

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	Turnover in floral composition explains species diversity and temporal stability in the nectar supply of urban residential gardens. <i>Journal of Applied Ecology</i> , 2022, 59, 801-811.	4.0	14
2	Impacts of herbivory by ecological replacements on an island ecosystem. <i>Journal of Applied Ecology</i> , 2022, 59, 2245-2261.	4.0	11
3	Density-independent prey choice, taxonomy, life history, and web characteristics determine the diet and biocontrol potential of spiders (Linyphiidae and Lycosidae) in cereal crops. <i>Environmental DNA</i> , 2022, 4, 549-564.	5.8	14
4	Money spider dietary choice in pre- and post-harvest cereal crops using metabarcoding. <i>Ecological Entomology</i> , 2021, 46, 249-261.	2.2	32
5	Using Climatic Credits to Pay the Climatic Debt. <i>Trends in Ecology and Evolution</i> , 2021, 36, 104-112.	8.7	3
6	MEDI: Macronutrient Extraction and Determination from invertebrates, a rapid, cheap and streamlined protocol. <i>Methods in Ecology and Evolution</i> , 2021, 12, 593-601.	5.2	14
7	Bumblebee colony density on farmland is influenced by late-summer nectar supply and garden cover. <i>Journal of Applied Ecology</i> , 2021, 58, 1006-1016.	4.0	20
8	Quantifying nectar production by flowering plants in urban and rural landscapes. <i>Journal of Ecology</i> , 2021, 109, 1747-1757.	4.0	44
9	Environmental nitrate impacts foraging and agonistic behaviours of invasive non-native crayfish (<i>Pacifastacus leniusculus</i> and <i>Faxonius virilis</i>). <i>Hydrobiologia</i> , 2021, 848, 2345-2354.	2.0	3
10	Populations of high-value predators reflect the traits of their prey. <i>Ecography</i> , 2021, 44, 690-702.	4.5	8
11	The impact of a native dominant plant, <i>Euphorbia jolkinii</i> , on plant-flower visitor networks and pollen deposition on stigmas of co-flowering species in subalpine meadows of Shangri-La, SW China. <i>Journal of Ecology</i> , 2021, 109, 2107-2120.	4.0	5
12	Interaction generalisation and demographic feedbacks drive the resilience of plant-insect networks to extinctions. <i>Journal of Animal Ecology</i> , 2021, 90, 2109-2121.	2.8	7
13	Testing the ecosystem service cascade framework for Atlantic salmon. <i>Ecosystem Services</i> , 2020, 46, 101196.	5.4	4
14	Contrasting sensitivity of nestling and fledgling Barn Swallow (<i>Hirundo rustica</i>) body mass to local weather conditions. <i>Ibis</i> , 2020, 162, 1163-1174.	1.9	7
15	Testing for effects of tail-mounted radio tags and environmental variables on European Nightjar (<i>Caprimulgus europaeus</i>) nest survival. <i>Bird Study</i> , 2020, 67, 429-439.	1.0	0
16	Using natural marks in a spatially explicit capture-recapture framework to estimate preliminary population density of cryptic endangered wild cattle in Borneo. <i>Global Ecology and Conservation</i> , 2019, 20, e00748.	2.1	5
17	Testing the River Continuum Concept with geostatistical stream-network models. <i>Ecological Complexity</i> , 2019, 39, 100773.	2.9	26
18	Plant species roles in pollination networks: an experimental approach. <i>Oikos</i> , 2019, 128, 1446-1457.	2.7	22

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19	Phenology of farmland floral resources reveals seasonal gaps in nectar availability for bumblebees. <i>Journal of Applied Ecology</i> , 2019, 56, 1585-1596.	4.0	160
20	Water quality improvements offset the climatic debt for stream macroinvertebrates over twenty years. <i>Nature Communications</i> , 2019, 10, 1956.	12.8	37
21	A systems approach reveals urban pollinator hotspots and conservation opportunities. <i>Nature Ecology and Evolution</i> , 2019, 3, 363-373.	7.8	293
22	econullnetr: An R package using null models to analyse the structure of ecological networks and identify resource selection. <i>Methods in Ecology and Evolution</i> , 2018, 9, 728-733.	5.2	44
23	The effects of pastoral intensification on the feeding interactions of generalist predators in streams. <i>Molecular Ecology</i> , 2018, 27, 590-602.	3.9	9
