

# Paul D N Hebert

## List of Publications by Year in descending order

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545  
papers

68,821  
citations

2309

101  
h-index

1056

241  
g-index

570  
all docs

570  
docs citations

570  
times ranked

32126  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological identifications through DNA barcodes. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 313-321.	1.2	9,476
2	BARCODING: bold: The Barcode of Life Data System ( <a href="http://www.barcodinglife.org">http://www.barcodinglife.org</a> ). Molecular Ecology Notes, 2007, 7, 355-364.	1.7	4,686
3	Barcoding animal life: cytochrome c oxidase subunit 1 divergences among closely related species. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, S96-9.	1.2	3,280
4	DNA barcoding Australia's fish species. Philosophical Transactions of the Royal Society B: Biological Sciences, 2005, 360, 1847-1857.	1.8	2,922
5	Ten species in one: DNA barcoding reveals cryptic species in the neotropical skipper butterfly <i>Astrartes fulgerator</i> . Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 14812-14817.	3.3	2,885
6	Identification of Birds through DNA Barcodes. PLoS Biology, 2004, 2, e312.	2.6	1,920
7	A DNA-Based Registry for All Animal Species: The Barcode Index Number (BIN) System. PLoS ONE, 2013, 8, e66213.	1.1	1,562
8	An inexpensive, automation-friendly protocol for recovering high-quality DNA. Molecular Ecology Notes, 2006, 6, 998-1002.	1.7	1,219
9	DNA barcodes distinguish species of tropical Lepidoptera. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 968-971.	3.3	1,160
10	Universal primer cocktails for fish DNA barcoding. Molecular Ecology Notes, 2007, 7, 544-548.	1.7	1,067
11	The Promise of DNA Barcoding for Taxonomy. Systematic Biology, 2005, 54, 852-859.	2.7	988
12	DNA barcoding: how it complements taxonomy, molecular phylogenetics and population genetics. Trends in Genetics, 2007, 23, 167-172.	2.9	934
13	The campaign to DNA barcode all fishes, FISH€BOL. Journal of Fish Biology, 2009, 74, 329-356.	0.7	770
14	Biological identifications through DNA barcodes. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 313-321.	1.2	685
15	A universal DNA mini-barcode for biodiversity analysis. BMC Genomics, 2008, 9, 214.	1.2	535
16	Ecological and Genetic Studies on <i>Dreissena polymorpha</i> (Pallas): a New Mollusc in the Great Lakes. Canadian Journal of Fisheries and Aquatic Sciences, 1989, 46, 1587-1591.	0.7	521
17	DNA barcodes reveal cryptic host-specificity within the presumed polyphagous members of a genus of parasitoid flies (Diptera: Tachinidae). Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 3657-3662.	3.3	505
18	Extreme diversity of tropical parasitoid wasps exposed by iterative integration of natural history, DNA barcoding, morphology, and collections. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 12359-12364.	3.3	504

