Liza S Comita

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6783177/publications.pdf

Version: 2024-02-01

80 papers	8,488 citations	94433 37 h-index	66911 78 g-index
84 all docs	84 docs citations	84 times ranked	9420 citing authors

#	Article	IF	Citations
1	Navigating the multiple meanings of Î² diversity: a roadmap for the practicing ecologist. Ecology Letters, 2011, 14, 19-28.	6.4	1,899
2	Drought sensitivity shapes species distribution patterns in tropical forests. Nature, 2007, 447, 80-82.	27.8	867
3	Disentangling the Drivers of Î² Diversity Along Latitudinal and Elevational Gradients. Science, 2011, 333, 1755-1758.	12.6	617
4	Asymmetric Density Dependence Shapes Species Abundances in a Tropical Tree Community. Science, 2010, 329, 330-332.	12.6	551
5	Testing predictions of the <scp>J</scp>anzenâ€“<scp>C</scp>onnell hypothesis: a metaâ€analysis of experimental evidence for distanceâ€and densityâ€dependent seed and seedling survival. Journal of Ecology, 2014, 102, 845-856.	4.0	487
6	Local neighborhood and species' shade tolerance influence survival in a diverse seedling bank. Ecology, 2009, 90, 328-334.	3.2	197
7	When and where plantâ€soil feedback may promote plant coexistence: a metaâ€analysis. Ecology Letters, 2019, 22, 1274-1284.	6.4	195
8	Trait similarity, shared ancestry and the structure of neighbourhood interactions in a subtropical wet forest: implications for community assembly. Ecology Letters, 2010, 13, 1503-1514.	6.4	184
9	Developmental changes in habitat associations of tropical trees. Journal of Ecology, 2007, 95, 482-492.	4.0	174
10	Nonrandom Processes Maintain Diversity in Tropical Forests. Science, 2006, 311, 527-531.	12.6	166
11	Conspecific and phylogenetic densityâ€dependent survival differs across life stages in a tropical forest. Journal of Ecology, 2015, 103, 957-966.	4.0	161
12	Dung beetles as indicators of tropical forest restoration success: Is it possible to recover species and functional diversity?. Biological Conservation, 2014, 169, 248-257.	4.1	158
13	Functional traits as predictors of vital rates across the life cycle of tropical trees. Functional Ecology, 2016, 30, 168-180.	3.6	152
14	Abiotic and biotic drivers of seedling survival in a hurricaneâ€impacted tropical forest. Journal of Ecology, 2009, 97, 1346-1359.	4.0	142
15	Seasonal and spatial variation in water availability drive habitat associations in a tropical forest. Ecology, 2009, 90, 2755-2765.	3.2	141
16	Communityâ€level consequences of density dependence and habitat association in a subtropical broadâ€leaved forest. Ecology Letters, 2010, 13, 695-704.	6.4	129
17	ForestGEO: Understanding forest diversity and dynamics through a global observatory network. Biological Conservation, 2021, 253, 108907.	4.1	122
18	Stochastic and deterministic drivers of spatial and temporal turnover in breeding bird communities. Global Ecology and Biogeography, 2013, 22, 202-212.	5.8	121

