

Deborah A Clark

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

6,514
citations

136885

32
h-index

189801

50
g-index

61
all docs

61
docs citations

61
times ranked

6342
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	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
5	Title is missing!. , 2019, 14, e0224896.		0
6	Title is missing!. , 2019, 14, e0224896.		0
7	Title is missing!. , 2019, 14, e0224896.		0
8	Title is missing!. , 2019, 14, e0224896.		0
9	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
10	Reviews and syntheses: Field data to benchmark the carbon cycle models for tropical forests. <i>Biogeosciences</i> , 2017, 14, 4663-4690.	1.3	27
11	Multidecadal stability in tropical rain forest structure and dynamics across an old-growth landscape. <i>PLoS ONE</i> , 2017, 12, e0183819.	1.1	7
12	Climate seasonality limits leaf carbon assimilation and wood productivity in tropical forests. <i>Biogeosciences</i> , 2016, 13, 2537-2562.	1.3	108
13	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
14	Aboveground Tree Growth Varies with Belowground Carbon Allocation in a Tropical Rainforest Environment. <i>PLoS ONE</i> , 2014, 9, e100275.	1.1	44
15	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
16	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
17	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
18	The $\delta^{15}N$ signature of the detrital food web tracks a landscape-scale soil phosphorus gradient in a Costa Rican lowland tropical rain forest. <i>Journal of Tropical Ecology</i> , 2012, 28, 395-403.	0.5	5

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19	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
20	Assessing Tropical Forests' Climatic Sensitivities with Long-term Data. <i>Biotropica</i> , 2011, 43, 31-40.	0.8	33
21	Allometry of emergent tree species from saplings to above-canopy adults in a Costa Rican rain forest. <i>Journal of Tropical Ecology</i> , 2011, 27, 573-579.	0.5	21
22	Phosphorus Sorption Dynamics of Anion Exchange Resin Membranes in Tropical Rain Forest Soils. <i>Soil Science Society of America Journal</i> , 2011, 75, 1520-1529.	1.2	10
23	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
24	Height is more important than light in determining leaf morphology in a tropical forest. <i>Ecology</i> , 2010, 91, 1730-1739.	1.5	113
25	Litter Biomass and Nutrient Determinants of Ant Density, Nest Size, and Growth in a Costa Rican Tropical Wet Forest. <i>Biotropica</i> , 2009, 41, 234-240.	0.8	45
26	Rain forest nutrient cycling and productivity in response to large-scale litter manipulation. <i>Ecology</i> , 2009, 90, 109-121.	1.5	92
27	Tree growth inference and prediction when the point of measurement changes: modelling around buttresses in tropical forests. <i>Journal of Tropical Ecology</i> , 2009, 25, 1-12.	0.5	47
28	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
29	Phenology and Stem Diameter Increment Seasonality in a Costa Rican Wet Tropical Forest. <i>Biotropica</i> , 2008, 40, 151-159.	0.8	32
30	Detecting Tropical Forests' Responses to Global Climatic and Atmospheric Change: Current Challenges and a Way Forward. <i>Biotropica</i> , 2007, 39, 4-19.	0.8	126
31	Phosphorus Limits Tropical Rain Forest Litter Fauna. <i>Biotropica</i> , 2007, 39, 50-53.	0.8	44
32	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
33	PERSISTENCE OF ROCK-DERIVED NUTRIENTS IN THE WET TROPICAL FORESTS OF LA SELVA, COSTA RICA. <i>Ecology</i> , 2006, 87, 594-602.	1.5	53
34	Determinants of Leaf Litter Nutrient Cycling in a Tropical Rain Forest: Soil Fertility Versus Topography. <i>Ecosystems</i> , 2006, 9, 700-710.	1.6	51
35	Variation in leaf litter nutrients of a Costa Rican rain forest is related to precipitation. <i>Biogeochemistry</i> , 2005, 73, 417-437.	1.7	44
36	APPLICATION OF 1-M AND 4-M RESOLUTION SATELLITE DATA TO ECOLOGICAL STUDIES OF TROPICAL RAIN FORESTS. , 2004, 14, 61-74.		86