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19	A minimalist barcode can identify a specimen whose DNA is degraded. <i>Molecular Ecology Notes</i> , 2006, 6, 959-964.	1.7	466
20	Critical factors for assembling a high volume of DNA barcodes. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2005, 360, 1959-1967.	1.8	430
21	Identifying spiders through DNA barcodes. <i>Canadian Journal of Zoology</i> , 2005, 83, 481-491.	0.4	421
22	Biological identifications through DNA barcodes: the case of the Crustacea. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2007, 64, 272-295.	0.7	419
23	Comprehensive DNA barcode coverage of North American birds. <i>Molecular Ecology Notes</i> , 2007, 7, 535-543.	1.7	397
24	DNA barcoding for effective biodiversity assessment of a hyperdiverse arthropod group: the ants of Madagascar. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2005, 360, 1825-1834.	1.8	388
25	DNA barcodes affirm that 16 species of apparently generalist tropical parasitoid flies (Diptera.) Tj ETQq1 1 0.784314 rgBT /Overlock 10 States of America, 2007, 104, 4967-4972.	3.3	351
26	DNA barcoding reveals extraordinary cryptic diversity in an amphipod genus: implications for desert spring conservation. <i>Molecular Ecology</i> , 2006, 15, 3073-3082.	2.0	340
27	Prospects for fungus identification using CO1 DNA barcodes, with <i>Penicillium</i> as a test case. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 3901-3906.	3.3	336
28	Effects of chemical contaminants on genetic diversity in natural populations: implications for biomonitoring and ecotoxicology. <i>Mutation Research - Reviews in Mutation Research</i> , 2000, 463, 33-51.	2.4	331
29	THE POPULATION BILOGY OF DAPHNIA (CRUSTACEA, DAPHNIDAE). <i>Biological Reviews</i> , 1978, 53, 387-426.	4.7	306
30	Integration of DNA barcoding into an ongoing inventory of complex tropical biodiversity. <i>Molecular Ecology Resources</i> , 2009, 9, 1-26.	2.2	305
31	Wedding biodiversity inventory of a large and complex Lepidoptera fauna with DNA barcoding. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2005, 360, 1835-1845.	1.8	285
32	Non-equilibrium gene frequency divergence: persistent founder effects in natural populations. <i>Journal of Evolutionary Biology</i> , 1992, 5, 25-39.	0.8	283
33	Assembling DNA Barcodes. <i>Methods in Molecular Biology</i> , 2008, 410, 275-294.	0.4	276
34	Counting animal species with DNA barcodes: Canadian insects. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150333.	1.8	267
35	Identifying Canadian mosquito species through DNA barcodes. <i>Medical and Veterinary Entomology</i> , 2006, 20, 413-424.	0.7	261
36	DNA barcoding of Neotropical bats: species identification and discovery within Guyana. <i>Molecular Ecology Notes</i> , 2007, 7, 184-190.	1.7	261

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37	<sc>DNA</sc> barcode-based delineation of putative species: efficient start for taxonomic workflows. <i>Molecular Ecology Resources</i> , 2014, 14, 706-715.	2.2	261
38	Biological identifications of mayflies (Ephemeroptera) using DNA barcodes. <i>Journal of the North American Benthological Society</i> , 2005, 24, 508-524.	3.0	240
39	Clonal Coexistence in <i>Daphnia pulex</i> (Leydig): Another Planktonic Paradox. <i>Science</i> , 1980, 207, 1363-1365.	6.0	237
40	A Tri-Oceanic Perspective: DNA Barcoding Reveals Geographic Structure and Cryptic Diversity in Canadian Polychaetes. <i>PLoS ONE</i> , 2011, 6, e22232.	1.1	235
41	From Pixels to Picograms. <i>Journal of Histochemistry and Cytochemistry</i> , 2002, 50, 735-749.	1.3	233
42	Biological identification of springtails (Hexapoda: Collembola) from the Canadian Arctic, using mitochondrial DNA barcodes. <i>Canadian Journal of Zoology</i> , 2004, 82, 749-754.	0.4	227
43	Species identification of aphids (Insecta: Hemiptera: Aphididae) through DNA barcodes. <i>Molecular Ecology Resources</i> , 2008, 8, 1189-1201.	2.2	225
44	Species on the menu of a generalist predator, the eastern red bat ( <i>Lasiurus borealis</i> ): using a molecular approach to detect arthropod prey. <i>Molecular Ecology</i> , 2009, 18, 2532-2542.	2.0	225
45	DNA barcodes for 1/1000 of the animal kingdom. <i>Biology Letters</i> , 2010, 6, 359-362.	1.0	225
46	Uses and Misuses of Environmental DNA in Biodiversity Science and Conservation. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2018, 49, 209-230.	3.8	218
47	DNA barcodes and cryptic species of skipper butterflies in the genus <i>Perichares</i> in Area de Conservaci3n Guanacaste, Costa Rica. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 6350-6355.	3.3	212
48	Mitochondrial DNA Diversity in Fishes and its Implications for Introductions. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1991, 48, 80-94.	0.7	209
49	A Single-Laboratory Validated Method for the Generation of DNA Barcodes for the Identification of Fish for Regulatory Compliance. <i>Journal of AOAC INTERNATIONAL</i> , 2011, 94, 201-210.	0.7	199
50	A comprehensive <sc>DNA</sc> barcode database for Central European beetles with a focus on Germany: adding more than 3500 identified species to BOLD. <i>Molecular Ecology Resources</i> , 2015, 15, 795-818.	2.2	198
51	Reproductive mode and population genetic structure of the cereal aphid <i>Sitobion avenae</i> studied using phenotypic and microsatellite markers. <i>Molecular Ecology</i> , 1999, 8, 531-545.	2.0	196
52	A Sequel to Sanger: amplicon sequencing that scales. <i>BMC Genomics</i> , 2018, 19, 219.	1.2	190
53	The Role of DNA Barcodes in Understanding and Conservation of Mammal Diversity in Southeast Asia. <i>PLoS ONE</i> , 2010, 5, e12575.	1.1	187
54	The systematics of North American <i>Daphnia</i> (Crustacea: Anomopoda): a molecular phylogenetic approach. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1996, 351, 349-360.	1.8	185

