

# Robert M Ewers

## List of Publications by Year in descending order

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Version: 2024-02-01

105  
papers

15,569  
citations

66343

42  
h-index

31849

101  
g-index

113  
all docs

113  
docs citations

113  
times ranked

18308  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimising sampling designs for habitat fragmentation studies. <i>Methods in Ecology and Evolution</i> , 2022, 13, 217-229.	5.2	4
2	A protocol for a longitudinal, observational cohort study of infection and exposure to zoonotic and vector-borne diseases across a land-use gradient in Sabah, Malaysian Borneo: a socio-ecological systems approach. <i>Wellcome Open Research</i> , 2022, 7, 63.	1.8	0
3	The macroecology of landscape ecology. <i>Trends in Ecology and Evolution</i> , 2022, 37, 480-487.	8.7	18
4	Oil palm expansion increases the vectorial capacity of dengue vectors in Malaysian Borneo. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0009525.	3.0	6
5	Soundscapes predict species occurrence in tropical forests. <i>Oikos</i> , 2022, 2022, .	2.7	17
6	Functional susceptibility of tropical forests to climate change. <i>Nature Ecology and Evolution</i> , 2022, 6, 878-889.	7.8	8
7	Riparian buffers can help mitigate biodiversity declines in oil palm agriculture. <i>Frontiers in Ecology and the Environment</i> , 2022, 20, 459-466.	4.0	9
8	Pantropical modelling of canopy functional traits using Sentinel-2 remote sensing data. <i>Remote Sensing of Environment</i> , 2021, 252, 112122.	11.0	38
9	Localised climate change defines ant communities in human-modified tropical landscapes. <i>Functional Ecology</i> , 2021, 35, 1094-1108.	3.6	30
10	Forest conversion to oil palm compresses food chain length in tropical streams. <i>Ecology</i> , 2021, 102, e03199.	3.2	11
11	Recovery of logged forest fragments in a human-modified tropical landscape during the 2015-16 El Niño. <i>Nature Communications</i> , 2021, 12, 1526.	12.8	31
12	Monitoring Forest Phenology in a Changing World. <i>Forests</i> , 2021, 12, 297.	2.1	23
13	Fine root dynamics across pantropical rainforest ecosystems. <i>Global Change Biology</i> , 2021, 27, 3657-3680.	9.5	13
14	The impact of logging on vertical canopy structure across a gradient of tropical forest degradation intensity in Borneo. <i>Journal of Applied Ecology</i> , 2021, 58, 1764-1775.	4.0	26
15	How index selection, compression, and recording schedule impact the description of ecological soundscapes. <i>Ecology and Evolution</i> , 2021, 11, 13206-13217.	1.9	7
16	Major and persistent shifts in below-ground carbon dynamics and soil respiration following logging in tropical forests. <i>Global Change Biology</i> , 2021, 27, 2225-2240.	9.5	27
17	Imaging spectroscopy reveals the effects of topography and logging on the leaf chemistry of tropical forest canopy trees. <i>Global Change Biology</i> , 2020, 26, 989-1002.	9.5	37
18	Characterizing soundscapes across diverse ecosystems using a universal acoustic feature set. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 17049-17055.	7.1	93

