Raphael K Didham

List of Publications by Year
in descending order

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106	15,846	71102	30087
papers	citations	41 h-index	103 g-index

108	108	108	16579
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Speciesâ€level CWM values mask contrasting intraâ€versus interspecific trait shifts at subtropical forest edges. Ecography, 2022, 2022, .	4.5	5
2	Functional groupâ€dependent responses of forest bird communities to invasive predator control and habitat fragmentation. Diversity and Distributions, 2022, 28, 1298-1312.	4.1	1
3	Nonlinear thresholds in the effects of island area on functional diversity in woody plant communities. Journal of Ecology, 2021, 109, 2177-2189.	4.0	12
4	Community reâ€assembly and divergence of woody plant traits in an islandâ€“mainland system after more than 50 years of regeneration. Diversity and Distributions, 2021, 27, 1435-1448.	4.1	6
5	Disentangling biotic and abiotic drivers of intraspecific trait variation in woody plant seedlings at forest edges. Ecology and Evolution, 2021, 11, 9728-9740.	1.9	3
6	Spatial and functional structure of an entire ant assemblage in a lowland Panamanian rainforest. Basic and Applied Ecology, 2021, 56, 32-44.	2.7	4
7	Crossâ€scale drivers of plant trait distributions in a fragmented forest landscape. Ecography, 2020, 43, 467-479.	4.5	5
8	Interpreting insect declines: seven challenges and a way forward. Insect Conservation and Diversity, 2020, 13, 103-114.	3.0	271
9	Spotlight on insects: trends, threats and conservation challenges. Insect Conservation and Diversity, 2020, 13, 99-102.	3.0	34
10	Glowing, glowing, gone? Monitoring longâ€term trends in glowâ€worm numbers in southâ€east England. Insect Conservation and Diversity, 2020, 13, 162-174.	3.0	26
11	Absence of evidence is not evidence of absence: Knowledge shortfalls threaten the effective conservation of freshwater crocodiles. Global Ecology and Conservation, 2019, 20, e00773.	2.1	4
12	Saproxylic beetles in tropical and temperate forests â€“ A standardized comparison of vertical stratification patterns. Forest Ecology and Management, 2019, 444, 50-58.	3.2	18
13	An entomocentric view of the Janzenâ€“Connell hypothesis. Insect Conservation and Diversity, 2019, 12, 1-8.	3.0	9
14	Plant, herbivore and parasitoid community composition in native Nothofagaceae forests vs. exotic pine plantations. Journal of Applied Ecology, 2018, 55, 1265-1275.	4.0	13
15	Is habitat fragmentation good for biodiversity?. Biological Conservation, 2018, 226, 9-15.	4.1	430
16	The matrix matters, but how should we manage it? Estimating the amount of highâ€quality matrix required to maintain biodiversity in fragmented landscapes. Ecography, 2017, 40, 171-178.	4.5	29
17	Landscape context alters cost of living in honeybee metabolism and feeding. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20162676.	2.6	12
18	Dispersal modality determines the relative partitioning of beta diversity in spider assemblages on subtropical landâ€bridge islands. Journal of Biogeography, 2017, 44, 2121-2131.	3.0	26

