

Raphael Didham

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

4,645
citations

201674

27
h-index

106344

65
g-index

68
all docs

68
docs citations

68
times ranked

6809
citing authors

#	ARTICLE	IF	CITATIONS
1	Arthropod Diversity in a Tropical Forest. <i>Science</i> , 2012, 338, 1481-1484.	12.6	445
2	Edge Structure Determines the Magnitude of Changes in Microclimate and Vegetation Structure in Tropical Forest Fragments. <i>Biotropica</i> , 1999, 31, 17-30.	1.6	390
3	BEEBLE SPECIES RESPONSES TO TROPICAL FOREST FRAGMENTATION. <i>Ecological Monographs</i> , 1998, 68, 295-323.	5.4	347
4	Habitat fragmentation and biodiversity conservation: key findings and future challenges. <i>Landscape Ecology</i> , 2016, 31, 219-227.	4.2	336
5	Interpreting insect declines: seven challenges and a way forward. <i>Insect Conservation and Diversity</i> , 2020, 13, 103-114.	3.0	271
6	Rethinking the conceptual foundations of habitat fragmentation research. <i>Oikos</i> , 2012, 121, 161-170.	2.7	255
7	A large-scale forest fragmentation experiment: the Stability of Altered Forest Ecosystems Project. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011, 366, 3292-3302.	4.0	244
8	The spatial scaling of beta diversity. <i>Global Ecology and Biogeography</i> , 2013, 22, 639-647.	5.8	181
9	Trophic structure stability and extinction dynamics of beetles (Coleoptera) in tropical forest fragments. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1998, 353, 437-451.	4.0	176
10	Pervasive impact of large-scale edge effects on a beetle community. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 5426-5429.	7.1	141
11	Altered leaf-litter decomposition rates in tropical forest fragments. <i>Oecologia</i> , 1998, 116, 397-406.	2.0	132
12	Past and future trajectories of forest loss in New Zealand. <i>Biological Conservation</i> , 2006, 133, 312-325.	4.1	129
13	Arthropod Distribution in a Tropical Rainforest: Tackling a Four Dimensional Puzzle. <i>PLoS ONE</i> , 2015, 10, e0144110.	2.5	102
14	Applications and implications of ecological energetics. <i>Trends in Ecology and Evolution</i> , 2014, 29, 280-290.	8.7	101
15	Termites mitigate the effects of drought in tropical rainforest. <i>Science</i> , 2019, 363, 174-177.	12.6	98
16	Non-native plantation forests as alternative habitat for native forest beetles in a heavily modified landscape. <i>Biodiversity and Conservation</i> , 2008, 17, 1127-1148.	2.6	87
17	Experimental evidence that the effectiveness of conservation biological control depends on landscape complexity. <i>Journal of Applied Ecology</i> , 2015, 52, 1274-1282.	4.0	84
18	Complementarity and redundancy of interactions enhance attack rates and spatial stability in host-parasitoid food webs. <i>Ecology</i> , 2014, 95, 1888-1896.	3.2	79

