

Susan G Letcher

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

4,636
citations

257450

24
h-index

377865

34
g-index

40
all docs

40
docs citations

40
times ranked

6413
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomass resilience of Neotropical secondary forests. <i>Nature</i> , 2016, 530, 211-214.	27.8	763
2	Rates of change in tree communities of secondary Neotropical forests following major disturbances. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2007, 362, 273-289.	4.0	441
3	Carbon sequestration potential of second-growth forest regeneration in the Latin American tropics. <i>Science Advances</i> , 2016, 2, e1501639.	10.3	423
4	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
5	Biodiversity recovery of Neotropical secondary forests. <i>Science Advances</i> , 2019, 5, eaau3114.	10.3	291
6	Rapid Recovery of Biomass, Species Richness, and Species Composition in a Forest Chronosequence in Northeastern Costa Rica. <i>Biotropica</i> , 2009, 41, 608-617.	1.6	264
7	A novel statistical method for classifying habitat generalists and specialists. <i>Ecology</i> , 2011, 92, 1332-1343.	3.2	203
8	The database of the <sc>PREDICTS</sc> (Projecting Responses of Ecological Diversity In Changing Tj ETQq0 0 0 rgBT /Overlock 10 T	1.9	186
9	The <sc>PREDICTS</sc> database: a global database of how local terrestrial biodiversity responds to human impacts. <i>Ecology and Evolution</i> , 2014, 4, 4701-4735.	1.9	178
10	Multidimensional tropical forest recovery. <i>Science</i> , 2021, 374, 1370-1376.	12.6	165
11	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
12	Phylogenetic structure of angiosperm communities during tropical forest succession. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 97-104.	2.6	142
13	Wet and dry tropical forests show opposite successional pathways in wood density but converge over time. <i>Nature Ecology and Evolution</i> , 2019, 3, 928-934.	7.8	120
14	Disturbance regime changes the trait distribution, phylogenetic structure and community assembly of tropical rain forests. <i>Oikos</i> , 2012, 121, 1263-1270.	2.7	117
15	Legume abundance along successional and rainfall gradients in Neotropical forests. <i>Nature Ecology and Evolution</i> , 2018, 2, 1104-1111.	7.8	107
16	Demographic drivers of successional changes in phylogenetic structure across life-history stages in plant communities. <i>Ecology</i> , 2012, 93, S70.	3.2	106
17	Phylogenetic community structure during succession: Evidence from three Neotropical forest sites. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2012, 14, 79-87.	2.7	89
18	Lianas and self-supporting plants during tropical forest succession. <i>Forest Ecology and Management</i> , 2009, 257, 2150-2156.	3.2	81

#	ARTICLE	IF	CITATIONS
19	Increasing Liana Abundance and Basal Area in a Tropical Forest: The Contribution of Long-distance Clonal Colonization. <i>Biotropica</i> , 2013, 45, 317-324.	1.6	70
20	Recovery of woody plant diversity in tropical rain forests in southern China after logging and shifting cultivation. <i>Biological Conservation</i> , 2012, 145, 225-233.	4.1	62
21	Recovery of floristic diversity and basal area in natural forest regeneration and planted plots in a Costa Rican wet forest. <i>Biotropica</i> , 2016, 48, 798-808.	1.6	58
22	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.	4.0	50
23	Functional recovery of secondary tropical forests. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	34
24	Associations between plant composition/diversity and the abiotic environment across six vegetation types in a biodiversity hotspot of Hainan Island, China. <i>Plant and Soil</i> , 2016, 403, 21-35.	3.7	26
25	Opposing mechanisms affect taxonomic convergence between tree assemblages during tropical forest succession. <i>Ecology Letters</i> , 2017, 20, 1448-1458.	6.4	24
26	Life History Traits of Lianas During Tropical Forest Succession. <i>Biotropica</i> , 2012, 44, 720-727.	1.6	21
27	Diversity, distribution and dynamics of large trees across an old-growth lowland tropical rain forest landscape. <i>PLoS ONE</i> , 2019, 14, e0224896.	2.5	17
28	Variations and Trade-offs in Functional Traits of Tree Seedlings during Secondary Succession in a Tropical Lowland Rain Forest. <i>Biotropica</i> , 2014, 46, 404-414.	1.6	11
29	Juvenile tree growth in relation to light availability in second-growth tropical rain forests. <i>Journal of Tropical Ecology</i> , 2006, 22, 223-226.	1.1	10
30	Strong floristic distinctiveness across Neotropical successional forests. <i>Science Advances</i> , 2022, 8, .	10.3	10
31	A ten-year record reveals the importance of tree species' habitat specialization in driving successional trajectories on Hainan Island, China. <i>Forest Ecology and Management</i> , 2022, 507, 120027.	3.2	8
32	Aboveground and belowground competition affect seedling performance and allometry in a tropical monsoon forest. <i>New Forests</i> , 2016, 47, 529-540.	1.7	6
33	Tree functional traits as predictors of microburst-associated treefalls in tropical wet forests. <i>Biotropica</i> , 2020, 52, 410-414.	1.6	5
34	Three decades of annual growth, mortality, physical condition, and microsite for ten tropical rainforest tree species. <i>Ecology</i> , 2018, 99, 1901-1901.	3.2	3
35	Title is missing!. , 2019, 14, e0224896.		0
36	Title is missing!. , 2019, 14, e0224896.		0

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37	Title is missing!. , 2019, 14, e0224896.		0
38	Title is missing!. , 2019, 14, e0224896.		0