Jeremy R Dewaard

List of Publications by Year
in descending order

24 papers	12,143 citations	471509 17 h-index	610901 24 g-index
26 all docs	26 docs citations	26 times ranked	12471 citing authors

#	Article	IF	Citations
1	Biological identifications through DNA barcodes. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 313-321.	2.6	9,476
2	An inexpensive, automation-friendly protocol for recovering high-quality DNA. Molecular Ecology Notes, 2006, 6, 998-1002.	1.7	1,219
3	Assembling DNA Barcodes. Methods in Molecular Biology, 2008, 410, 275-294.	0.9	276
4	Counting animal species with DNA barcodes: Canadian insects. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150333.	4.0	267
5	A Sequel to Sanger: amplicon sequencing that scales. BMC Genomics, 2018, 19, 219.	2.8	190
6	<scp>DNA</scp> barcodes from centuryâ€old type specimens using nextâ€generation sequencing. Molecular Ecology Resources, 2016, 16, 487-497.	4.8	118
7	Probing the relationships of the branchiopod crustaceans. Molecular Phylogenetics and Evolution, 2006, 39, 491-502.	2.7	75
8	The Trichoptera barcode initiative: a strategy for generating a species-level Tree of Life. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20160025.	4.0	62
9	Expedited assessment of terrestrial arthropod diversity by coupling Malaise traps with DNA barcoding. Genome, 2019, 62, 85-95.	2.0	56
10	Common goals: policy implications of DNA barcoding as a protocol for identification of arthropod pests. Biological Invasions, 2010, 12, 2947-2954.	2.4	52
11	Shared but overlooked: 30 species of Holarctic Microlepidoptera revealed by DNA barcodes and morphology . Zootaxa, 2013, 3749, 1.	0.5	50
12	Probing planetary biodiversity with DNA barcodes: The Noctuoidea of North America. PLoS ONE, 2017, 12, e0178548.	2.5	49
13	Calibrating the taxonomy of a megadiverse insect family: 3000 DNA barcodes from geometrid type specimens (Lepidoptera, Geometridae). Genome, 2016, 59, 671-684.	2.0	44
14	DNA barcodes expose unexpected diversity in Canadian mites. Molecular Ecology, 2019, 28, 5347-5359.	3.9	40
15	A reference library for Canadian invertebrates with 1.5 million barcodes, voucher specimens, and DNA samples. Scientific Data, 2019, 6, 308.	5.3	39
16	Connecting highâ€throughput biodiversity inventories: Opportunities for a siteâ€based genomic framework for global integration and synthesis. Molecular Ecology, 2021, 30, 1120-1135.	3.9	26
17	A molecularâ€based identification resource for the arthropods of Finland. Molecular Ecology Resources, 2022, 22, 803-822.	4.8	26
18	Bulk arthropod abundance, biomass and diversity estimation using deep learning for computer vision. Methods in Ecology and Evolution, 2022, 13, 346-357.	5.2	17

#	Article	IF	Citations
19	Message in a Bottleâ€"Metabarcoding enables biodiversity comparisons across ecoregions. GigaScience, 2022, 11, .	6.4	14
20	DNA barcodes reveal deeply neglected diversity and numerous invasions of micromoths in Madagascar. Genome, 2019, 62, 108-121.	2.0	12
21	Hymenoptera of Canada. ZooKeys, 2019, 819, 311-360.	1.1	10
22	Population genetic structure of the salmon louse,Lepeophtheirus salmonis(KrÃ¸yer) on wild and farmed salmonids around the Pacific coast of Canada. Aquaculture Research, 2009, 40, 973-979.	1.8	9
23	DNA barcodes reveal striking arthropod diversity and unveil seasonal patterns of variation in the southern Atlantic Forest. PLoS ONE, 2022, 17, e0267390.	2.5	7
24	DNA barcodes enable higher taxonomic assignments in the Acari. Scientific Reports, 2021, 11, 15922.	3.3	6