#	Article	IF	Citations
19	Aboveâ€ground biomass is driven by massâ€ratio effects and stand structural attributes in a temperate deciduous forest. Journal of Ecology, 2018, 106, 561-570.	4.0	116
20	Density dependence across multiple life stages in a temperate old-growth forest of northeast China. Oecologia, 2013, 172, 207-217.	2.0	113
21	Strategies for fitting nonlinear ecological models in <scp>R</scp>,<scp> AD M</scp>odel <scp>B</scp>uilder, and <scp>BUGS</scp>. Methods in Ecology and Evolution, 2013, 4, 501-512.	5.2	104
22	Beyond the fastâ€“slow continuum: demographic dimensions structuring a tropical tree community. Ecology Letters, 2018, 21, 1075-1084.	6.4	100
23	Multidimensional tradeâ€offs in species responses to disturbance: implications for diversity in a subtropical forest. Ecology, 2012, 93, 191-205.	3.2	82
24	Abiotic niche partitioning and negative density dependence drive tree seedling survival in a tropical forest. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20172210.	2.6	81
25	Patterns of woody plant species abundance and diversity in the seedling layer of a tropical forest. Journal of Vegetation Science, 2007, 18, 163.	2.2	78
26	Seasonal differentiation in densityâ€dependent seedling survival in a tropical rain forest. Journal of Ecology, 2012, 100, 905-914.	4.0	76
27	Tropical tree species assemblages in topographical habitats change in time and with life stage. Journal of Ecology, 2011, 99, 1441-1452.	4.0	63
28	Habitat specificity and diversity of tree species in an African wet tropical forest. Plant Ecology, 2011, 212, 1363-1374.	1.6	56
29	Species associations structured by environment and landâ€use history promote betaâ€diversity in a temperate forest. Ecology, 2015, 96, 705-715.	3.2	54
30	Evidence of within-species specialization by soil microbes and the implications for plant community diversity. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 7371-7376.	7.1	54
31	Tree species vary widely in their tolerance for liana infestation: A case study of differential host response to generalist parasites. Journal of Ecology, 2018, 106, 781-794.	4.0	53
32	Local-Scale Drivers of Tree Survival in a Temperate Forest. PLoS ONE, 2012, 7, e29469.	2.5	52
33	Lifeâ€history tradeâ€offs during the seedâ€toâ€seedling transition in a subtropical wet forest community. Journal of Ecology, 2013, 101, 171-182.	4.0	48
34	Interspecific variation in conspecific negative density dependence can make species less likely to coexist. Ecology Letters, 2018, 21, 1541-1551.	6.4	48
35	Higher Î²â€diversity observed for herbs over woody plants is driven by stronger habitat filtering in a tropical understory. Ecology, 2016, 97, 2074-2084.	3.2	47
36	Distanceâ€dependent seedling mortality and longâ€term spacing dynamics in a neotropical forest community. Ecology Letters, 2017, 20, 1469-1478.	6.4	46

#	Article	IF	Citations
37	The contribution of understory light availability and biotic neighborhood to seedling survival in secondary versus old-growth temperate forest. Plant Ecology, 2014, 215, 795-807.	1.6	43
38	Drought as a driver of tropical tree species regeneration dynamics and distribution patterns. , 2014, , 261-308.		38
39	Patch dynamics and community metastability of a subtropical forest: compound effects of natural disturbance and human land use. Landscape Ecology, 2010, 25, 1099-1111.	4.2	37
40	Interactive effects of land use history and natural disturbance on seedling dynamics in a subtropical forest. Ecological Applications, 2010, 20, 1270-1284.	3.8	35
41	Temporal and spatial variability in seedling dynamics: a cross-site comparison in four lowland tropical forests. Journal of Tropical Ecology, 2008, 24, 9-18.	1.1	34
42	Drivers of community assembly in tropical forest restoration sites: role of local environment, landscape, and space. Ecological Applications, 2017, 27, 1731-1745.	3.8	33
43	Weaker plant-enemy interactions decrease tree seedling diversity with edge-effects in a fragmented tropical forest. Nature Communications, 2018, 9, 4523.	12.8	32
44	Tools for enhancing interdisciplinary communication. Sustainability: Science, Practice, and Policy, 2011, 7, 74-80.	1.9	28
45	Forest tree neighborhoods are structured more by negative conspecific density dependence than by interactions among closely related species. Ecography, 2018, 41, 1114-1123.	4.5	27
46	Surviving in a Cosexual World: A Cost-Benefit Analysis of Dioecy in Tropical Trees. American Naturalist, 2017, 189, 297-314.	2.1	23
47	Edge effects reduce Î±â€diversity but not Î²â€diversity during community assembly in a humanâ€modified tropical forest. Ecological Applications, 2019, 29, e01996.	3.8	23
48	Contrasting patterns of insect herbivory and predation pressure across a tropical rainfall gradient. Biotropica, 2018, 50, 302-311.	1.6	22
49	Evidence for arrested succession within a tropical forest fragment in Singapore. Journal of Tropical Ecology, 2011, 27, 323-326.	1.1	21
50	Shifts in taxonomic and functional composition of trees along rainfall and phosphorus gradients in central Panama. Journal of Ecology, 2021, 109, 51-61.	4.0	21
51	Influence of soil pathogens on early regeneration success of tropical trees varies between forest edge and interior. Oecologia, 2018, 186, 259-268.	2.0	20
52	Macroâ€scale variation and environmental predictors of flowering and fruiting phenology in the Chinese angiosperm flora. Journal of Biogeography, 2020, 47, 2303-2314.	3.0	20
53	Historic Mining and Agriculture as Indicators of Occurrence and Abundance of Widespread Invasive Plant Species. PLoS ONE, 2015, 10, e0128161.	2.5	19
54	How latitude affects biotic interactions. Science, 2017, 356, 1328-1329.	12.6	19

