

William O C Symondson

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

4,268
citations

126907

33
h-index

118850

62
g-index

74
all docs

74
docs citations

74
times ranked

4728
citing authors

#	ARTICLE	IF	CITATIONS
1	Who is eating what: diet assessment using next generation sequencing. <i>Molecular Ecology</i> , 2012, 21, 1931-1950.	3.9	913
2	Opening a can of worms: unprecedented sympatric cryptic diversity within British lumbricid earthworms. <i>Molecular Ecology</i> , 2008, 17, 4684-4698.	3.9	194
3	The choice of universal primers and the characteristics of the species mixture determine when <sc>DNA</sc> metabarcoding can be quantitative. <i>Molecular Ecology</i> , 2019, 28, 407-419.	3.9	189
4	Spatial dynamics of predation by carabid beetles on slugs. <i>Journal of Animal Ecology</i> , 2000, 69, 367-379.	2.8	185
5	Do differences in food web structure between organic and conventional farms affect the ecosystem service of pest control?. <i>Ecology Letters</i> , 2009, 12, 229-238.	6.4	184
6	Prey selection by linyphiid spiders: molecular tracking of the effects of alternative prey on rates of aphid consumption in the field. <i>Molecular Ecology</i> , 2004, 13, 3549-3560.	3.9	171
7	Web-location by linyphiid spiders: prey-specific aggregation and foraging strategies. <i>Journal of Animal Ecology</i> , 2003, 72, 745-756.	2.8	122
8	The diet of <i>M</i>yotis lucifugus</i> across <sc>C</sc>anada: assessing foraging quality and diet variability. <i>Molecular Ecology</i> , 2014, 23, 3618-3632.	3.9	111
9	An inordinate fondness for beetles? Variation in seasonal dietary preferences of night-roosting big brown bats (<i>Eptesicus fuscus</i>). <i>Molecular Ecology</i> , 2014, 23, 3633-3647.	3.9	105
10	DYNAMICS OF THE RELATIONSHIP BETWEEN A GENERALIST PREDATOR AND SLUGS OVER FIVE YEARS. <i>Ecology</i> , 2002, 83, 137-147.	3.2	104
11	The significance of facultative scavenging in generalist predator nutrition: detecting decayed prey in the guts of predators using PCR. <i>Molecular Ecology</i> , 2005, 14, 4147-4158.	3.9	102
12	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
13	Molecular diagnostics reveal spiders that exploit prey vibrational signals used in sexual communication. <i>Molecular Ecology</i> , 2011, 20, 2204-2216.	3.9	81
14	Predatory activity and spatial pattern: the response of generalist carabids to their aphid prey. <i>Journal of Animal Ecology</i> , 2005, 74, 443-454.	2.8	79
15	Plant-eating by spiders. <i>Journal of Arachnology</i> , 2016, 44, 15-27.	0.5	73
16	New universal ITS2 primers for high-resolution herbivory analyses using DNA metabarcoding in both tropical and temperate zones. <i>Scientific Reports</i> , 2018, 8, 8542.	3.3	70
17	Resource partitioning by insectivorous bats in <sc>J</sc>amaica. <i>Molecular Ecology</i> , 2014, 23, 3648-3656.	3.9	68
18	Pyrosequencing of prey DNA in reptile faeces: analysis of earthworm consumption by slow worms. <i>Molecular Ecology Resources</i> , 2012, 12, 259-266.	4.8	66

