

Luke Browne

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

376
citations

932766

10
h-index

839053

18
g-index

20
all docs

20
docs citations

20
times ranked

628
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptational lag to temperature in valley oak (<i>Quercus lobata</i>) can be mitigated by genome-informed assisted gene flow. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 25179-25185.	3.3	89
2	Habitat loss and fragmentation reduce effective gene flow by disrupting seed dispersal in a neotropical palm. Molecular Ecology, 2018, 27, 3055-3069.	2.0	40
3	Short-term genetic consequences of habitat loss and fragmentation for the neotropical palm <i>Oenocarpus bataua</i> . Heredity, 2015, 115, 389-395.	1.2	31
4	The relative contributions of seed and pollen dispersal to gene flow and genetic diversity in seedlings of a tropical palm. Molecular Ecology, 2018, 27, 3159-3173.	2.0	26
5	Frequency-dependent selection for rare genotypes promotes genetic diversity of a tropical palm. Ecology Letters, 2016, 19, 1439-1447.	3.0	23
6	Landscape-level tree cover predicts species richness of large-bodied frugivorous birds in forest fragments. Biotropica, 2017, 49, 838-847.	0.8	22
7	Patterns of avian haemosporidian infections vary with time, but not habitat, in a fragmented Neotropical landscape. PLoS ONE, 2018, 13, e0206493.	1.1	20
8	Diversity of palm communities at different spatial scales in a recently fragmented tropical landscape. Botanical Journal of the Linnean Society, 2016, 182, 451-464.	0.8	19
9	Sharing and reporting benefits from biodiversity research. Molecular Ecology, 2021, 30, 1103-1107.	2.0	19
10	Rare genotype advantage promotes survival and genetic diversity of a tropical palm. New Phytologist, 2018, 218, 1658-1667.	3.5	15
11	Increased mortality of tropical tree seedlings during the extreme 2015-16 El Niño. Global Change Biology, 2021, 27, 5043-5053.	4.2	15
12	Turgor loss point predicts survival responses to experimental and natural drought in tropical tree seedlings. Ecology, 2022, 103, e3700.	1.5	12
13	Experimental DNA Demethylation Associates with Changes in Growth and Gene Expression of Oak Tree Seedlings. G3: Genes, Genomes, Genetics, 2020, 10, 1019-1028.	0.8	11
14	Genome-Wide Variation in DNA Methylation Predicts Variation in Leaf Traits in an Ecosystem-Foundational Oak Species. Forests, 2021, 12, 569.	0.9	8
15	Relative influence of relatedness, conspecific density and microhabitat on seedling survival and growth of an animal-dispersed Neotropical palm, <i>Oenocarpus bataua</i> . Botanical Journal of the Linnean Society, 2016, 182, 425-438.	0.8	7
16	Environmental correlates of richness, community composition, and functional traits of terrestrial birds and mammals in a fragmented tropical landscape. Landscape Ecology, 2020, 35, 2825-2841.	1.9	6
17	Resource-related variables drive individual variation in flowering phenology and mediate population-level flowering responses to climate in an asynchronously reproducing palm. Biotropica, 2020, 52, 845-856.	0.8	6
18	Genetic diversity of dispersed seeds is highly variable among leks of the long-wattled umbrellabird. Acta Oecologica, 2018, 86, 31-37.	0.5	5

#	ARTICLE	IF	CITATIONS
19	Nocturnal bird diversity in forest fragments in north-west Ecuador. <i>Journal of Tropical Ecology</i> , 2017, 33, 357-364.	0.5	2
20	Victoria L. Sorka – Recipient of the 2020 Molecular Ecology Prize. <i>Molecular Ecology</i> , 2021, 30, 26-29.	2.0	0