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55	DNA barcoding reveals overlooked marine fishes. <i>Molecular Ecology Resources</i> , 2009, 9, 237-242.	2.2	185
56	A DNA "Barcode Blitz"™: Rapid Digitization and Sequencing of a Natural History Collection. <i>PLoS ONE</i> , 2013, 8, e68535.	1.1	184
57	DNA barcoding largely supports 250 years of classical taxonomy: identifications for European bees ( <i>Hymenoptera</i> , <i>Apoidea</i> )	1.1	184
58	DNA barcoding in surveys of small mammal communities: a field study in Suriname. <i>Molecular Ecology Resources</i> , 2008, 8, 471-479.	2.2	172
59	Eating local: influences of habitat on the diet of little brown bats ( <i>Myotis lucifugus</i> ). <i>Molecular Ecology</i> , 2011, 20, 1772-1780.	2.0	170
60	DNA barcoding of Pacific Canada's fishes. <i>Marine Biology</i> , 2009, 156, 2641-2647.	0.7	168
61	Barcoding Nemo: DNA-Based Identifications for the Ornamental Fish Trade. <i>PLoS ONE</i> , 2009, 4, e6300.	1.1	168
62	Validation of COI metabarcoding primers for terrestrial arthropods. <i>PeerJ</i> , 2019, 7, e7745.	0.9	161
63	Species-Level Para- and Polyphyly in DNA Barcode Gene Trees: Strong Operational Bias in European Lepidoptera. <i>Systematic Biology</i> , 2016, 65, 1024-1040.	2.7	160
64	Barcoding Beetles: A Regional Survey of 1872 Species Reveals High Identification Success and Unusually Deep Interspecific Divergences. <i>PLoS ONE</i> , 2014, 9, e108651.	1.1	159
65	The Modulation of DNA Content: Proximate Causes and Ultimate Consequences. <i>Genome Research</i> , 1999, 9, 317-324.	2.4	159
66	Demography and ecological impacts of the invading mollusc <i>Dreissena polymorpha</i> . <i>Canadian Journal of Zoology</i> , 1991, 69, 405-409.	0.4	156
67	Probing Evolutionary Patterns in Neotropical Birds through DNA Barcodes. <i>PLoS ONE</i> , 2009, 4, e4379.	1.1	155
68	DNA Barcoding the Geometrid Fauna of Bavaria (Lepidoptera): Successes, Surprises, and Questions. <i>PLoS ONE</i> , 2011, 6, e17134.	1.1	153
69	DNA barcoding Central Asian butterflies: increasing geographical dimension does not significantly reduce the success of species identification. <i>Molecular Ecology Resources</i> , 2009, 9, 1302-1310.	2.2	151
70	The scale of divergence: A phylogenetic appraisal of intercontinental allopatric speciation in a passively dispersed freshwater zooplankton genus. <i>Molecular Phylogenetics and Evolution</i> , 2009, 50, 423-436.	1.2	146
71	DNA BARCODING: CO1 DNA barcoding amphibians: take the chance, meet the challenge. <i>Molecular Ecology Resources</i> , 2008, 8, 235-246.	2.2	145
72	Phylogenetics and Evolution of the <i>Daphnia longispina</i> Group (Crustacea) Based on 12S rDNA Sequence and Allozyme Variation. <i>Molecular Phylogenetics and Evolution</i> , 1996, 5, 495-510.	1.2	144

