Ian P Vaughan

List of Publications by Year
in descending order

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Version: 2024-02-01

70 papers	3,881 citations	172457 29 h-index	128289 60 g-index
71 all docs	71 docs citations	71 times ranked	5202 citing authors

#	Article	IF	Citations
1	Where is the UK's pollinator biodiversity? The importance of urban areas for flower-visiting insects. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20142849.	2.6	393
2	A systems approach reveals urban pollinator hotspots and conservation opportunities. Nature Ecology and Evolution, 2019, 3, 363-373.	7.8	293
3	Integrating ecology with hydromorphology: a priority for river science and management. Aquatic Conservation: Marine and Freshwater Ecosystems, 2009, 19, 113-125.	2.0	271
4	The continuing challenges of testing species distribution models. Journal of Applied Ecology, 2005, 42, 720-730.	4.0	256
5	Collembola as alternative prey sustaining spiders in arable ecosystems: prey detection within predators using molecular markers. Molecular Ecology, 2003, 12, 3467-3475.	3.9	244
6	The forgotten flies: the importance of non-syrphid Diptera as pollinators. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20142934.	2.6	173
7	Phenology of farmland floral resources reveals seasonal gaps in nectar availability for bumblebees. Journal of Applied Ecology, 2019, 56, 1585-1596.	4.0	160
8	Improving the Quality of Distribution Models for Conservation by Addressing Shortcomings in the Field Collection of Training Data. Conservation Biology, 2003, 17, 1601-1611.	4.7	154
9	Contrasting effects of natural and anthropogenic stressors on beta diversity in river organisms. Global Ecology and Biogeography, 2013, 22, 796-805.	5.8	142
10	Scaleâ€dependent effects of fine sediments on temperate headwater invertebrates. Freshwater Biology, 2009, 54, 203-219.	2.4	128
11	Field and laboratory studies reveal interacting effects of stream oxygenation and warming on aquatic ectotherms. Global Change Biology, 2016, 22, 1769-1778.	9.5	111
12	Modest enhancements to conventional grassland diversity improve the provision of pollination services. Journal of Applied Ecology, 2016, 53, 906-915.	4.0	96
13	Prey choice by carabid beetles feeding on an earthworm community analysed using species- and lineage-specific PCR primers. Molecular Ecology, 2010, 19, 1721-1732.	3.9	92
14	Largeâ€scale, longâ€term trends in <scp>B</scp>ritish river macroinvertebrates. Global Change Biology, 2012, 18, 2184-2194.	9.5	89
15	METHODOLOGICAL INSIGHTS: Increasing the value of principal components analysis for simplifying ecological data: a case study with rivers and river birds. Journal of Applied Ecology, 2005, 42, 487-497.	4.0	65
16	Antagonistic fungal interactions influence carbon dioxide evolution from decomposing wood. Fungal Ecology, 2015, 14, 24-32.	1.6	64
17	Intraguild predation in winter wheat: prey choice by a common epigeal carabid consuming spiders. Journal of Applied Ecology, 2013, 50, 271-279.	4.0	62
18	Juvenile salmonid populations in a temperate river system track synoptic trends in climate. Global Change Biology, 2010, 16, 3271-3283.	9.5	56

