

Mark D Schulze

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

3,604
citations

218677

26
h-index

302126

39
g-index

40
all docs

40
docs citations

40
times ranked

5285
citing authors

#	ARTICLE	IF	CITATIONS
1	Positive Feedbacks in the Fire Dynamic of Closed Canopy Tropical Forests. <i>Science</i> , 1999, 284, 1832-1835.	12.6	847
2	An estimate of the number of tropical tree species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7472-7477.	7.1	335
3	Fire as a Recurrent Event in Tropical Forests of the Eastern Amazon: Effects on Forest Structure, Biomass, and Species Composition ¹ . <i>Biotropica</i> , 1999, 31, 2-16.	1.6	313
4	Fire as a Recurrent Event in Tropical Forests of the Eastern Amazon: Effects on Forest Structure, Biomass, and Species Composition. <i>Biotropica</i> , 1999, 31, 2.	1.6	286
5	Spatial models reveal the microclimatic buffering capacity of old-growth forests. <i>Science Advances</i> , 2016, 2, e1501392.	10.3	225
6	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.	7.1	144
7	The contribution of insects to global forest deadwood decomposition. <i>Nature</i> , 2021, 597, 77-81.	27.8	123
8	Climate seasonality limits leaf carbon assimilation and wood productivity in tropical forests. <i>Biogeosciences</i> , 2016, 13, 2537-2562.	3.3	108
9	Forest Fires in the Brazilian Amazon. <i>Conservation Biology</i> , 1998, 12, 948-950.	4.7	107
10	How rare is too rare to harvest?. <i>Forest Ecology and Management</i> , 2008, 256, 1443-1457.	3.2	82
11	Pan-tropical prediction of forest structure from the largest trees. <i>Global Ecology and Biogeography</i> , 2018, 27, 1366-1383.	5.8	78
12	Fake legal logging in the Brazilian Amazon. <i>Science Advances</i> , 2018, 4, eaat1192.	10.3	75
13	Evaluating ipã (Tabebuia, Bignoniaceae) logging in Amazonia: Sustainable management or catalyst for forest degradation?. <i>Biological Conservation</i> , 2008, 141, 2071-2085.	4.1	73
14	A Comparison of the Phyllostomid Bat Assemblages in Undisturbed Neotropical Forest and in Forest Fragments of a Slash-and-Burn Farming Mosaic in Peten, Guatemala ¹ . <i>Biotropica</i> , 2000, 32, 174-184.	1.6	72
15	What loggers leave behind: Impacts on big-leaf mahogany (<i>Swietenia macrophylla</i>) commercial populations and potential for post-logging recovery in the Brazilian Amazon. <i>Forest Ecology and Management</i> , 2008, 255, 269-281.	3.2	72
16	Technical and financial analysis of enrichment planting in logging gaps as a potential component of forest management in the eastern Amazon. <i>Forest Ecology and Management</i> , 2008, 255, 866-879.	3.2	69
17	Beyond Reaping the First Harvest: Management Objectives for Timber Production in the Brazilian Amazon. <i>Conservation Biology</i> , 2007, 21, 916-925.	4.7	54
18	Adaptation of a spatially explicit individual tree-based growth and yield model and long-term comparison between reduced-impact and conventional logging in eastern Amazonia, Brazil. <i>Forest Ecology and Management</i> , 2007, 243, 187-198.	3.2	52

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19	Imaging canopy temperature: shedding (thermal) light on ecosystem processes. <i>New Phytologist</i> , 2021, 230, 1746-1753.	7.3	47
20	The Impact of Annual and Seasonal Rainfall Patterns on Growth and Phenology of Emergent Tree Species in Southeastern Amazonia, Brazil. <i>Biotropica</i> , 2012, 44, 331-340.	1.6	42
21	Canopy dynamics in unlogged and logged forest stands in the eastern Amazon. <i>Forest Ecology and Management</i> , 2006, 236, 56-64.	3.2	36
22	Forest certification in Amazonia: standards matter. <i>Oryx</i> , 2008, 42, .	1.0	35
23	A Model for comparing reduced impact logging with conventional logging for an Eastern Amazonian Forest. <i>Forest Ecology and Management</i> , 2010, 260, 2002-2011.	3.2	32
24	Big-leaf mahogany (<i>Swietenia macrophylla</i>) population dynamics and implications for sustainable management. <i>Journal of Applied Ecology</i> , 2014, 51, 664-674.	4.0	32
25	Identifying bias in stand-level growth and yield estimations: A case study in eastern Brazilian Amazonia. <i>Forest Ecology and Management</i> , 2006, 236, 127-135.	3.2	30
26	The sustainability of timber production from Eastern Amazonian forests. <i>Land Use Policy</i> , 2012, 29, 339-350.	5.6	28
27	Enrichment planting as a silvicultural option in the eastern Amazon: Case study of Fazenda Cauaxi. <i>Forest Ecology and Management</i> , 2009, 258, 1950-1959.	3.2	26
28	Management implications of long-term tree growth and mortality rates: A modeling study of big-leaf mahogany (<i>Swietenia macrophylla</i>) in the Brazilian Amazon. <i>Forest Ecology and Management</i> , 2014, 330, 46-54.	3.2	26
29	A long-term perspective on microclimate and spring plant phenology in the Western Cascades. <i>Ecosphere</i> , 2018, 9, e02451.	2.2	23
30	Sustainability of Brazilian forest concessions. <i>Forest Ecology and Management</i> , 2021, 496, 119440.	3.2	22
31	Temporal consistency of undercanopy thermal refugia in old-growth forest. <i>Agricultural and Forest Meteorology</i> , 2021, 307, 108520.	4.8	17
32	Technical Challenges to Sustainable Forest Management in Concessions on Public Lands in the Brazilian Amazon. <i>Journal of Sustainable Forestry</i> , 2008, 26, 61-76.	1.4	15
33	Estimating the number of trees and forest area necessary to supply internationally traded volumes of big-leaf mahogany (<i>Swietenia macrophylla</i>) in Amazonia. <i>Environmental Conservation</i> , 2008, 35, .	1.3	12
34	Population Structure and Fruit Production of <i>Carapa guianensis</i> (Andiroba) in Amazonian Floodplain Forests. <i>Tropical Conservation Science</i> , 2017, 10, 194008291771883.	1.2	10
35	Long-term hydrology and aquatic biogeochemistry data from H. J. Andrews Experimental Forest, Cascade Mountains, Oregon. <i>Hydrological Processes</i> , 2021, 35, e14187.	2.6	10
36	Current Brazilian forest management guidelines are unsustainable for <i>Swietenia</i> , <i>Cedrela</i> , <i>Amburana</i> , and <i>Copaifera</i> : A response to da Cunha and colleagues. <i>Forest Ecology and Management</i> , 2017, 386, 81-83.	3.2	9

#	ARTICLE	IF	CITATIONS
37	Following the Rules: Brazilian Logging Concessions under Imperfect Enforcement and Royalties. <i>Land Economics</i> , 2010, 86, 493-513.	0.9	7
38	Survival, growth and reproduction by big-leaf mahogany (<i>Swietenia macrophylla</i>) in open clearing vs. forested conditions in Brazil. <i>New Forests</i> , 2010, 40, 335-347.	1.7	6