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73	Genome-size evolution in fishes. Canadian Journal of Fisheries and Aquatic Sciences, 2004, 61, 1636-1646.	0.7	144
74	Ecological and Physiological Differentiation Among Low-Artic Clones of <i>Daphnia Pulex</i> . Ecology, 1987, 68, 188-198.	1.5	142
75	Design and applicability of DNA arrays and DNA barcodes in biodiversity monitoring. BMC Biology, 2007, 5, 24.	1.7	141
76	Neotropical Bats: Estimating Species Diversity with DNA Barcodes. PLoS ONE, 2011, 6, e22648.	1.1	138
77	Complementary molecular information changes our perception of food web structure. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 1885-1890.	3.3	138
78	Cryptic species diversity and evolution in the amphipod genus <i>Hyaella</i> within central glaciated North America: a molecular phylogenetic approach. Canadian Journal of Fisheries and Aquatic Sciences, 2000, 57, 687-698.	0.7	136
79	Complete DNA barcode reference library for a country's butterfly fauna reveals high performance for temperate Europe. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 347-355.	1.2	135
80	Barcoding Bugs: DNA-Based Identification of the True Bugs (Insecta: Hemiptera: Heteroptera). PLoS ONE, 2011, 6, e18749.	1.1	135
81	The nucleotypic effects of cellular DNA content in cartilaginous and ray-finned fishes. Genome, 2003, 46, 683-706.	0.9	133
82	Potential Use of DNA Barcodes in Regulatory Science: Applications of the Regulatory Fish Encyclopedia. Journal of Food Protection, 2008, 71, 210-217.	0.8	130
83	DNA barcoding a regional bee (Hymenoptera: Apoidea) fauna and its potential for ecological studies. Molecular Ecology Resources, 2009, 9, 196-207.	2.2	130
84	Testing DNA Barcode Performance in 1000 Species of European Lepidoptera: Large Geographic Distances Have Small Genetic Impacts. PLoS ONE, 2014, 9, e115774.	1.1	130
85	<i>Chaoborus</i> -induced shifts in the morphology of <i>Daphnia ambigua</i> 1. Limnology and Oceanography, 1985, 30, 1291-1297.	1.6	129
86	Patterns of DNA Barcode Variation in Canadian Marine Molluscs. PLoS ONE, 2014, 9, e95003.	1.1	127
87	Genetic Patterns in European Geometrid Moths Revealed by the Barcode Index Number (BIN) System. PLoS ONE, 2013, 8, e84518.	1.1	125
88	Clonal diversity in populations of <i>Daphnia pulex</i> reproducing by obligate parthenogenesis. Heredity, 1983, 51, 353-369.	1.2	121
89	Evolutionary implications of the relationship between genome size and body size in flatworms and copepods. Heredity, 2000, 84, 201-208.	1.2	121
90	Methods for the activation of the resting eggs of <i>Daphnia</i> . Freshwater Biology, 1987, 17, 373-379.	1.2	120