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37	Soil stocks of glomalin produced by arbuscular mycorrhizal fungi across a tropical rain forest landscape. <i>Journal of Ecology</i> , 2004, 92, 278-287.	1.9	233
38	Sources or sinks? The responses of tropical forests to current and future climate and atmospheric composition. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2004, 359, 477-491.	1.8	206
39	Substantial labile carbon stocks and microbial activity in deeply weathered soils below a tropical wet forest. <i>Global Change Biology</i> , 2003, 9, 1171-1184.	4.2	99
40	Age and Long-term Growth of Trees in an Old-growth Tropical Rain Forest, Based on Analyses of Tree Rings and ¹⁴ C1. <i>Biotropica</i> , 2003, 35, 306-317.	0.8	143
41	ARE TROPICAL FORESTS AN IMPORTANT CARBON SINK? REANALYSIS OF THE LONG-TERM PLOT DATA. , 2002, 12, 3-7.		161
42	Stocks and flows of coarse woody debris across a tropical rain forest nutrient and topography gradient. <i>Forest Ecology and Management</i> , 2002, 164, 237-248.	1.4	160
43	MEASURING NET PRIMARY PRODUCTION IN FORESTS: CONCEPTS AND FIELD METHODS. , 2001, 11, 356-370.		748
44	NET PRIMARY PRODUCTION IN TROPICAL FORESTS: AN EVALUATION AND SYNTHESIS OF EXISTING FIELD DATA. , 2001, 11, 371-384.		540
45	GETTING TO THE CANOPY: TREE HEIGHT GROWTH IN A NEOTROPICAL RAIN FOREST. <i>Ecology</i> , 2001, 82, 1460-1472.	1.5	100
46	GETTING TO THE CANOPY: TREE HEIGHT GROWTH IN A NEOTROPICAL RAIN FOREST. , 2001, 82, 1460.		1
47	TREE GROWTH, MORTALITY, PHYSICAL CONDITION, AND MICROSITE IN OLD-GROWTH LOWLAND TROPICAL RAIN FOREST <i>Ecological Archives E081-003. Ecology</i> , 2000, 81, 294-294.	1.5	5
48	ASSESSING THE GROWTH OF TROPICAL RAIN FOREST TREES: ISSUES FOR FOREST MODELING AND MANAGEMENT. , 1999, 9, 981-997.		154
49	EDAPHIC FACTORS AND THE LANDSCAPE-SCALE DISTRIBUTIONS OF TROPICAL RAIN FOREST TREES. <i>Ecology</i> , 1999, 80, 2662-2675.	1.5	402
50	Light fluctuations, crown traits, and response delays for tree saplings in a Costa Rican lowland rain forest. <i>Journal of Tropical Ecology</i> , 1999, 15, 83-95.	0.5	35
51	Edaphic Factors and the Landscape-Scale Distributions of Tropical Rain Forest Trees. <i>Ecology</i> , 1999, 80, 2662.	1.5	19
52	Assessing the Growth of Tropical Rain Forest Trees: Issues for Forest Modeling and Management. , 1999, 9, 981.		6
53	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
54	WILSON, D.E. & SANDOVAL, A. (eds) 1996. <i>Manu: the biodiversity of Southeastern Peru, la biodiversidad del sureste del Perú</i> . The Smithsonian Institution, Washington, D.C. 679 pp. ISBN 1-56098-710-3. Price \$35.00 (paperback).. <i>Journal of Tropical Ecology</i> , 1998, 14, 562-563.	0.5	1

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55	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
56	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
57	Edaphic and Human Effects on Landscape-Scale Distributions of Tropical Rain Forest Palms. <i>Ecology</i> , 1995, 76, 2581-2594.	1.5	161
58	Climate-Induced Annual Variation in Canopy Tree Growth in a Costa Rican Tropical Rain Forest. <i>Journal of Ecology</i> , 1994, 82, 865.	1.9	140
59	Woody-tissue respiration for <i>Simarouba amara</i> and <i>Miconia guianensis</i> , two tropical wet forest trees with different growth habits. <i>Oecologia</i> , 1994, 100, 213-220.	0.9	99
60	Life History Diversity of Canopy and Emergent Trees in a Neotropical Rain Forest. <i>Ecological Monographs</i> , 1992, 62, 315-344.	2.4	637
61	The Impact of Physical Damage on Canopy Tree Regeneration in Tropical Rain Forest. <i>Journal of Ecology</i> , 1991, 79, 447.	1.9	195