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19	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
20	Special issue on molecular detection of trophic interactions: Unpicking the tangled bank. <i>Molecular Ecology</i> , 2014, 23, 3601-3604.	3.9	62
21	Diet of the insectivorous bat <i>Pipistrellus nathusii</i> during autumn migration and summer residence. <i>Molecular Ecology</i> , 2014, 23, 3672-3683.	3.9	57
22	An holistic ecological analysis of the diet of Cory's shearwaters using prey morphological characters and DNA barcoding. <i>Molecular Ecology</i> , 2014, 23, 3719-3733.	3.9	57
23	Spatial occurrence networks predict the feeding histories of polyphagous arthropod predators at field scales. <i>Ecography</i> , 2010, 33, 64-72.	4.5	55
24	Spiders and harvestmen as gastropod predators. <i>Ecological Entomology</i> , 2001, 26, 617-628.	2.2	54
25	The Slugs of Britain and Ireland: Undetected and Undescribed Species Increase a Well-Studied, Economically Important Fauna by More Than 20%. <i>PLoS ONE</i> , 2014, 9, e91907.	2.5	54
26	The effects of the insecticide chlorpyrifos on spider and Collembola communities. <i>Pedobiologia</i> , 2007, 51, 147-158.	1.2	51
27	Multiplex reactions for the molecular detection of predation on pest and nonpest invertebrates in agroecosystems. <i>Molecular Ecology Resources</i> , 2011, 11, 370-373.	4.8	44
28	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
29	An assessment of minimum sequence copy thresholds for identifying and reducing the prevalence of artefacts in dietary metabarcoding data. <i>Methods in Ecology and Evolution</i> , 2022, 13, 694-710.	5.2	44
30	Landscape structure influences modularity patterns in farm food webs: consequences for pest control. <i>Ecology</i> , 2011, 21, 516-524.		43
31	The problem of omnivory: A synthesis on omnivory and DNA metabarcoding. <i>Molecular Ecology</i> , 2021, 30, 2199-2206.	3.9	43
32	Invertebrate biodiversity affects predator fitness and hence potential to control pests in crops. <i>Biological Control</i> , 2009, 51, 499-506.	3.0	41
33	Beneficial links for the control of aphids: the effects of compost applications on predators and prey. <i>Journal of Applied Ecology</i> , 2008, 45, 1266-1273.	4.0	39
34	Discovery of a monophagous true predator, a specialist termite-eating spider (Araneae: Ammoxenidae). <i>Scientific Reports</i> , 2015, 5, 14013.	3.3	37
35	Vibrational Communication Networks: Eavesdropping and Biotic Noise. <i>Animal Signals and Communication</i> , 2014, , 93-123.	0.8	33
36	Prey detection in carabid beetles (Coleoptera: Carabidae) in woodland ecosystems by PCR analysis of gut contents. <i>European Journal of Entomology</i> , 2014, 111, 631-638.	1.2	32

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37	The decline of the Turtle Dove: Dietary associations with body condition and competition with other columbids analysed using high-throughput sequencing. <i>Molecular Ecology</i> , 2018, 27, 3386-3407.	3.9	32
38	Money spider dietary choice in pre- and post-harvest cereal crops using metabarcoding. <i>Ecological Entomology</i> , 2021, 46, 249-261.	2.2	32
39	Molecular analysis of the diets of snakes: changes in prey exploitation during development of the rare smooth snake <i>Coronella austriaca</i> . <i>Molecular Ecology</i> , 2014, 23, 3734-3743.	3.9	30
40	Phylogeny and biogeography of tropical carnivorous land snails (Pulmonata: Streptaxoidea) with particular reference to East Africa and the Indian Ocean. <i>Zoologica Scripta</i> , 2011, 40, 85-98.	1.7	29
41	Predation by generalist predators on the codling moth versus a closely related emerging pest the oriental fruit moth: a molecular analysis. <i>Agricultural and Forest Entomology</i> , 2012, 14, 260-269.	1.3	27
42	Chemical confinement of slugs: an alternative to electric fences. <i>Journal of Molluscan Studies</i> , 1993, 59, 259-261.	1.2	26
43	Integrating vibrational signals, mitochondrial DNA and morphology for species determination in the genus <i>Aphrodes</i> (Hemiptera: Cicadellidae). <i>Systematic Entomology</i> , 2014, 39, 304-324.	3.9	23
44	Molecular field analysis of trophic relationships in soil-dwelling invertebrates to identify mercury, lead and cadmium transmission through forest ecosystems. <i>Molecular Ecology</i> , 2014, 23, 3755-3766.	3.9	21
45	Introduction: Special issue on species interactions, ecological networks and community dynamics "Untangling the entangled bank using molecular techniques. <i>Molecular Ecology</i> , 2019, 28, 157-164.	3.9	20
46	Populations and Communities. , 2007, , 299-434.		19
47	The diet of red-throated divers (<i>Gavia stellata</i>) overwintering in the German Bight (North Sea) analysed using molecular diagnostics. <i>Marine Biology</i> , 2019, 166, 1.	1.5	17
48	Molecular Evidence for Gender Differences in the Migratory Behaviour of a Small Seabird. <i>PLoS ONE</i> , 2012, 7, e46330.	2.5	17
49	Monoclonal antibodies reveal changes in predator efficiency with prey spatial pattern. <i>Molecular Ecology</i> , 2008, 17, 1828-1839.	3.9	16
50	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
51	Primers for identification of type and other archived specimens of <i>Aphrodes</i> leafhoppers (Hemiptera, Cicadellidae). <i>Molecular Ecology Resources</i> , 2011, 11, 770-774.	4.8	14
52	Sex and age-biased nematode prevalence in reptiles. <i>Molecular Ecology</i> , 2014, 23, 3890-3899.	3.9	14
53	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
54	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