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19	Nonâ€random foodâ€web assembly at habitat edges increases connectivity and functional redundancy. Ecology, 2017, 98, 995-1005.	3.2	15
20	Woody plant richness does not influence invertebrate community reassembly trajectories in a tree diversity experiment. Ecology, 2017, 98, 500-511.	3.2	14
21	Accounting for the causal basis of collinearity when measuring the effects of habitat loss versus habitat fragmentation. Oikos, 2016, 125, 117-125.	2.7	30
22	Apparent competition drives community-wide parasitism rates and changes in host abundance across ecosystem boundaries. Nature Communications, 2016, 7, 12644.	12.8	56
23	Towards a better mechanistic understanding of edge effects. Landscape Ecology, 2016, 31, 2205-2213.	4.2	20
24	Habitat fragmentation and biodiversity conservation: key findings and future challenges. Landscape Ecology, 2016, 31, 219-227.	4.2	336
25	Circle the bandwagons â€“ challenges mount against the theoretical foundations of applied functional trait and ecosystem service research. Insect Conservation and Diversity, 2016, 9, 1-3.	3.0	21
26	Experimental evidence that the effectiveness of conservation biological control depends on landscape complexity. Journal of Applied Ecology, 2015, 52, 1274-1282.	4.0	84
27	Can leaf area index and biomass be estimated from <scp>B</scp>raunâ€<scp>B</scp>lanquet cover scores in tropical forests?. Journal of Vegetation Science, 2015, 26, 1043-1053.	2.2	11
28	Longâ€term data suggest jarrahâ€forest establishment at restored mine sites is resistant to climate variability. Journal of Ecology, 2015, 103, 78-89.	4.0	31
29	Communityâ€level net spillover of natural enemies from managed to natural forest. Ecology, 2015, 96, 193-202.	3.2	53
30	Using pest monitoring data to inform the location and intensity of invasive-species control in New Zealand. Biological Conservation, 2015, 191, 640-649.	4.1	13
31	Challenges and opportunities in harnessing satellite remote-sensing for biodiversity monitoring. Ecological Informatics, 2015, 30, 207-214.	5.2	33
32	Physiological plasticity of metabolic rates in the invasive honey bee and an endemic Australian bee species. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2015, 185, 835-844.	1.5	16
33	Very high resolution Earth observation features for monitoring plant and animal community structure across multiple spatial scales in protected areas. International Journal of Applied Earth Observation and Geoinformation, 2015, 37, 100-105.	2.8	29
34	Experimental evidence that even minor livestock trampling has severe effects on land snail communities in forest remnants. Journal of Applied Ecology, 2015, 52, 161-170.	4.0	10
35	Phylogenetic diversity and coâ€evolutionary signals among trophic levels change across a habitat edge. Journal of Animal Ecology, 2015, 84, 364-372.	2.8	22
36	Very high resolution Earth Observation features for testing the direct and indirect effects of landscape structure on local habitat quality. International Journal of Applied Earth Observation and Geoinformation, 2015, 34, 96-102.	2.8	15

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37	Agricultural Intensification Exacerbates Spillover Effects on Soil Biogeochemistry in Adjacent Forest Remnants. PLoS ONE, 2015, 10, e0116474.	2.5	40
38	Arthropod Distribution in a Tropical Rainforest: Tackling a Four Dimensional Puzzle. PLoS ONE, 2015, 10, e0144110.	2.5	102
39	Discriminating the Drivers of Edge Effects on Nest Predation: Forest Edges Reduce Capture Rates of Ship Rats (Rattus rattus), a Globally Invasive Nest Predator, by Altering Vegetation Structure. PLoS ONE, 2014, 9, e113098.	2.5	14
40	The Role of Species Traits in Mediating Functional Recovery during Matrix Restoration. PLoS ONE, 2014, 9, e115385.	2.5	18
41	Edge Effects Disrupt Vertical Stratification of Microclimate in a Temperate Forest Canopy. Pacific Science, 2014, 68, 493-508.	0.6	26
42	Matrix habitat restoration alters dung beetle species responses across tropical forest edges. Biological Conservation, 2014, 170, 28-37.	4.1	40
43	Complementarity and redundancy of interactions enhance attack rates and spatial stability in hostâ€“parasitoid food webs. Ecology, 2014, 95, 1888-1896.	3.2	79
44	Applications and implications of ecological energetics. Trends in Ecology and Evolution, 2014, 29, 280-290.	8.7	101
45	Airborne LiDAR reveals context dependence in the effects of canopy architecture on arthropod diversity. Forest Ecology and Management, 2014, 312, 129-137.	3.2	44
46	The spatial scaling of beta diversity. Global Ecology and Biogeography, 2013, 22, 639-647.	5.8	181
47	To close the yield-gap while saving biodiversity will require multiple locally relevant strategies. Agriculture, Ecosystems and Environment, 2013, 173, 20-27.	5.3	116
48	Arthropod diversity and the future of allâ€¢taxa inventories. Insect Conservation and Diversity, 2013, 6, 1-4.	3.0	10
49	Altered species interactions at forest edges: contrasting edge effects on bumble bees and their phoretic mite loads in temperate forest remnants. Insect Conservation and Diversity, 2013, 6, 598-606.	3.0	18
50	Using landscape history to predict biodiversity patterns in fragmented landscapes. Ecology Letters, 2013, 16, 1221-1233.	6.4	65
51	Arthropod Diversity in a Tropical Forest. Science, 2012, 338, 1481-1484.	12.6	445
52	Landscape moderation of biodiversity patterns and processes â€•eight hypotheses. Biological Reviews, 2012, 87, 661-685.	10.4	1,443
53	Predicting the impacts of edge effects in fragmented habitats: Laurance and Yensenâ€™s core area model revisited. Biological Conservation, 2012, 155, 104-110.	4.1	40
54	The Ridgefield Multiple Ecosystem Services Experiment: Can restoration of former agricultural land achieve multiple outcomes?. Agriculture, Ecosystems and Environment, 2012, 163, 14-27.	5.3	52