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19	The global abundance of tree palms. <i>Global Ecology and Biogeography</i> , 2020, 29, 1495-1514.	5.8	62
20	SAFE Acoustics: An open-source, real-time eco-acoustic monitoring network in the tropical rainforests of Borneo. <i>Methods in Ecology and Evolution</i> , 2020, 11, 1182-1185.	5.2	12
21	Separate authorship categories to recognize data collectors and code developers. <i>Nature Ecology and Evolution</i> , 2019, 3, 1610-1610.	7.8	9
22	El Niño drought and tropical forest conversion synergistically determine mosquito development rate. <i>Environmental Research Letters</i> , 2019, 14, 035003.	5.2	13
23	Resilience of tropical, freshwater fish ( <i>Nematabramis everetti</i> ) populations to severe drought over a land-use gradient in Borneo. <i>Environmental Research Letters</i> , 2019, 14, 045008.	5.2	11
24	Small logging roads do not restrict movements of forest rats in Bornean logged forests. <i>Biotropica</i> , 2019, 51, 412-420.	1.6	2
25	Minimal Spillover of Native Small Mammals From Bornean Tropical Forests Into Adjacent Oil Palm Plantations. <i>Frontiers in Forests and Global Change</i> , 2019, 2, .	2.3	8
26	Impending Regeneration Failure of the IUCN Vulnerable Borneo Ironwood ( <i>Eusideroxylon</i> ) <a href="#">Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 1.2 6</a>	1.2	6
27	Tropical logging and deforestation impacts multiple scales of weevil beta-diversity. <i>Biological Conservation</i> , 2019, 234, 172-179.	4.1	7
28	Drought cuts back regeneration in logged tropical forests. <i>Environmental Research Letters</i> , 2019, 14, 045012.	5.2	17
29	Shifts in the demographics and behavior of bearded pigs ( <i>Sus barbatus</i> ) across a land-use gradient. <i>Biotropica</i> , 2019, 51, 938-948.	1.6	10
30	Extinction filters mediate the global effects of habitat fragmentation on animals. <i>Science</i> , 2019, 366, 1236-1239.	12.6	164
31	Land-use change alters the mechanisms assembling rainforest mammal communities in Borneo. <i>Journal of Animal Ecology</i> , 2019, 88, 125-137.	2.8	13
32	The conservation value of human-modified landscapes for the world's primates. <i>Nature Communications</i> , 2019, 10, 152.	12.8	91
33	Effect of tropical forest disturbance on the competitive interactions within a diverse ant community. <i>Scientific Reports</i> , 2018, 8, 5131.	3.3	14
34	Logging disturbance shifts net primary productivity and its allocation in Bornean tropical forests. <i>Global Change Biology</i> , 2018, 24, 2913-2928.	9.5	98
35	Land-use change is associated with a significant loss of freshwater fish species and functional richness in Sabah, Malaysia. <i>Biological Conservation</i> , 2018, 222, 164-171.	4.1	47
36	Robust, real-time and autonomous monitoring of ecosystems with an open, low-cost, networked device. <i>Methods in Ecology and Evolution</i> , 2018, 9, 2383-2387.	5.2	59

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37	Canopy structure and topography jointly constrain the microclimate of human-modified tropical landscapes. <i>Global Change Biology</i> , 2018, 24, 5243-5258.	9.5	158
38	Inter-annual dynamics and persistence of small mammal communities in a selectively logged tropical forest in Borneo. <i>Biodiversity and Conservation</i> , 2018, 27, 3155-3169.	2.6	19
39	The availability of freshwater fish resources is maintained across a land-use gradient in Sabah, Borneo. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2018, 28, 1044-1054.	2.0	9
40	Is habitat fragmentation good for biodiversity?. <i>Biological Conservation</i> , 2018, 226, 9-15.	4.1	430
41	Estimating aboveground carbon density and its uncertainty in Borneo's structurally complex tropical forests using airborne laser scanning. <i>Biogeosciences</i> , 2018, 15, 3811-3830.	3.3	47
42	Is the diversity of Amazonian ant and dung beetles communities elevated at rainforest edges?. <i>Journal of Biogeography</i> , 2018, 45, 1966-1979.	3.0	17
43	Mammalian species abundance across a gradient of tropical land-use intensity: A hierarchical multi-species modelling approach. <i>Biological Conservation</i> , 2017, 212, 162-171.	4.1	68
44	The effects of catchment and riparian forest quality on stream environmental conditions across a tropical rainforest and oil palm landscape in Malaysian Borneo. <i>Ecohydrology</i> , 2017, 10, e1827.	2.4	66
45	An ensemble of spatially explicit land-cover model projections: prospects and challenges to retrospectively evaluate deforestation policy. <i>Modeling Earth Systems and Environment</i> , 2017, 3, 1215-1228.	3.4	12
46	Evaluating conceptual models of landscape change. <i>Ecography</i> , 2017, 40, 74-84.	4.5	35
47	Predicted trajectories of tree community change in Amazonian rainforest fragments. <i>Ecography</i> , 2017, 40, 26-35.	4.5	33
48	Effects of different land-use on suspended sediment dynamics in Sabah (Malaysian Borneo) – a view at the event and annual timescales. <i>Hydrological Research Letters</i> , 2017, 11, 79-84.	0.5	18
49	Mapping Aboveground Carbon in Oil Palm Plantations Using LiDAR: A Comparison of Tree-Centric versus Area-Based Approaches. <i>Remote Sensing</i> , 2017, 9, 816.	4.0	18
50	Increasing land-use intensity reverses the relative occupancy of two quadrupedal scavengers. <i>PLoS ONE</i> , 2017, 12, e0177143.	2.5	9
51	Vertical stratification of adult mosquitoes (Diptera: Culicidae) within a tropical rainforest in Sabah, Malaysia. <i>Malaria Journal</i> , 2016, 15, 370.	2.3	47
52	Movement Behavior of Native and Invasive Small Mammals Shows Logging May Facilitate Invasion in a Tropical Rain Forest. <i>Biotropica</i> , 2016, 48, 373-380.	1.6	17
53	The Environmental Legacy of Modern Tropical Deforestation. <i>Current Biology</i> , 2016, 26, 2161-2166.	3.9	68
54	Grain-dependent responses of mammalian diversity to land use and the implications for conservation set-aside. <i>Ecological Applications</i> , 2016, 26, 1409-1420.	3.8	25