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19	Combining surveys of river habitats and river birds to appraise riverine hydromorphology. Freshwater Biology, 2007, 52, 2270-2284.	2.4	50
20	High Resilience of Seed Dispersal Webs Highlighted by the Experimental Removal of the Dominant Disperser. Current Biology, 2016, 26, 910-915.	3.9	49
21	Species roles in plantâ€“pollinator communities are conserved across native and alien ranges. Diversity and Distributions, 2016, 22, 841-852.	4.1	46
22	The Impact of the Invasive Alien Plant, Impatiens glandulifera, on Pollen Transfer Networks. PLoS ONE, 2015, 10, e0143532.	2.5	45
23	econullnetr: An <scp>r</scp> package using null models to analyse the structure of ecological networks and identify resource selection. Methods in Ecology and Evolution, 2018, 9, 728-733.	5.2	44
24	Quantifying nectar production by flowering plants in urban and rural landscapes. Journal of Ecology, 2021, 109, 1747-1757.	4.0	44
25	Linking ecological and hydromorphological data: approaches, challenges and future prospects for riverine science. Aquatic Conservation: Marine and Freshwater Ecosystems, 2010, 20, S125.	2.0	42
26	Reappraising the effects of habitat structure on river macroinvertebrates. Freshwater Biology, 2013, 58, 2154-2167.	2.4	42
27	Benchmarking habitat quality: observations using River Habitat Survey on nearâ€natural streams and rivers in northern and western Europe. Aquatic Conservation: Marine and Freshwater Ecosystems, 2010, 20, S13.	2.0	37
28	Water quality improvements offset the climatic debt for stream macroinvertebrates over twenty years. Nature Communications, 2019, 10, 1956.	12.8	37
29	Results from the first GPS tracking of roof-nesting Herring GullsLarus argentatusin the UK. Ringing and Migration, 2016, 31, 47-62.	0.4	32
30	Evaluating methods for estimating home ranges using GPS collars: A comparison using proboscis monkeys (Nasalis larvatus). PLoS ONE, 2017, 12, e0174891.	2.5	32
31	Money spider dietary choice in preâ€and postâ€harvest cereal crops using metabarcoding. Ecological Entomology, 2021, 46, 249-261.	2.2	32
32	Linking interdecadal changes in British river ecosystems to water quality and climate dynamics. Global Change Biology, 2014, 20, 2725-2740.	9.5	31
33	Bearded pig (Sus barbatus) utilisation of a fragmented forestâ€“oil palm landscape in Sabah, Malaysian Borneo. Wildlife Research, 2017, 44, 603.	1.4	27
34	Comparing the ecological impacts of native and invasive crayfish: could native speciesâ€™ translocation do more harm than good?. Oecologia, 2015, 178, 309-316.	2.0	26
35	Testing the River Continuum Concept with geostatistical stream-network models. Ecological Complexity, 2019, 39, 100773.	2.9	26
36	The Effects of Supplementary Food on the Breeding Performance of Eurasian Reed Warblers Acrocephalus scirpaceus; Implications for Climate Change Impacts. PLoS ONE, 2016, 11, e0159933.	2.5	23

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37	Combining drones and satellite tracking as an effective tool for informing policy change in riparian habitats: a proboscis monkey case study. Remote Sensing in Ecology and Conservation, 2018, 4, 44-52.	4.3	22
38	Plant species roles in pollination networks: an experimental approach. Oikos, 2019, 128, 1446-1457.	2.7	22
39	Evaluating the effects of riparian restoration on a temperate riverâ€system using standardized habitat survey. Aquatic Conservation: Marine and Freshwater Ecosystems, 2010, 20, S96.	2.0	21
40	Molecular field analysis of trophic relationships in soilâ€dwelling invertebrates to identify mercury, lead and cadmium transmission through forest ecosystems. Molecular Ecology, 2014, 23, 3755-3766.	3.9	21
41	Bumblebee colony density on farmland is influenced by lateâ€summer nectar supply and garden cover. Journal of Applied Ecology, 2021, 58, 1006-1016.	4.0	20
42	Long-term estimates of adult survival rates of urban Herring GullsLarus argentatusand Lesser Black-backed GullsLarus fuscus. Ringing and Migration, 2013, 28, 21-29.	0.4	19
43	Evaluating largeâ€scale effects of Bacillus thuringiensis var. israelensis on nonâ€biting midges (Chironomidae) in a eutrophic urban lake. Freshwater Biology, 2008, 53, 2117-2128.	2.4	18
44	Episodic acidification affects the breakdown and invertebrate colonisation of oak litter. Freshwater Biology, 2012, 57, 2318-2329.	2.4	18
45	Resolving largeâ€scale pressures on species and ecosystems: propensity modelling identifies agricultural effects on streams. Journal of Applied Ecology, 2016, 53, 408-417.	4.0	15
46	MEDI: Macronutrient Extraction and Determination from invertebrates, a rapid, cheap and streamlined protocol. Methods in Ecology and Evolution, 2021, 12, 593-601.	5.2	14
47	Turnover in floral composition explains species diversity and temporal stability in the nectar supply of urban residential gardens. Journal of Applied Ecology, 2022, 59, 801-811.	4.0	14
48	Densityâ€independent prey choice, taxonomy, life history, and web characteristics determine the diet and biocontrol potential of spiders (Linyphiidae and Lycosidae) in cereal crops. Environmental DNA, 2022, 4, 549-564.	5.8	14
49	Habitat indices for rivers: derivation and applications. Aquatic Conservation: Marine and Freshwater Ecosystems, 2010, 20, S4.	2.0	13
50	A comparison of clearfelling and gradual thinning of plantations for the restoration of insect herbivores and woodland plants. Journal of Applied Ecology, 2015, 52, 1538-1546.	4.0	13
51	Successful predictions of river characteristics across England and Wales based on ordination. Geomorphology, 2013, 194, 121-131.	2.6	12
52	Habitat Use and Body Mass Regulation among Warblers in the Sahel Region during the Non-Breeding Season. PLoS ONE, 2014, 9, e113665.	2.5	12
53	Impacts of herbivory by ecological replacements on an island ecosystem. Journal of Applied Ecology, 2022, 59, 2245-2261.	4.0	11
54	The effects of pastoral intensification on the feeding interactions of generalist predators in streams. Molecular Ecology, 2018, 27, 590-602.	3.9	9