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55	Rethinking the conceptual foundations of habitat fragmentation research. Oikos, 2012, 121, 161-170.	2.7	255
56	Agricultural intensification drives landscapeâ€context effects on hostâ€“parasitoid interactions in agroecosystems. Journal of Applied Ecology, 2012, 49, 706-714.	4.0	77
57	Distinctive aquatic assemblages in waterâ€filled tree holes: a novel component of freshwater biodiversity in New Zealand temperate rainforests. Insect Conservation and Diversity, 2012, 5, 202-212.	3.0	8
58	A large-scale forest fragmentation experiment: the Stability of Altered Forest Ecosystems Project. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 3292-3302.	4.0	244
59	The fate of Amazonian forest fragments: A 32-year investigation. Biological Conservation, 2011, 144, 56-67.	4.1	713
60	Maximising biodiversity in plantation forests: Insights from long-term changes in clearfell-sensitive beetles in a Pinus radiata plantation. Biological Conservation, 2011, 144, 2842-2850.	4.1	18
61	Production land use alters edge response functions in remnant forest invertebrate communities. , 2011, 21, 3147-3161.		39
62	Life After Logging: Strategic Withdrawal from the Garden of Eden or Tactical Error for Wilderness Conservation?. Biotropica, 2011, 43, 393-395.	1.6	27
63	Disentangling the mechanistic drivers of ecosystemâ€size effects on species diversity. Journal of Animal Ecology, 2010, 79, 1204-1214.	2.8	31
64	Densityâ€dependent impacts of exotic conifer invasion on grassland invertebrate assemblages. Journal of Applied Ecology, 2010, 47, 1053-1062.	4.0	36
65	Research needs in insect conservation and diversity. Insect Conservation and Diversity, 2010, 3, 1-4.	3.0	27
66	Mapping community change in modified landscapes. Biological Conservation, 2009, 142, 2872-2880.	4.1	21
67	Native forest generalists dominate carabid assemblages along a stand age chronosequence in an exotic Pinus radiata plantation. Forest Ecology and Management, 2009, 258, S108-S116.	3.2	23
68	The interactive effects of livestock exclusion and mammalian pest control on the restoration of invertebrate communities in small forest remnants. New Zealand Journal of Zoology, 2009, 36, 135-163.	1.1	16
69	Non-native plantation forests as alternative habitat for native forest beetles in a heavily modified landscape. Biodiversity and Conservation, 2008, 17, 1127-1148.	2.6	87
70	Nested patterns of community assembly in the colonisation of artificial canopy habitats by oribatid mites. Oikos, 2008, 117, 1856-1864.	2.7	30
71	Global change and species interactions in terrestrial ecosystems. Ecology Letters, 2008, 11, 1351-1363.	6.4	1,880
72	Rapid beetle community convergence following experimental habitat restoration in a mined peat bog. Biological Conservation, 2008, 141, 568-579.	4.1	42