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91	Colonization, extinction, and phylogeographic patterning in a freshwater crustacean. <i>Molecular Ecology</i> , 2001, 10, 371-386.	2.0	119
92	<scp>DNA</scp> barcodes from century-old type specimens using next-generation sequencing. <i>Molecular Ecology Resources</i> , 2016, 16, 487-497.	2.2	118
93	Geographical Parthenogenesis and Polyploidy in <i>Daphnia pulex</i> . <i>American Naturalist</i> , 1988, 132, 837-845.	1.0	116
94	Filling the gap - COI barcode resolution in eastern Palearctic birds. <i>Frontiers in Zoology</i> , 2009, 6, 29.	0.9	116
95	An invasion history for <i>Cercopagis pengoi</i> based on mitochondrial gene sequences. <i>Limnology and Oceanography</i> , 2001, 46, 224-229.	1.6	115
96	CLONAL-DIVERSITY PATTERNS AND BREEDING-SYSTEM VARIATION IN <i>DAPHNIA PULEX</i> , AN ASEXUAL-SEXUAL COMPLEX. <i>Evolution; International Journal of Organic Evolution</i> , 1988, 42, 147-159.	1.1	114
97	A taxonomic reevaluation of North American Bosminidae. <i>Canadian Journal of Zoology</i> , 1994, 72, 1808-1825.	0.4	113
98	Molecular systematics of European <i>Hyalodaphnia</i> : the role of contemporary hybridization in ancient species. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2000, 267, 1833-1842.	1.2	113
99	Towards a comprehensive barcode library for arctic life - Ephemeroptera, Plecoptera, and Trichoptera of Churchill, Manitoba, Canada. <i>Frontiers in Zoology</i> , 2009, 6, 30.	0.9	112
100	Phylogenetics and evolution of a circumarctic species complex (Cladocera: <i>Daphnia pulex</i> ). <i>Biological Journal of the Linnean Society</i> , 1998, 65, 347-365.	0.7	111
101	Analyzing Mosquito (Diptera: Culicidae) Diversity in Pakistan by DNA Barcoding. <i>PLoS ONE</i> , 2014, 9, e97268.	1.1	110
102	DNA barcode reference library for Iberian butterflies enables a continental-scale preview of potential cryptic diversity. <i>Scientific Reports</i> , 2015, 5, 12395.	1.6	110
103	<i>Daphnia lumholtzi</i> in North America: Another exotic zooplankter. <i>Limnology and Oceanography</i> , 1993, 38, 1823-1827.	1.6	108
104	THE ORIGIN AND GENETIC BASIS OF OBLIGATE PARTHENOGENESIS IN <i>DAPHNIA PULEX</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1988, 42, 1024-1035.	1.1	107
105	Metabarcoding a diverse arthropod mock community. <i>Molecular Ecology Resources</i> , 2019, 19, 711-727.	2.2	107
106	Semi-automated, Membrane-Based Protocol for DNA Isolation from Plants. <i>Plant Molecular Biology Reporter</i> , 2008, 26, 186-198.	1.0	106
107	Rapid identification of the botanical and entomological sources of honey using DNA metabarcoding. <i>Food Chemistry</i> , 2017, 214, 183-191.	4.2	106
108	Macrogeographic patterns of breeding system diversity in the <i>Daphnia pulex</i> group. I. Breeding systems of Canadian populations. <i>Heredity</i> , 1993, 70, 148-161.	1.2	104

