

John-James Wilson

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,805
citations

361413

20
h-index

302126

39
g-index

66
all docs

66
docs citations

66
times ranked

2553
citing authors

#	ARTICLE	IF	CITATIONS
1	Integration of DNA barcoding into an ongoing inventory of complex tropical biodiversity. <i>Molecular Ecology Resources</i> , 2009, 9, 1-26.	4.8	305
2	DNA metabarcoding of insects and allies: an evaluation of primers and pipelines. <i>Bulletin of Entomological Research</i> , 2015, 105, 717-727.	1.0	138
3	Compositional heterogeneity in true bug mitochondrial phylogenomics. <i>Molecular Phylogenetics and Evolution</i> , 2018, 118, 135-144.	2.7	112
4	DNA Barcodes for Insects. <i>Methods in Molecular Biology</i> , 2012, 858, 17-46.	0.9	109
5	Higher-level phylogeny and evolutionary history of Pentatomomorpha (Hemiptera: Heteroptera) inferred from mitochondrial genome sequences. <i>Systematic Entomology</i> , 2019, 44, 810-819.	3.9	84
6	Factors driving changes in freshwater mussel (<i>Bivalvia</i> , Unionida) diversity and distribution in Peninsular Malaysia. <i>Science of the Total Environment</i> , 2016, 571, 1069-1078.	8.0	81
7	Preying on commercial fisheries and accumulating paralytic shellfish toxins: a dietary analysis of invasive <i>Dosidicus gigas</i> (Cephalopoda Ommastrephidae) stranded in Pacific Canada. <i>Marine Biology</i> , 2012, 159, 25-31.	1.5	71
8	When species matches are unavailable are DNA barcodes correctly assigned to higher taxa? An assessment using sphingid moths. <i>BMC Ecology</i> , 2011, 11, 18.	3.0	69
9	Field calibration of blowfly-derived DNA against traditional methods for assessing mammal diversity in tropical forests. <i>Genome</i> , 2016, 59, 1008-1022.	2.0	44
10	Diagnosing Mitochondrial DNA Diversity: Applications of a Sentinel Gene Approach. <i>Journal of Molecular Evolution</i> , 2008, 66, 362-367.	1.8	39
11	Assessing the Value of DNA Barcodes and Other Priority Gene Regions for Molecular Phylogenetics of Lepidoptera. <i>PLoS ONE</i> , 2010, 5, e10525.	2.5	38
12	Building a DNA Barcode Reference Library for the True Butterflies (Lepidoptera) of Peninsula Malaysia: What about the Subspecies?. <i>PLoS ONE</i> , 2013, 8, e79969.	2.5	37
13	Reading Mammal Diversity from Flies: The Persistence Period of Amplifiable Mammal mtDNA in Blowfly Guts (<i>Chrysomya megacephala</i>) and a New DNA Mini-Barcode Target. <i>PLoS ONE</i> , 2015, 10, e0123871.	2.5	35
14	Evolution of tRNA gene rearrangement in the mitochondrial genome of ichneumonoid wasps (Hymenoptera: Ichneumonoidea). <i>International Journal of Biological Macromolecules</i> , 2020, 164, 540-547.	7.5	32
15	DNA barcoding for biosecurity: case studies from the UK plant protection program. <i>Genome</i> , 2016, 59, 1033-1048.	2.0	31
16	Impact of urbanisation and agriculture on the diet of fruit bats. <i>Urban Ecosystems</i> , 2018, 21, 61-70.	2.4	30
17	Urban parks: refuges for tropical butterflies in Southeast Asia?. <i>Urban Ecosystems</i> , 2016, 19, 1131-1147.	2.4	26
18	Identity of the ailanthus webworm moth (Lepidoptera, Yponomeutidae), a complex of two species: evidence from DNA barcoding, morphology and ecology. <i>ZooKeys</i> , 0, 46, 41-60.	1.1	25