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55	Abundance signals of amphibians and reptiles indicate strong edge effects in Neotropical fragmented forest landscapes. <i>Biological Conservation</i> , 2016, 200, 207-215.	4.1	45
56	Influence of microhabitat structure and disturbance on detection of native and non-native murids in logged and unlogged forests of northern Borneo. <i>Journal of Tropical Ecology</i> , 2015, 31, 25-35.	1.1	18
57	Deadwood biomass: an underestimated carbon stock in degraded tropical forests?. <i>Environmental Research Letters</i> , 2015, 10, 044019.	5.2	60
58	Global impacts of energy demand on the freshwater resources of nations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E6707-16.	7.1	98
59	Logging cuts the functional importance of invertebrates in tropical rainforest. <i>Nature Communications</i> , 2015, 6, 6836.	12.8	127
60	Whole-ecosystem experimental manipulations of tropical forests. <i>Trends in Ecology and Evolution</i> , 2015, 30, 334-346.	8.7	46
61	Habitat fragmentation and its lasting impact on Earth's ecosystems. <i>Science Advances</i> , 2015, 1, e1500052.	10.3	2,541
62	Global effects of land use on local terrestrial biodiversity. <i>Nature</i> , 2015, 520, 45-50.	27.8	2,669
63	The relationship between leaf area index and microclimate in tropical forest and oil palm plantation: Forest disturbance drives changes in microclimate. <i>Agricultural and Forest Meteorology</i> , 2015, 201, 187-195.	4.8	298
64	The ecological consequences of habitat loss and fragmentation in New Zealand and Australia. , 2014, , 45-64.		0
65	Edge Effects Disrupt Vertical Stratification of Microclimate in a Temperate Forest Canopy. <i>Pacific Science</i> , 2014, 68, 493-508.	0.6	26
66	The transparency, reliability and utility of tropical rainforest land-use and land-cover change models. <i>Global Change Biology</i> , 2014, 20, 1707-1722.	9.5	45
67	<sc>BIOFRAG</sc> â€“ a new database for analyzing <sc>BIO</sc> diversity responses to forest <sc>FRAG</sc> mentation. <i>Ecology and Evolution</i> , 2014, 4, 1524-1537.	1.9	29
68	Road networks predict human influence on Amazonian bird communities. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20141742.	2.6	27
69	Large scale spatio-temporal patterns of road development in the Amazon rainforest. <i>Environmental Conservation</i> , 2014, 41, 253-264.	1.3	8
70	Temporal patterns of road network development in the Brazilian Amazon. <i>Regional Environmental Change</i> , 2013, 13, 927-937.	2.9	40
71	A fractal-based sampling design for ecological surveys quantifying Î²-diversity. <i>Methods in Ecology and Evolution</i> , 2013, 4, 63-72.	5.2	22
72	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