24	Combining drones and satellite tracking as an effective tool for informing policy change in riparian habitats: a proboscis monkey case study. <i>Remote Sensing in Ecology and Conservation</i> , 2018, 4, 44-52.	4.3	22
25	Spatial and temporal behavioural responses of wild cattle to tropical forest degradation. <i>PLoS ONE</i> , 2018, 13, e0195444.	2.5	3
26	Bearded pig (<i>Sus barbatus</i>) utilisation of a fragmented forest-oil palm landscape in Sabah, Malaysian Borneo. <i>Wildlife Research</i> , 2017, 44, 603.	1.4	27
27	Evaluating methods for estimating home ranges using GPS collars: A comparison using proboscis monkeys (<i>Nasalis larvatus</i>). <i>PLoS ONE</i> , 2017, 12, e0174891.	2.5	32
28	The Effects of Supplementary Food on the Breeding Performance of Eurasian Reed Warblers <i>Acrocephalus scirpaceus</i> ; Implications for Climate Change Impacts. <i>PLoS ONE</i> , 2016, 11, e0159933.	2.5	23
29	Species roles in plant-pollinator communities are conserved across native and alien ranges. <i>Diversity and Distributions</i> , 2016, 22, 841-852.	4.1	46
30	Resolving large-scale pressures on species and ecosystems: propensity modelling identifies agricultural effects on streams. <i>Journal of Applied Ecology</i> , 2016, 53, 408-417.	4.0	15
31	Modest enhancements to conventional grassland diversity improve the provision of pollination services. <i>Journal of Applied Ecology</i> , 2016, 53, 906-915.	4.0	96
32	Results from the first GPS tracking of roof-nesting Herring Gulls (<i>Larus argentatus</i>) in the UK. <i>Ring and Migration</i> , 2016, 31, 47-62.	0.4	32
33	Field and laboratory studies reveal interacting effects of stream oxygenation and warming on aquatic ectotherms. <i>Global Change Biology</i> , 2016, 22, 1769-1778.	9.5	111
34	High Resilience of Seed Dispersal Webs Highlighted by the Experimental Removal of the Dominant Disperser. <i>Current Biology</i> , 2016, 26, 910-915.	3.9	49
35	A comparison of clearfelling and gradual thinning of plantations for the restoration of insect herbivores and woodland plants. <i>Journal of Applied Ecology</i> , 2015, 52, 1538-1546.	4.0	13
36	The Impact of the Invasive Alien Plant, <i>Impatiens glandulifera</i> , on Pollen Transfer Networks. <i>PLoS ONE</i> , 2015, 10, e0143532.	2.5	45

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37	Antagonistic fungal interactions influence carbon dioxide evolution from decomposing wood. <i>Fungal Ecology</i> , 2015, 14, 24-32.	1.6	64
38	Comparing the ecological impacts of native and invasive crayfish: could native speciesâ€™ translocation do more harm than good?. <i>Oecologia</i> , 2015, 178, 309-316.	2.0	26
39	Where is the UK's pollinator biodiversity? The importance of urban areas for flower-visiting insects. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20142849.	2.6	393
40	Acidâ€™base status mediates the selection of organic habitats by upland stream invertebrates. <i>Hydrobiologia</i> , 2015, 745, 97-109.	2.0	2
41	The forgotten flies: the importance of non-syrphid Diptera as pollinators. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20142934.	2.6	173
42	Habitat Use and Body Mass Regulation among Warblers in the Sahel Region during the Non-Breeding Season. <i>PLoS ONE</i> , 2014, 9, e113665.	2.5	12
43	Linking interdecadal changes in British river ecosystems to water quality and climate dynamics. <i>Global Change Biology</i> , 2014, 20, 2725-2740.	9.5	31
44	Molecular field analysis of trophic relationships in soilâ€™dwelling invertebrates to identify mercury, lead and cadmium transmission through forest ecosystems. <i>Molecular Ecology</i> , 2014, 23, 3755-3766.	3.9	21
45	Reappraising the effects of habitat structure on river macroinvertebrates. <i>Freshwater Biology</i> , 2013, 58, 2154-2167.	2.4	42
46	Successful predictions of river characteristics across England and Wales based on ordination. <i>Geomorphology</i> , 2013, 194, 121-131.	2.6	12