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19	Agricultural intensification drives landscapeâ€context effects on hostâ€parasitoid interactions in agroecosystems. <i>Journal of Applied Ecology</i> , 2012, 49, 706-714.	4.0	77
20	A global strategy to mitigate the environmental impact of Chinaâ€™s ruminant consumption boom. <i>Nature Communications</i> , 2018, 9, 4133.	12.8	64
21	Apparent competition drives community-wide parasitism rates and changes in host abundance across ecosystem boundaries. <i>Nature Communications</i> , 2016, 7, 12644.	12.8	56
22	Communityâ€level net spillover of natural enemies from managed to natural forest. <i>Ecology</i> , 2015, 96, 193-202.	3.2	53
23	Agricultural Intensification Exacerbates Spillover Effects on Soil Biogeochemistry in Adjacent Forest Remnants. <i>PLoS ONE</i> , 2015, 10, e0116474.	2.5	40
24	Production land use alters edge response functions in remnant forest invertebrate communities. , 2011, 21, 3147-3161.		39
25	Densityâ€dependent impacts of exotic conifer invasion on grassland invertebrate assemblages. <i>Journal of Applied Ecology</i> , 2010, 47, 1053-1062.	4.0	36
26	Spotlight on insects: trends, threats and conservation challenges. <i>Insect Conservation and Diversity</i> , 2020, 13, 99-102.	3.0	34
27	Longâ€term data suggest jarrahâ€forest establishment at restored mine sites is resistant to climate variability. <i>Journal of Ecology</i> , 2015, 103, 78-89.	4.0	31
28	Logging increases the functional and phylogenetic dispersion of understory plant communities in tropical lowland rain forest. <i>Journal of Ecology</i> , 2017, 105, 1235-1245.	4.0	31
29	Accounting for the causal basis of collinearity when measuring the effects of habitat loss versus habitat fragmentation. <i>Oikos</i> , 2016, 125, 117-125.	2.7	30
30	Research needs in insect conservation and diversity. <i>Insect Conservation and Diversity</i> , 2010, 3, 1-4.	3.0	27
31	Life After Logging: Strategic Withdrawal from the Garden of Eden or Tactical Error for Wilderness Conservation?. <i>Biotropica</i> , 2011, 43, 393-395.	1.6	27
32	Edge Effects Disrupt Vertical Stratification of Microclimate in a Temperate Forest Canopy. <i>Pacific Science</i> , 2014, 68, 493-508.	0.6	26
33	Dispersal modality determines the relative partitioning of beta diversity in spider assemblages on subtropical landâ€bridge islands. <i>Journal of Biogeography</i> , 2017, 44, 2121-2131.	3.0	26
34	Glowing, glowing, gone? Monitoring longâ€term trends in glowâ€worm numbers in southâ€east England. <i>Insect Conservation and Diversity</i> , 2020, 13, 162-174.	3.0	26
35	Phylogenetic diversity and coâ€evolutionary signals among trophic levels change across a habitat edge. <i>Journal of Animal Ecology</i> , 2015, 84, 364-372.	2.8	22
36	Circle the bandwagons â€ challenges mount against the theoretical foundations of applied functional trait and ecosystem service research. <i>Insect Conservation and Diversity</i> , 2016, 9, 1-3.	3.0	21

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37	Beetle Species Responses to Tropical Forest Fragmentation. <i>Ecological Monographs</i> , 1998, 68, 295.	5.4	21
38	Towards a better mechanistic understanding of edge effects. <i>Landscape Ecology</i> , 2016, 31, 2205-2213.	4.2	20
39	Too hot to handle: Cenozoic aridification drives multiple independent incursions of Schizomida (Hubbardiidae) into hypogean environments. <i>Molecular Phylogenetics and Evolution</i> , 2019, 139, 106532.	2.7	19
40	Altered species interactions at forest edges: contrasting edge effects on bumble bees and their phoretic mite loads in temperate forest remnants. <i>Insect Conservation and Diversity</i> , 2013, 6, 598-606.	3.0	18
41	The Role of Species Traits in Mediating Functional Recovery during Matrix Restoration. <i>PLoS ONE</i> , 2014, 9, e115385.	2.5	18
42	Physiological plasticity of metabolic rates in the invasive honey bee and an endemic Australian bee species. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2015, 185, 835-844.	1.5	16
43	Non-random food web assembly at habitat edges increases connectivity and functional redundancy. <i>Ecology</i> , 2017, 98, 995-1005.	3.2	15
44	Discriminating the Drivers of Edge Effects on Nest Predation: Forest Edges Reduce Capture Rates of Ship Rats (<i>Rattus rattus</i>), a Globally Invasive Nest Predator, by Altering Vegetation Structure. <i>PLoS ONE</i> , 2014, 9, e113098.	2.5	14
45	Woody plant richness does not influence invertebrate community reassembly trajectories in a tree diversity experiment. <i>Ecology</i> , 2017, 98, 500-511.	3.2	14
46	Logging, exotic plant invasions, and native plant reassembly in a lowland tropical rain forest. <i>Biotropica</i> , 2018, 50, 254-265.	1.6	14
47	Plant, herbivore and parasitoid community composition in native Nothofagaceae forests vs. exotic pine plantations. <i>Journal of Applied Ecology</i> , 2018, 55, 1265-1275.	4.0	13
48	Landscape context alters cost of living in honeybee metabolism and feeding. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20162676.	2.6	12
49	Nonlinear thresholds in the effects of island area on functional diversity in woody plant communities. <i>Journal of Ecology</i> , 2021, 109, 2177-2189.	4.0	12
50	Can leaf area index and biomass be estimated from α -diversity scores in tropical forests?. <i>Journal of Vegetation Science</i> , 2015, 26, 1043-1053.	2.2	11
51	Arthropod diversity and the future of alpha-taxa inventories. <i>Insect Conservation and Diversity</i> , 2013, 6, 1-4.	3.0	10
52	How to avoid the top ten pitfalls in insect conservation and diversity research and minimise your chances of manuscript rejection. <i>Insect Conservation and Diversity</i> , 2014, 7, 1-3.	3.0	10
53	Experimental evidence that even minor livestock trampling has severe effects on land snail communities in forest remnants. <i>Journal of Applied Ecology</i> , 2015, 52, 161-170.	4.0	10
54	Don't be a zero-sum reviewer. <i>Insect Conservation and Diversity</i> , 2017, 10, 1-4.	3.0	10

