

Luke Browne

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

376
citations

933447

10
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

628
citing authors

#	ARTICLE	IF	CITATIONS
1	Turgor loss point predicts survival responses to experimental and natural drought in tropical tree seedlings. <i>Ecology</i> , 2022, 103, e3700.	3.2	12
2	Sharing and reporting benefits from biodiversity research. <i>Molecular Ecology</i> , 2021, 30, 1103-1107.	3.9	19
3	Genome-Wide Variation in DNA Methylation Predicts Variation in Leaf Traits in an Ecosystem-Foundational Oak Species. <i>Forests</i> , 2021, 12, 569.	2.1	8
4	Increased mortality of tropical tree seedlings during the extreme 2015–16 El Niño. <i>Global Change Biology</i> , 2021, 27, 5043-5053.	9.5	15
5	Victoria L. Sork – Recipient of the 2020 Molecular Ecology Prize. <i>Molecular Ecology</i> , 2021, 30, 26-29.	3.9	0
6	Environmental correlates of richness, community composition, and functional traits of terrestrial birds and mammals in a fragmented tropical landscape. <i>Landscape Ecology</i> , 2020, 35, 2825-2841.	4.2	6
7	Resource-related variables drive individual variation in flowering phenology and mediate population-level flowering responses to climate in an asynchronously reproducing palm. <i>Biotropica</i> , 2020, 52, 845-856.	1.6	6
8	Experimental DNA Demethylation Associates with Changes in Growth and Gene Expression of Oak Tree Seedlings. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 1019-1028.	1.8	11
9	Adaptational lag to temperature in valley oak (<i>Quercus lobata</i>) can be mitigated by genome-informed assisted gene flow. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 25179-25185.	7.1	89
10	Rare genotype advantage promotes survival and genetic diversity of a tropical palm. <i>New Phytologist</i> , 2018, 218, 1658-1667.	7.3	15
11	Genetic diversity of dispersed seeds is highly variable among leks of the long-wattled umbrella bird. <i>Acta Oecologica</i> , 2018, 86, 31-37.	1.1	5
12	Patterns of avian haemosporidian infections vary with time, but not habitat, in a fragmented Neotropical landscape. <i>PLoS ONE</i> , 2018, 13, e0206493.	2.5	20
13	Habitat loss and fragmentation reduce effective gene flow by disrupting seed dispersal in a neotropical palm. <i>Molecular Ecology</i> , 2018, 27, 3055-3069.	3.9	40
14	The relative contributions of seed and pollen dispersal to gene flow and genetic diversity in seedlings of a tropical palm. <i>Molecular Ecology</i> , 2018, 27, 3159-3173.	3.9	26
15	Landscape-level tree cover predicts species richness of large-bodied frugivorous birds in forest fragments. <i>Biotropica</i> , 2017, 49, 838-847.	1.6	22
16	Nocturnal bird diversity in forest fragments in north-west Ecuador. <i>Journal of Tropical Ecology</i> , 2017, 33, 357-364.	1.1	2
17	Diversity of palm communities at different spatial scales in a recently fragmented tropical landscape. <i>Botanical Journal of the Linnean Society</i> , 2016, 182, 451-464.	1.6	19
18	Relative influence of relatedness, conspecific density and microhabitat on seedling survival and growth of an animal-dispersed Neotropical palm, <i>Oenocarpus bataua</i> . <i>Botanical Journal of the Linnean Society</i> , 2016, 182, 425-438.	1.6	7

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19	Frequency-dependent selection for rare genotypes promotes genetic diversity of a tropical palm. <i>Ecology Letters</i> , 2016, 19, 1439-1447.	6.4	23
20	Short-term genetic consequences of habitat loss and fragmentation for the neotropical palm <i>Oenocarpus bataua</i> . <i>Heredity</i> , 2015, 115, 389-395.	2.6	31