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109	DNA barcoding and the taxonomy of Microgastrinae wasps (Hymenoptera, Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 3 Resources, 2013, 13, 168-176.	2.2	104
110	Phylogeography and postglacial dispersal of lake trout ( <i>Salvelinus namaycush</i> ) in North America. Canadian Journal of Fisheries and Aquatic Sciences, 1998, 55, 1010-1024.	0.7	103
111	Advancing nematode barcoding: A primer cocktail for the cytochrome oxidase subunit I gene from vertebrate parasitic nematodes. Molecular Ecology Resources, 2013, 13, 1108-1115.	2.2	103
112	Probing diversity in freshwater fishes from Mexico and Guatemala with DNA barcodes. Journal of Fish Biology, 2009, 74, 377-402.	0.7	102
113	Review of <i>Apanteles</i> sensu stricto (Hymenoptera, Braconidae, Microgastrinae) from Area de Conservaci3n Guanacaste, northwestern Costa Rica, with keys to all described species from Mesoamerica. ZooKeys, 2014, 383, 1-565.	0.5	102
114	ACCELERATED MOLECULAR EVOLUTION IN HALOPHILIC CRUSTACEANS. Evolution; International Journal of Organic Evolution, 2002, 56, 909-926.	1.1	101
115	Testing the utility of partial COI sequences for phylogenetic estimates of gastropod relationships. Molecular Phylogenetics and Evolution, 2003, 29, 641-647.	1.2	101
116	Population genetics of ecological communities with DNA barcodes: An example from New Guinea Lepidoptera. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 5041-5046.	3.3	100
117	Using DNA barcodes to connect adults and early life stages of marine fishes from the Yucatan Peninsula, Mexico: potential in fisheries management. Marine and Freshwater Research, 2010, 61, 655.	0.7	100
118	Delineating Species with DNA Barcodes: A Case of Taxon Dependent Method Performance in Moths. PLoS ONE, 2015, 10, e0122481.	1.1	99
119	ENZYME VARIABILITY IN NATURAL POPULATIONS OF <i>DAPHNIA MAGNA</i> II. GENOTYPIC FREQUENCIES IN PERMANENT POPULATIONS. Genetics, 1974, 77, 323-334.	1.2	99
120	Recovery of DNA barcodes from blackfly museum specimens (Diptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 Resources, 2014, 14, 508-518.	2.2	98
121	Patterns in the Composition of Arctic Tundra Pond Microcrustacean Communities. Canadian Journal of Fisheries and Aquatic Sciences, 1986, 43, 1416-1425.	0.7	97
122	POLYPHYLETIC ORIGINS OF ASEXUALITY IN <i>DAPHNIA PULEX</i> . I. BREEDING-SYSTEM VARIATION AND LEVELS OF CLONAL DIVERSITY. Evolution; International Journal of Organic Evolution, 1989, 43, 1004-1015.	1.1	97
123	Allopatry as a Gordian Knot for Taxonomists: Patterns of DNA Barcode Divergence in Arctic-Alpine Lepidoptera. PLoS ONE, 2012, 7, e47214.	1.1	97
124	Ecological differences among clones of <i>Daphnia pulex</i> Leydig. Oecologia, 1981, 51, 162-168.	0.9	96
125	Ephemeroptera, Plecoptera, and Trichoptera fauna of Churchill (Manitoba, Canada): insights into biodiversity patterns from DNA barcoding. Journal of the North American Benthological Society, 2010, 29, 814-837.	3.0	95
126	BIOGEOGRAPHY OF A WIDESPREAD FRESHWATER CRUSTACEAN: PSEUDOCONGRUENCE AND CRYPTIC ENDEMISM IN THE NORTH AMERICAN <i>DAPHNIA LAEVIS</i> COMPLEX. Evolution; International Journal of Organic Evolution, 1998, 52, 1648-1670.	1.1	94