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73	Response to Comment on "Extinction Debt and Windows of Conservation Opportunity in the Brazilian Amazon". <i>Science</i> , 2013, 339, 271-271.	12.6	7
74	Using landscape history to predict biodiversity patterns in fragmented landscapes. <i>Ecology Letters</i> , 2013, 16, 1221-1233.	6.4	65
75	Fragmentation Impairs the Microclimate Buffering Effect of Tropical Forests. <i>PLoS ONE</i> , 2013, 8, e58093.	2.5	183
76	Predictive Modelling of Contagious Deforestation in the Brazilian Amazon. <i>PLoS ONE</i> , 2013, 8, e77231.	2.5	88
77	Assessing the Status of Wild Felids in a Highly-Disturbed Commercial Forest Reserve in Borneo and the Implications for Camera Trap Survey Design. <i>PLoS ONE</i> , 2013, 8, e77598.	2.5	63
78	Evaluating the legacy of landscape history: extinction debt and species credit in bird and small mammal assemblages in the Brazilian Atlantic Forest. <i>Journal of Applied Ecology</i> , 2012, 49, 1325-1333.	4.0	57
79	Unraveling the drivers of community dissimilarity and species extinction in fragmented landscapes. <i>Ecology</i> , 2012, 93, 2560-2569.	3.2	82
80	Landscape moderation of biodiversity patterns and processes – eight hypotheses. <i>Biological Reviews</i> , 2012, 87, 661-685.	10.4	1,443
81	Extinction Debt and Windows of Conservation Opportunity in the Brazilian Amazon. <i>Science</i> , 2012, 337, 228-232.	12.6	200
82	Land-use and land-cover change in Atlantic Forest landscapes. <i>Forest Ecology and Management</i> , 2012, 278, 80-89.	3.2	137
83	Predicting the impacts of edge effects in fragmented habitats: Laurance and Yensen's core area model revisited. <i>Biological Conservation</i> , 2012, 155, 104-110.	4.1	40
84	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
85	Production land use alters edge response functions in remnant forest invertebrate communities. , 2011, 21, 3147-3161.		39
86	Comparing species and measures of landscape structure as indicators of conservation importance. <i>Journal of Applied Ecology</i> , 2011, 48, 706-714.	4.0	63
87	Edge effects as the principal cause of area effects on birds in fragmented secondary forest. <i>Oikos</i> , 2010, 119, 918-926.	2.7	142
88	Assessing the impacts of fragmentation on plant communities in New Zealand: scaling from survey plots to landscapes. <i>Global Ecology and Biogeography</i> , 2010, 19, 741-754.	5.8	31
89	Making statistics biologically relevant in fragmented landscapes. <i>Trends in Ecology and Evolution</i> , 2010, 25, 699-704.	8.7	35
90	Do increases in agricultural yield spare land for nature?. <i>Global Change Biology</i> , 2009, 15, 1716-1726.	9.5	236

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91	Priority research areas for ecosystem services in a changing world. <i>Journal of Applied Ecology</i> , 2009, 46, 1139-1144.	4.0	154
92	Prospects for tropical forest biodiversity in a human-modified world. <i>Ecology Letters</i> , 2009, 12, 561-582.	6.4	735
93	Mapping community change in modified landscapes. <i>Biological Conservation</i> , 2009, 142, 2872-2880.	4.1	21
94	Spatio-temporal variation in mortality rates of <i>Mecodema</i> spp. (Coleoptera: Carabidae) across a forest-grassland edge in New Zealand. <i>Insect Conservation and Diversity</i> , 2008, 1, 40-47.	3.0	2
95	Estimates of reserve effectiveness are confounded by leakage. <i>Trends in Ecology and Evolution</i> , 2008, 23, 113-116.	8.7	176
96	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
97	Temporal fluctuations in Amazonian deforestation rates. <i>Environmental Conservation</i> , 2008, 35, 303.	1.3	41
98	Deforesting the Earth: From Prehistory to Global Crisis. An Abridgement BY MICHAEL WILLIAMS xviii + 543 pp., 23 Å— 15 Å— 4 cm, ISBN 0 226 89947 0 paperback, US\$ 25.00/GBÅ£ 16.00, Chicago, USA/London, UK: The University of Chicago Press, 2006. <i>Environmental Conservation</i> , 2007, 34, 83-84.		0
99	Interactive effects of habitat modification and species invasion on native species decline. <i>Trends in Ecology and Evolution</i> , 2007, 22, 489-496.	8.7	692
100	SYNERGISTIC INTERACTIONS BETWEEN EDGE AND AREA EFFECTS IN A HEAVILY FRAGMENTED LANDSCAPE. <i>Ecology</i> , 2007, 88, 96-106.	3.2	193
101	The Effect of Fragment Shape and Species' Sensitivity to Habitat Edges on Animal Population Size. <i>Conservation Biology</i> , 2007, 21, 926-936.	4.7	184
102	Vertical stratification in the spatial distribution of the beech scale insect ( <i>Ultracoelostoma assimile</i> ) in <i>Nothofagus</i> tree canopies in New Zealand. <i>Ecological Entomology</i> , 2006, 31, 185-195.	2.2	17
103	Confounding factors in the detection of species responses to habitat fragmentation. <i>Biological Reviews</i> , 2006, 81, 117.	10.4	1,615
104	Continuous response functions for quantifying the strength of edge effects. <i>Journal of Applied Ecology</i> , 2006, 43, 527-536.	4.0	153
105	Scale-dependent patterns of deforestation in the Brazilian Amazon. <i>Environmental Conservation</i> , 2006, 33, 203-211.	1.3	24