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19	Mercury accumulation in bats near hydroelectric reservoirs in Peninsular Malaysia. <i>Ecotoxicology</i> , 2014, 23, 1164-1171.	2.4	24
20	Comparison of Butterflies, Bats and Beetles as Bioindicators Based on Four Key Criteria and DNA Barcodes. <i>Tropical Conservation Science</i> , 2015, 8, 138-149.	1.2	23
21	Trends in DNA barcoding and metabarcoding. <i>Genome</i> , 2019, 62, v-viii.	2.0	21
22	Pollination implications of the diverse diet of tropical nectar-feeding bats roosting in an urban cave. <i>PeerJ</i> , 2018, 6, e4572.	2.0	21
23	High-throughput terrestrial biodiversity assessments: mitochondrial metabarcoding, metagenomics or metatranscriptomics?. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2019, 30, 60-67.	0.7	20
24	Citizen Science: The First Peninsular Malaysia Butterfly Count. <i>Biodiversity Data Journal</i> , 2015, 3, e7159.	0.8	19
25	Application of DNA barcodes in wildlife conservation in Tropical East Asia. <i>Conservation Biology</i> , 2016, 30, 982-989.	4.7	19
26	Can butterflies cope with city life? Butterfly diversity in a young megacity in southern China. <i>Genome</i> , 2016, 59, 751-761.	2.0	19
27	Assessing the Value of DNA Barcodes for Molecular Phylogenetics: Effect of Increased Taxon Sampling in Lepidoptera. <i>PLoS ONE</i> , 2011, 6, e24769.	2.5	17
28	Short Communication Utility of DNA barcoding for rapid and accurate assessment of bat diversity in Malaysia in the absence of formally described species. <i>Genetics and Molecular Research</i> , 2014, 13, 920-925.	0.2	17
29	A two-step DNA barcoding approach for delimiting moth species: moths of Dongling Mountain (Beijing, China). <i>Trends in Ecology & Evolution</i> , 2016, 31, 103-110.	3.3	16
30	Diversity and human perceptions of bees (Hymenoptera: Apoidea) in Southeast Asian megacities. <i>Genome</i> , 2016, 59, 827-839.	2.0	15
31	A checklist of the bats of Peninsular Malaysia and progress towards a DNA barcode reference library. <i>PLoS ONE</i> , 2017, 12, e0179555.	2.5	15
32	Mitochondrial genome of <i>Phalantus geniculatus</i> (Hemiptera: Reduviidae): trnT duplication and phylogenetic implications. <i>International Journal of Biological Macromolecules</i> , 2019, 129, 110-115.	7.5	14
33	Intestinal Myiasis in a Malaysian Patient Caused by Larvae of <i>Clogmia albipunctatus</i> (Diptera: Tephritidae). <i>Trends in Ecology & Evolution</i> , 2018, 33, 103-110.	1.8	13
34	First report of brown widow spider sightings in Peninsular Malaysia and notes on its global distribution. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2015, 21, 11.	1.4	12
35	Public Perceptions and Knowledge of, and Responses to, Bats in Urban Areas in Peninsular Malaysia. <i>Anthrozoos</i> , 2019, 32, 825-834.	1.4	12
36	Ring roads and urban biodiversity: distribution of butterflies in urban parks in Beijing city and correlations with other indicator species. <i>Scientific Reports</i> , 2019, 9, 7653.	3.3	12