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127	DNA barcode accumulation curves for understudied taxa and areas. <i>Molecular Ecology Resources</i> , 2009, 9, 208-216.	2.2	94
128	DNA barcodes for Cladocera and Copepoda from Mexico and Guatemala, highlights and new discoveries. <i>Zootaxa</i> , 2008, 1839, 1.	0.2	93
129	Females do count: Documenting Chironomidae (Diptera) species diversity using DNA barcoding. <i>Organisms Diversity and Evolution</i> , 2010, 10, 397-408.	0.7	93
130	Untangling taxonomy: a DNA barcode reference library for Canadian spiders. <i>Molecular Ecology Resources</i> , 2016, 16, 325-341.	2.2	93
131	Phylogenetic Relationships Among Members of <i>Salvelinus</i> Inferred from Mitochondrial DNA Divergence. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1990, 47, 984-991.	0.7	92
132	Species diversity and endemism in the Daphnia of Argentina: a genetic investigation. <i>Zoological Journal of the Linnean Society</i> , 2004, 140, 171-205.	1.0	92
133	The noncosmopolitanism paradigm of freshwater zooplankton: insights from the global phylogeography of the predatory cladoceran <i>Polyphemus pediculus</i> (Linnaeus, 1761) (Crustacea). <i>Trends in Ecology and Evolution</i> , 2014, 29, 784-791.	10.7843	141
134	DNA Barcoding of Commercially Important Salmon and Trout Species ( <i>Oncorhynchus</i> and <i>Salmo</i> ) from North America. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 8379-8385.	2.4	90
135	Sex and ostracods. <i>Trends in Ecology and Evolution</i> , 1994, 9, 435-439.	4.2	89
136	Biological invasions in soil: DNA barcoding as a monitoring tool in a multiple taxa survey targeting European earthworms and springtails in North America. <i>Biological Invasions</i> , 2013, 15, 899-910.	1.2	89
137	Nuclear genomes distinguish cryptic species suggested by their DNA barcodes and ecology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 8313-8318.	3.3	89
138	Coupling non-destructive DNA extraction and voucher retrieval for small soft-bodied Arthropods in a high-throughput context: the example of Collembola. <i>Molecular Ecology Resources</i> , 2010, 10, 942-945.	2.2	88
139	Prospects for using DNA barcoding to identify spiders in species-rich genera. <i>ZooKeys</i> , 0, 16, 27-46.	0.5	87
140	A DNA Barcode Library for North American Ephemeroptera: Progress and Prospects. <i>PLoS ONE</i> , 2012, 7, e38063.	1.1	86
141	A Transcontinental Challenge – A Test of DNA Barcode Performance for 1,541 Species of Canadian Noctuoidea (Lepidoptera). <i>PLoS ONE</i> , 2014, 9, e92797.	1.1	84
142	A revision of the taxonomy of the genus <i>Daphnia</i> (Crustacea : Daphnidae) in south-eastern Australia. <i>Australian Journal of Zoology</i> , 1977, 25, 371.	0.6	83
143	Recovery of the mitochondrial COI barcode region in diverse Hexapoda through tRNA-based primers. <i>BMC Genomics</i> , 2010, 11, 423.	1.2	83
144	BOLD and GenBank revisited – Do identification errors arise in the lab or in the sequence libraries?. <i>PLoS ONE</i> , 2020, 15, e0231814.	1.1	83

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145	The Origin and Genetic Basis of Obligate Parthenogenesis in <i>Daphnia pulex</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1988, 42, 1024.	1.1	82
146	<i>Daphnia galeata mendotae</i> as a cryptic species complex with interspecific hybrids. <i>Limnology and Oceanography</i> , 1992, 37, 658-665.	1.6	82
147	Testing the Global Malaise Trap Program “How well does the current barcode reference library identify flying insects in Germany?”. <i>Biodiversity Data Journal</i> , 2016, 4, e10671.	0.4	82
148	Obligate Asexuality in <i>Daphnia</i> . <i>American Naturalist</i> , 1981, 117, 784-789.	1.0	81
149	Genotypic characteristics of cyclic parthenogens and their obligately asexual derivatives. <i>Exs</i> , 1987, 55, 175-195.	1.4	81
150	Genotypic characteristics of the Cladocera. <i>Hydrobiologia</i> , 1987, 145, 183-193.	1.0	81
151	GENETIC DIFFERENTIATION AT NUCLEAR AND MITOCHONDRIAL LOCI AMONG LARGE WHITE-HEADED GULLS: SEX-BIASED INTERSPECIFIC GENE FLOW?. <i>Evolution; International Journal of Organic Evolution</i> , 2003, 57, 2865-2878.	1.1	81
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