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55	Spatiotemporal Analysis of Predation by Carabid Beetles (Carabidae) on Nematode Infected and Uninfected Slugs in the Field. PLoS ONE, 2013, 8, e82142.	2.5	9
56	Populations of highâ€value predators reflect the traits of their prey. Ecography, 2021, 44, 690-702.	4.5	8
57	Contrasting sensitivity of nestling and fledgling Barn Swallow Hirundo rustica body mass to local weather conditions. Ibis, 2020, 162, 1163-1174.	1.9	7
58	Interaction generalisation and demographic feedbacks drive the resilience of plantâ€“insect networks to extinctions. Journal of Animal Ecology, 2021, 90, 2109-2121.	2.8	7
59	Changes in the photosynthetic coefficients Î± and Pm of Planktothrix rubescens grown on light-dark cycles. Aquatic Sciences, 2001, 63, 350-362.	1.5	6
60	Using natural marks in a spatially explicit capture-recapture framework to estimate preliminary population density of cryptic endangered wild cattle in Borneo. Global Ecology and Conservation, 2019, 20, e00748.	2.1	5
61	The impact of a native dominant plant, Euphorbia jolkinii, on plantâ€“flower visitor networks and pollen deposition on stigmas of coâ€flowering species in subalpine meadows of Shangriâ€La, SW China. Journal of Ecology, 2021, 109, 2107-2120.	4.0	5
62	Studentâ€centred experiments with stream invertebrates. Journal of Biological Education, 2011, 45, 106-111.	1.5	4
63	Testing the ecosystem service cascade framework for Atlantic salmon. Ecosystem Services, 2020, 46, 101196.	5.4	4
64	A 20-Year View of Monitoring Ecological Quality in English and Welsh Rivers. , 0, , 79-89.		4
65	Spatial and temporal behavioural responses of wild cattle to tropical forest degradation. PLoS ONE, 2018, 13, e0195444.	2.5	3
66	Using Climatic Credits to Pay the Climatic Debt. Trends in Ecology and Evolution, 2021, 36, 104-112.	8.7	3
67	Environmental nitrate impacts foraging and agonistic behaviours of invasive non-native crayfish (Pacifastacus leniusculus and Faxonius virilis). Hydrobiologia, 2021, 848, 2345-2354.	2.0	3
68	Acidâ€“base status mediates the selection of organic habitats by upland stream invertebrates. Hydrobiologia, 2015, 745, 97-109.	2.0	2
69	Niche Modeling: Predictions from Statistical Distributions. Journal of the Royal Statistical Society Series A: Statistics in Society, 2008, 171, 1040-1041.	1.1	0
70	Testing for effects of tail-mounted radio tags and environmental variables on European Nightjar Caprimulgus europaeus nest survival. Bird Study, 2020, 67, 429-439.	1.0	0