#	Article	IF	Citations
55	Biotic vs abiotic drivers of seedling persistence in a tropical karst forest. Journal of Vegetation Science, 2017, 28, 206-217.	2.2	19
56	Resolving the paradox of clumped seed dispersal: positive density and distance dependence in a batâ€dispersed species. Ecology, 2018, 99, 2583-2591.	3.2	18
57	Environmental gradients structure tropical tree assemblages at the regional scale. Journal of Vegetation Science, 2016, 27, 1117-1128.	2.2	17
58	Seedâ€toâ€seedling transitions exhibit distanceâ€dependent mortality but no strong spacing effects in a Neotropical forest. Ecology, 2020, 101, e02926.	3.2	15
59	Increased mortality of tropical tree seedlings during the extreme 2015â€“16 El NiÃ±o. Global Change Biology, 2021, 27, 5043-5053.	9.5	15
60	Tree seedling richness, but not neighborhood composition, influences insect herbivory in a temperate deciduous forest community. Ecology and Evolution, 2016, 6, 6310-6319.	1.9	14
61	Local adaptation to herbivory within tropical tree species along a rainfall gradient. Ecology, 2020, 101, e03151.	3.2	14
62	Differences among species in seed dispersal and conspecific neighbor effects can interact to influence coexistence. Theoretical Ecology, 2020, 13, 551-581.	1.0	14
63	Long-term research impacts on seedling community structure and composition in a permanent forest plot. Forest Ecology and Management, 2006, 234, 34-39.	3.2	13
64	Changes in Phylogenetic Community Structure of the Seedling Layer Following Hurricane Disturbance in a Human-Impacted Tropical Forest. Forests, 2018, 9, 556.	2.1	12
65	Turgor loss point predicts survival responses to experimental and natural drought in tropical tree seedlings. Ecology, 2022, 103, e3700.	3.2	12
66	Impact of Research Trails on Seedling Dynamics in a Tropical Forest. Biotropica, 2008, 40, 251-254.	1.6	11
67	Intraspecific and phylogenetic density-dependent seedling recruitment in a subtropical evergreen forest. Oecologia, 2017, 184, 193-203.	2.0	11
68	Resistance Genes Affect How Pathogens Maintain Plant Abundance and Diversity. American Naturalist, 2020, 196, 472-486.	2.1	11
69	Environment and past land use together predict functional diversity in a temperate forest. Ecological Applications, 2018, 28, 2142-2152.	3.8	10
70	Resolved phylogenetic relationships in the Ocotea complex (Supraocotea) facilitate phylogenetic classification and studies of character evolution. American Journal of Botany, 2021, 108, 664-679.	1.7	10
71	Large mammalian herbivores contribute to conspecific negative density dependence in a temperate forest. Journal of Ecology, 2021, 109, 1194-1209.	4.0	9
72	Response to Comments on â€œDisentangling the Drivers of Î² Diversity Along Latitudinal and Elevational Gradientsâ€• Science, 2012, 335, 1573-1573.	12.6	8

#	Article	IF	Citations
73	Edge Effects on Seedling Diversity Are Mediated by Impacts of Fungi and Insects on Seedling Recruitment but Not Survival. Frontiers in Forests and Global Change, 2019, 2, .	2.3	7
74	Intensive research activity alters shortâ€term seedling dynamics in a tropical forest. Ecological Research, 2009, 24, 225-230.	1.5	6
75	Longâ€term dynamics of liana seedlings suggest decelerating increases in liana relative abundance over time. Journal of Ecology, 2020, 108, 460-469.	4.0	4
76	Flowering sex ratios and costs of reproduction in gynodioeciousOcotea oblonga(Lauraceae). Biological Journal of the Linnean Society, 2020, 131, 344-355.	1.6	3
77	A decade of diversity and forest structure: Post-logging patterns across life stages in an Afrotropical forest. Forest Ecology and Management, 2022, 513, 120169.	3.2	3
78	Edge effects alter the role of fungi and insects in mediating functional composition and diversity of seedling recruits in a fragmented tropical forest. Annals of Botany, 2020, 126, 1181-1191.	2.9	2
79	Do experimental drought stress and species' drought sensitivity influence herbivory in tropical tree seedlings?. Biotropica, 2022, 54, 619-626.	1.6	1
80	INTERACTIVE EFFECTS OF LAND USE HISTORY AND NATURAL DISTURBANCE ON SEEDLING DYNAMICS IN A SUBTROPICAL FOREST. , 0, , 100319061507001.		0