Liana Density and Basal Area. <i>Biotropica</i> , 2010, 42, 309-317.	0.8	134
30	Annual wood production in a tropical rain forest in NE Costa Rica linked to climatic variation but not to increasing CO ₂ . <i>Global Change Biology</i> , 2010, 16, 747-759.	4.2	222
31	Pervasive canopy dynamics produce short-term stability in a tropical rain forest landscape. <i>Ecology Letters</i> , 2009, 12, 155-164.	3.0	79
32	Canopy height and ground elevation in a mixed-land-use lowland Neotropical rain forest landscape. <i>Ecology</i> , 2009, 90, 3274-3274.	1.5	16
33	First direct landscape-scale measurement of tropical rain forest Leaf Area Index, a key driver of global primary productivity. <i>Ecology Letters</i> , 2008, 11, 163-172.	3.0	130
34	Density, Distribution, and Attributes of Tree Cavities in an Old-growth Tropical Rain Forest. <i>Biotropica</i> , 2008, 40, 241-245.	0.8	35
35	Environmental and neighbourhood effects on tree fern distributions in a neotropical lowland rain forest. <i>Journal of Vegetation Science</i> , 2007, 18, 13-24.	1.1	38
36	TREE GROWTH, MORTALITY, PHYSICAL CONDITION, AND MICROSITE IN AN OLD-GROWTH LOWLAND TROPICAL RAIN FOREST. <i>Ecology</i> , 2006, 87, 2132-2132.	1.5	20

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37	Effects of mesoscale environmental heterogeneity and dispersal limitation on floristic variation in rain forest ferns. <i>Journal of Ecology</i> , 2006, 94, 181-195.	1.9	207
38	APPLICATION OF 1-M AND 4-M RESOLUTION SATELLITE DATA TO ECOLOGICAL STUDIES OF TROPICAL RAIN FORESTS. , 2004, 14, 61-74.		86
39	Quantifying mortality of tropical rain forest trees using high-spatial-resolution satellite data. <i>Ecology Letters</i> , 2004, 7, 52-59.	3.0	109
40	SHORT COMMUNICATION Inferring growth rates from leaf display in tropical forest saplings. <i>Journal of Tropical Ecology</i> , 2004, 20, 351-354.	0.5	4
41	Application of merged 1-m and 4-m resolution satellite data to research and management in tropical forests. <i>Journal of Applied Ecology</i> , 2003, 40, 592-600.	1.9	88
42	Above-ground biomass estimation in closed canopy Neotropical forests using lidar remote sensing: factors affecting the generality of relationships. <i>Global Ecology and Biogeography</i> , 2003, 12, 147-159.	2.7	269
43	GETTING TO THE CANOPY: TREE HEIGHT GROWTH IN A NEOTROPICAL RAIN FOREST. <i>Ecology</i> , 2001, 82, 1460-1472.	1.5	100
44	GETTING TO THE CANOPY: TREE HEIGHT GROWTH IN A NEOTROPICAL RAIN FOREST. , 2001, 82, 1460.		1
45	TREE GROWTH, MORTALITY, PHYSICAL CONDITION, AND MICROSITE IN OLD-GROWTH LOWLAND TROPICAL RAIN FOREST <i>Ecological Archives E081-003</i> . <i>Ecology</i> , 2000, 81, 294-294.	1.5	5
46	ASSESSING THE GROWTH OF TROPICAL RAIN FOREST TREES: ISSUES FOR FOREST MODELING AND MANAGEMENT. , 1999, 9, 981-997.		154
47	EDAPHIC FACTORS AND THE LANDSCAPE-SCALE DISTRIBUTIONS OF TROPICAL RAIN FOREST TREES. <i>Ecology</i> , 1999, 80, 2662-2675.	1.5	402
48	EDAPHIC FACTORS AND THE LANDSCAPE-SCALE DISTRIBUTIONS OF TROPICAL RAIN FOREST TREES. , 1999, 80, 2662.		19
49	ASSESSING THE GROWTH OF TROPICAL RAIN FOREST TREES: ISSUES FOR FOREST MODELING AND MANAGEMENT. , 1999, 9, 981.		6
50	Edaphic variation and the mesoscale distribution of tree species in a neotropical rain forest. <i>Journal of Ecology</i> , 1998, 86, 101-112.	1.9	313
51	Landscape-scale evaluation of understory light and canopy structures: methods and application in a neotropical lowland rain forest. <i>Canadian Journal of Forest Research</i> , 1996, 26, 747-757.	0.8	156
52	Abundance, growth and mortality of very large trees in neotropical lowland rain forest. <i>Forest Ecology and Management</i> , 1996, 80, 235-244.	1.4	164
53	Abolishing virginity. <i>Journal of Tropical Ecology</i> , 1996, 12, 735-739.	0.5	154
54	Edaphic and Human Effects on Landscape-Scale Distributions of Tropical Rain Forest Palms. <i>Ecology</i> , 1995, 76, 2581-2594.	1.5	161

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55	Life History Diversity of Canopy and Emergent Trees in a Neotropical Rain Forest. Ecological Monographs, 1992, 62, 315-344.	2.4	637
56	Leaf Production and the Cost of Reproduction in the Neotropical Rain Forest Cycad, <i>Zamia Skinneri</i> . Journal of Ecology, 1988, 76, 1153.	1.9	50