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55	Molecular Analysis of the Value of Horseshoe Crab Eggs to Migrating Shorebirds. Avian Biology Research, 2015, 8, 210-220.	0.9	12
56	How animals distribute themselves in space: energy landscapes of Antarctic avian predators. Movement Ecology, 2021, 9, 24.	2.8	12
57	Fungal microbiomes are determined by host phylogeny and exhibit widespread associations with the bacterial microbiome. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20210552.	2.6	12
58	Impacts of herbivory by ecological replacements on an island ecosystem. Journal of Applied Ecology, 2022, 59, 2245-2261.	4.0	11
59	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
60	Silk versus venom: alternative capture strategies employed by closely related myrmecophagous spiders. Biological Journal of the Linnean Society, 2019, 126, 545-554.	1.6	8
61	Insights into aphid prey consumption by ladybirds: Optimising field sampling methods and primer design for high throughput sequencing. PLoS ONE, 2020, 15, e0235054.	2.5	7
62	Characterization of eleven polymorphic microsatellite markers for leafhoppers of the genus Aphrodes (Hemiptera: Cicadellidae). Conservation Genetics Resources, 2014, 6, 933-935.	0.8	6
63	Estimation of trophic niches in myrmecophagous spider predators. Scientific Reports, 2020, 10, 8683.	3.3	6
64	Molecular analysis of amphipods in the diets of migrating shorebirds. Wader Study, 2016, 123, .	0.4	5
65	DNA metabarcoding reveals introduced species predominate in the diet of a threatened endemic omnivore, Telfairia's skink (<i>Leiopisma telfairii</i>). Ecology and Evolution, 2022, 12, e8484.	1.9	5
66	Electrophoretic separation of pulmonate haemocyanins; a simple taxonomic tool. Journal of Molluscan Studies, 1994, 60, 351-354.	1.2	4
67	Non-cultured faecal and gastrointestinal seed samples fail to detect Trichomonad infection in clinically and sub-clinically infected columbid birds. Conservation Genetics Resources, 2016, 8, 97-99.	0.8	4
68	Bornean caterpillar (Lepidoptera) constructs cocoon from <i>Vatica rassak</i> (Dipterocarpaceae) resin containing multiple deterrent compounds. Journal of Natural History, 2015, 49, 553-560.	0.5	3
69	Influence of Soil Tillage on Slugs and Their Natural Enemies. Advances in Agroecology, 2002, , .	0.3	3
70	Spatial dynamics of predation by carabid beetles: a response to Mairé (2001). Journal of Animal Ecology, 2001, 70, 877-879.	2.8	2
71	First Insights into the Diet Composition of Madeiran and Monteiro's Storm Petrels (Hydrobates) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.3	1
72	Species Separation within, and Preliminary Phylogeny for, the Leafhopper Genus Anoscopus with Particular Reference to the Putative British Endemic Anoscopus duffieldi (Hemiptera: Cicadellidae). Insects, 2020, 11, 799.	2.2	0