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37	First Case Report of Canthariasis in an Infant Caused by the Larvae of <i>Lasioderma serricorne</i> (Coleoptera: Anobiidae). <i>Journal of Medical Entomology</i> , 2016, 53, 1234-1237.	1.8	11
38	Hookworm infections among migrant workers in Malaysia: Molecular identification of <i>Necator americanus</i> and <i>Ancylostoma duodenale</i> . <i>Acta Tropica</i> , 2017, 173, 109-115.	2.0	10
39	Unexpected diversity of sandflies (Diptera: Psychodidae) in tourist caves in Northern Thailand. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2017, 28, 949-955.	0.7	10
40	Tracking the southern river terrapin (<i>Batagur affinis</i>) through environmental DNA: prospects and challenges. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2018, 29, 862-866.	0.7	10
41	Ectoparasites of murids in peninsular Malaysia and their associated diseases. <i>Parasites and Vectors</i> , 2015, 8, 254.	2.5	9
42	DNA barcodes and citizen science provoke a diversity reappraisal for the "ring-butterflies of Peninsular Malaysia" (<i>Ypthima</i> : Satyrinae: Nymphalidae: Lepidoptera). <i>Genome</i> , 2016, 59, 879-888.	2.0	9
43	Towards monitoring the sandflies (Diptera: Psychodidae) of Thailand: DNA barcoding the sandflies of Wihan Cave, Uttaradit. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 3795-3801.	0.7	9
44	Temporal changes in arthropod activity in tropical anthropogenic forests. <i>Bulletin of Entomological Research</i> , 2018, 108, 792-799.	1.0	9
45	DNA barcodes for dragonflies and damselflies (Odonata) of Mindanao, Philippines. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2018, 29, 206-211.	0.7	8
46	Genetic Diversity of <i>Pediculus humanus capitis</i> (Phthiraptera: Pediculidae) in Peninsular Malaysia and Molecular Detection of Its Potential Associated Pathogens. <i>Journal of Medical Entomology</i> , 2020, 57, 915-926.	1.8	8
47	Mitochondrial phylogeny and comparative mitogenomics of closely related pine moth pests (Lepidoptera: <i>Dendrolimus</i>). <i>PeerJ</i> , 2019, 7, e7317.	2.0	8
48	DNA barcoding implicates 23 species and four orders as potential pollinators of Chinese knotweed (<i>Persicaria chinensis</i>) in Peninsular Malaysia. <i>Bulletin of Entomological Research</i> , 2015, 105, 515-520.	1.0	7
49	Plant-herbivorous insect networks: who is eating what revealed by long barcodes using high-throughput sequencing and Trinity assembly. <i>Insect Science</i> , 2021, 28, 127-143.	3.0	7
50	Conserved gene arrangement in the mitochondrial genomes of barklouse families Stenopsocidae and Psocidae. <i>Frontiers of Agricultural Science and Engineering</i> , 2017, 4, 358.	1.4	6
51	DNA Barcoding: Bioinformatics Workflows for Beginners. , 2019, , 985-995.		5
52	Feeding behavior of <i>Mimomyia</i> (<i>Etoleptomyia</i>) <i>luzonensis</i> (Ludlow, 1905) (Diptera, Culicidae) in Peninsular Malaysia. <i>Acta Tropica</i> , 2017, 171, 138-140.	2.0	4
53	Birds from Sumatra given by Sir Stamford Raffles to Lord Stanley: links to names, types and drawings. <i>Bulletin of the British Ornithologists' Club</i> , 2021, 141, .	0.3	3
54	Taxonomy and DNA sequence databases: A perfect match?. <i>Terrestrial Arthropod Reviews</i> , 2011, 4, 221-236.	0.8	3

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55	Analysis of Gene Expression in an Inbred Line of Soft-Shell Clams (<i>Mya arenaria</i>) Displaying Growth Heterosis: Regulation of Structural Genes and the NOD2 Pathway. <i>International Journal of Genomics</i> , 2016, 2016, 1-10.	1.6	2
56	Complete mitochondrial genome of the soft-shell clam <i>Mya arenaria</i> . <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 3553-3554.	0.7	2
57	Using full-length metabarcoding and DNA barcoding to infer community assembly for speciose taxonomic groups: a case study. <i>Evolutionary Ecology</i> , 2020, 34, 1063-1088.	1.2	2
58	Butterflies in urban parks in the Bangkok Metropolitan Region, Thailand. <i>Biodiversity Data Journal</i> , 2020, 8, e56317.	0.8	2
59	Towards resolving the identities of the <i>Graphium</i> butterflies (Lepidoptera: Papilionidae) of Peninsular Malaysia. <i>Journal of Asia-Pacific Entomology</i> , 2014, 17, 333-338.	0.9	1
60	Letters to the Editor. <i>Isis</i> , 2009, 100, 117-117.	0.5	0