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55	Multi-Species Phylogeography of Arid-Zone Sminthopsinae (Marsupialia: Dasyuridae) Reveals Evidence of Refugia and Population Expansion in Response to Quaternary Change. <i>Genes</i> , 2020, 11, 963.	2.4	10
56	An entomocentric view of the Janzen–Connell hypothesis. <i>Insect Conservation and Diversity</i> , 2019, 12, 1-8.	3.0	9
57	Distinctive aquatic assemblages in water-filled tree holes: a novel component of freshwater biodiversity in New Zealand temperate rainforests. <i>Insect Conservation and Diversity</i> , 2012, 5, 202-212.	3.0	8
58	Community re-assembly and divergence of woody plant traits in an island–mainland system after more than 50 years of regeneration. <i>Diversity and Distributions</i> , 2021, 27, 1435-1448.	4.1	6
59	Mutualists or parasites? Context-dependent influence of symbiotic fly larvae on carnivorous investment in the Albany pitcher plant. <i>Royal Society Open Science</i> , 2016, 3, 160690.	2.4	5
60	Cross-scale drivers of plant trait distributions in a fragmented forest landscape. <i>Ecography</i> , 2020, 43, 467-479.	4.5	5
61	Species-level CWM values mask contrasting intra-versus interspecific trait shifts at subtropical forest edges. <i>Ecography</i> , 2022, 2022, .	4.5	5
62	Disentangling biotic and abiotic drivers of intraspecific trait variation in woody plant seedlings at forest edges. <i>Ecology and Evolution</i> , 2021, 11, 9728-9740.	1.9	3
63	Insect Conservation and Diversity- making an impact. <i>Insect Conservation and Diversity</i> , 2011, 4, 1-1.	3.0	2
64	Expanding horizons and widening participation in Insect Conservation and Diversity. <i>Insect Conservation and Diversity</i> , 2015, 8, 1-2.	3.0	2
65	Rediscovery of the “extinct” bee <i>Hesperocolletes douglasi</i> Michener, 1965 (Colletidae: Colletinae: Tj ETQq1 1 0.784314 rgBT /Cve 2019, 11, 13310-13319.	0.3	1
66	Functional group-dependent responses of forest bird communities to invasive predator control and habitat fragmentation. <i>Diversity and Distributions</i> , 2022, 28, 1298-1312.	4.1	1