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73	Sampling the invertebrate community associated with a threatened wetland plant,Sporadanthus ferrugineus, using a new design of emergence trap. New Zealand Entomologist, 2008, 31, 23-29.	0.3	0
74	Pervasive impact of large-scale edge effects on a beetle community. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 5426-5429.	7.1	141
75	Non-native plantation forests as alternative habitat for native forest beetles in a heavily modified landscape. Topics in Biodiversity and Conservation, 2008, , 203-224.	1.0	3
76	Alternative logical states.. Oikos, 2007, 116, 358-360.	2.7	1
77	Habitat fragmentation: panchreston or paradigm?. Trends in Ecology and Evolution, 2007, 22, 511.	8.7	16
78	Interactive effects of habitat modification and species invasion on native species decline. Trends in Ecology and Evolution, 2007, 22, 489-496.	8.7	692
79	SYNERGISTIC INTERACTIONS BETWEEN EDGE AND AREA EFFECTS IN A HEAVILY FRAGMENTED LANDSCAPE. Ecology, 2007, 88, 96-106.	3.2	193
80	Alternative logical states. Oikos, 2007, 116, 358-360.	2.7	5
81	The Effect of Fragment Shape and Species' Sensitivity to Habitat Edges on Animal Population Size. Conservation Biology, 2007, 21, 926-936.	4.7	184
82	Vertical stratification in the spatial distribution of the beech scale insect (Ultracoelostoma assimile) in Nothofagus tree canopies in New Zealand. Ecological Entomology, 2006, 31, 185-195.	2.2	17
83	Establishment success of sooty beech scale insects, Ultracoelostoma sp., on different host tree species in New Zealand. Journal of Insect Science, 2006, 6, 1-9.	1.5	5
84	Past and future trajectories of forest loss in New Zealand. Biological Conservation, 2006, 133, 312-325.	4.1	129
85	Confounding factors in the detection of species responses to habitat fragmentation. Biological Reviews, 2006, 81, 117.	10.4	1,615
86	When are alternative stable states more likely to occur?. Oikos, 2006, 113, 357-362.	2.7	14
87	Influences of Habitat Isolation on Invertebrate Colonization of Sporadanthus ferrugineus in a Mined Peat Bog. Restoration Ecology, 2006, 14, 412-419.	2.9	16
88	Continuous response functions for quantifying the strength of edge effects. Journal of Applied Ecology, 2006, 43, 527-536.	4.0	153
89	Rapid recovery of an insectâ€“plant interaction following habitat loss and experimental wetland restoration. Oecologia, 2006, 148, 61-69.	2.0	23
90	Increasing floral diversity for selective enhancement of biological control agents: A double-edged sward?. Basic and Applied Ecology, 2006, 7, 236-243.	2.7	160

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91	Are systems with strong underlying abiotic regimes more likely to exhibit alternative stable states?. Oikos, 2005, 110, 409-416.	2.7	103
92	Density-dependent effects on the reproductive fitness of the New Zealand beech scale insect (Ultracoelostoma assimile) across multiple spatial scales. Ecological Entomology, 2005, 30, 733-738.	2.2	8
93	Remotely sensed landscape heterogeneity as a rapid tool for assessing local biodiversity value in a highly modified New Zealand landscape. Biodiversity and Conservation, 2005, 14, 1469-1485.	2.6	23
94	Comment on "Avian Extinction and Mammalian Introductions on Oceanic Islands". Science, 2005, 307, 1412a-1412a.	12.6	43
95	Are invasive species the drivers of ecological change?. Trends in Ecology and Evolution, 2005, 20, 470-474.	8.7	648
96	IMPROVED FITNESS OF APHID PARASITOIDS RECEIVING RESOURCE SUBSIDIES. Ecology, 2004, 85, 658-666.	3.2	244
97	The effect of introduced wasp (Vespula vulgaris, Hymenoptera: Vespidae) predation on the dispersive life history stages of beech scale insects (Ultracoelostomaspp., Homoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.8	4
98	Environmental and spatial influences upon species composition of a termite assemblage across neotropical forest islands. Journal of Tropical Ecology, 2003, 19, 509-524.	1.1	87
99	Ecosystem Decay of Amazonian Forest Fragments: a 22â€Year Investigation. Conservation Biology, 2002, 16, 605-618.	4.7	1,372
100	Edge Structure Determines the Magnitude of Changes in Microclimate and Vegetation Structure in Tropical Forest Fragments1. Biotropica, 1999, 31, 17-30.	1.6	390
101	Edge Structure Determines the Magnitude of Changes in Microclimate and Vegetation Structure in Tropical Forest Fragments. Biotropica, 1999, 31, 17.	1.6	321
102	Altered leaf-litter decomposition rates in tropical forest fragments. Oecologia, 1998, 116, 397-406.	2.0	132
103	BEETLE SPECIES RESPONSES TO TROPICAL FOREST FRAGMENTATION. Ecological Monographs, 1998, 68, 295-323.	5.4	347
104	Beetle Species Responses to Tropical Forest Fragmentation. Ecological Monographs, 1998, 68, 295.	5.4	21
105	Insects in fragmented forests: a functional approach. Trends in Ecology and Evolution, 1996, 11, 255-260.	8.7	555
106	Reply from J. Ghazoul and R.K. Didham. Trends in Ecology and Evolution, 1996, 11, 432.	8.7	0