47	Long-term estimates of adult survival rates of urban Herring Gulls<i>Larus argentatus</i> and Lesser Black-backed Gulls<i>Larus fuscus</i>. <i>Ring and Migration</i> , 2013, 28, 21-29.	0.4	19
48	Intraguild predation in winter wheat: prey choice by a common epigeal carabid consuming spiders. <i>Journal of Applied Ecology</i> , 2013, 50, 271-279.	4.0	62
49	Contrasting effects of natural and anthropogenic stressors on beta diversity in river organisms. <i>Global Ecology and Biogeography</i> , 2013, 22, 796-805.	5.8	142
50	Spatiotemporal Analysis of Predation by Carabid Beetles (Carabidae) on Nematode Infected and Uninfected Slugs in the Field. <i>PLoS ONE</i> , 2013, 8, e82142.	2.5	9
51	Episodic acidification affects the breakdown and invertebrate colonisation of oak litter. <i>Freshwater Biology</i> , 2012, 57, 2318-2329.	2.4	18
52	Largeâ€™scale, longâ€™term trends in <sc>B</sc>ritish river macroinvertebrates. <i>Global Change Biology</i> , 2012, 18, 2184-2194.	9.5	89
53	Studentâ€™centred experiments with stream invertebrates. <i>Journal of Biological Education</i> , 2011, 45, 106-111.	1.5	4
54	Habitat indices for rivers: derivation and applications. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2010, 20, S4.	2.0	13

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55	Evaluating the effects of riparian restoration on a temperate river system using standardized habitat survey. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2010, 20, S96.	2.0	21
56	Benchmarking habitat quality: observations using River Habitat Survey on near-natural streams and rivers in northern and western Europe. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2010, 20, S13.	2.0	37
57	Linking ecological and hydromorphological data: approaches, challenges and future prospects for riverine science. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2010, 20, S125.	2.0	42
58	Juvenile salmonid populations in a temperate river system track synoptic trends in climate. <i>Global Change Biology</i> , 2010, 16, 3271-3283.	9.5	56
59	Prey choice by carabid beetles feeding on an earthworm community analysed using species- and lineage-specific PCR primers. <i>Molecular Ecology</i> , 2010, 19, 1721-1732.	3.9	92
60	Integrating ecology with hydromorphology: a priority for river science and management. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2009, 19, 113-125.	2.0	271
61	Scale-dependent effects of fine sediments on temperate headwater invertebrates. <i>Freshwater Biology</i> , 2009, 54, 203-219.	2.4	128
62	Niche Modeling: Predictions from Statistical Distributions. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2008, 171, 1040-1041.	1.1	0
63	Evaluating large-scale effects of <i>Bacillus thuringiensis</i> var. <i>israelensis</i> on nonbiting midges (Chironomidae) in a eutrophic urban lake. <i>Freshwater Biology</i> , 2008, 53, 2117-2128.	2.4	18
64	Combining surveys of river habitats and river birds to appraise riverine hydromorphology. <i>Freshwater Biology</i> , 2007, 52, 2270-2284.	2.4	50
65	METHODOLOGICAL INSIGHTS: Increasing the value of principal components analysis for simplifying ecological data: a case study with rivers and river birds. <i>Journal of Applied Ecology</i> , 2005, 42, 487-497.	4.0	65
66	The continuing challenges of testing species distribution models. <i>Journal of Applied Ecology</i> , 2005, 42, 720-730.	4.0	256
67	Collembola as alternative prey sustaining spiders in arable ecosystems: prey detection within predators using molecular markers. <i>Molecular Ecology</i> , 2003, 12, 3467-3475.	3.9	244
68	Improving the Quality of Distribution Models for Conservation by Addressing Shortcomings in the Field Collection of Training Data. <i>Conservation Biology</i> , 2003, 17, 1601-1611.	4.7	154
69	Changes in the photosynthetic coefficients $\hat{\mu}$ and P_m of <i>Planktothrix rubescens</i> grown on light-dark cycles. <i>Aquatic Sciences</i> , 2001, 63, 350-362.	1.5	6
70	A 20-Year View of Monitoring Ecological Quality in English and Welsh Rivers. , 0, , 79-89.		4