

Paul D N Hebert

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

545
papers

53,426
citations

92
h-index

219
g-index

562
ext. papers

60,340
ext. citations

4.2
avg, IF

7.9
L-index

#	Paper	IF	Citations
545	Biological identifications through DNA barcodes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003 , 270, 313-21	4.4	7065
544	bold: The Barcode of Life Data System (http://www.barcodinglife.org). <i>Molecular Ecology Notes</i> , 2007 , 7, 355-364		3422
543	Barcoding animal life: cytochrome c oxidase subunit 1 divergences among closely related species. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003 , 270 Suppl 1, S96-9	4.4	2471
542	Ten species in one: DNA barcoding reveals cryptic species in the neotropical skipper butterfly <i>Astraptes fulgerator</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 14812-7	11.5	2322
541	DNA barcoding Australia's fish species. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2005 , 360, 1847-57	5.8	2179
540	Identification of Birds through DNA Barcodes. <i>PLoS Biology</i> , 2004 , 2, e312	9.7	1539
539	A DNA-based registry for all animal species: the barcode index number (BIN) system. <i>PLoS ONE</i> , 2013 , 8, e66213	3.7	1045
538	An inexpensive, automation-friendly protocol for recovering high-quality DNA. <i>Molecular Ecology Notes</i> , 2006 , 6, 998-1002		992
537	DNA barcodes distinguish species of tropical Lepidoptera. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 968-71	11.5	977
536	Universal primer cocktails for fish DNA barcoding. <i>Molecular Ecology Notes</i> , 2007 , 7, 544-548		799
535	The promise of DNA barcoding for taxonomy. <i>Systematic Biology</i> , 2005 , 54, 852-9	8.4	786
534	DNA barcoding: how it complements taxonomy, molecular phylogenetics and population genetics. <i>Trends in Genetics</i> , 2007 , 23, 167-72	8.5	765
533	Biological identifications through DNA barcodes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003 , 270, 313-321	4.4	638
532	The campaign to DNA barcode all fishes, FISH-BOL. <i>Journal of Fish Biology</i> , 2009 , 74, 329-56	1.9	608
531	DNA barcodes reveal cryptic host-specificity within the presumed polyphagous members of a genus of parasitoid flies (Diptera: Tachinidae). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 3657-62	11.5	449
530	Ecological and Genetic Studies on <i>Dreissena polymorpha</i> (Pallas): a New Mollusc in the Great Lakes. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1989 , 46, 1587-1591	2.4	442
529	Extreme diversity of tropical parasitoid wasps exposed by iterative integration of natural history, DNA barcoding, morphology, and collections. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 12359-64	11.5	429

528	A universal DNA mini-barcode for biodiversity analysis. <i>BMC Genomics</i> , 2008 , 9, 214	4.5	418
527	A minimalist barcode can identify a specimen whose DNA is degraded. <i>Molecular Ecology Notes</i> , 2006 , 6, 959-964		377
526	Biological identifications through DNA barcodes: the case of the Crustacea. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2007 , 64, 272-295	2.4	366
525	Identifying spiders through DNA barcodes. <i>Canadian Journal of Zoology</i> , 2005 , 83, 481-491	1.5	359
524	Critical factors for assembling a high volume of DNA barcodes. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2005 , 360, 1959-67	5.8	356
523	Comprehensive DNA barcode coverage of North American birds. <i>Molecular Ecology Notes</i> , 2007 , 7, 535-543		338
522	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, 1825-34	5.8	316
521	DNA barcodes affirm that 16 species of apparently generalist tropical parasitoid flies (Diptera, Tachinidae) are not all generalists. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 4967-72	11.5	305
520	DNA barcoding reveals extraordinary cryptic diversity in an amphipod genus: implications for desert spring conservation. <i>Molecular Ecology</i> , 2006 , 15, 3073-82	5.7	305
519	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, 3901-6	11.5	294
518	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	7	274
517	Integration of DNA barcoding into an ongoing inventory of complex tropical biodiversity. <i>Molecular Ecology Resources</i> , 2009 , 9 Suppl s1, 1-26	8.4	268
516	Non-equilibrium gene frequency divergence: persistent founder effects in natural populations. <i>Journal of Evolutionary Biology</i> , 1992 , 5, 25-39	2.3	246
515	THE POPULATION BIOLOGY OF DAPHNIA (CRUSTACEA, DAPHNIDAE). <i>Biological Reviews</i> , 1978 , 53, 387-426	5.5	246
514	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, 1835-45	5.8	243
513	Identifying Canadian mosquito species through DNA barcodes. <i>Medical and Veterinary Entomology</i> , 2006 , 20, 413-24	2.4	219
512	Clonal Coexistence in <i>Daphnia pulex</i> (Leydig): Another Planktonic Paradox. <i>Science</i> , 1980 , 207, 1363-1365	3.3	218
511	DNA barcoding of Neotropical bats: species identification and discovery within Guyana. <i>Molecular Ecology Notes</i> , 2007 , 7, 184-190		207

510	Biological identification of springtails (Hexapoda: Collembola) from the Canadian Arctic, using mitochondrial DNA barcodes. <i>Canadian Journal of Zoology</i> , 2004 , 82, 749-754	1.5	201
509	From pixels to picograms: a beginners' guide to genome quantification by Feulgen image analysis densitometry. <i>Journal of Histochemistry and Cytochemistry</i> , 2002 , 50, 735-49	3.4	199
508	DNA barcode-based delineation of putative species: efficient start for taxonomic workflows. <i>Molecular Ecology Resources</i> , 2014 , 14, 706-15	8.4	198
507	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, 2532-42	5.7	198
506	DNA barcodes for 1/1000 of the animal kingdom. <i>Biology Letters</i> , 2010 , 6, 359-62	3.6	197
505	Biological identifications of mayflies (Ephemeroptera) using DNA barcodes. <i>Journal of the North American Benthological Society</i> , 2005 , 24, 508-524		197
504	Species identification of aphids (Insecta: Hemiptera: Aphididae) through DNA barcodes. <i>Molecular Ecology Resources</i> , 2008 , 8, 1189-201	8.4	191
503	Mitochondrial DNA Diversity in Fishes and its Implications for Introductions. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1991 , 48, 80-94	2.4	184
502	DNA barcodes and cryptic species of skipper butterflies in the genus <i>Perichares</i> in Area de Conservacion Guanacaste, Costa Rica. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 6350-5	11.5	179
501	Counting animal species with DNA barcodes: Canadian insects. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016 , 371,	5.8	163
500	A tri-oceanic perspective: DNA barcoding reveals geographic structure and cryptic diversity in Canadian polychaetes. <i>PLoS ONE</i> , 2011 , 6, e22232	3.7	163
499	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, 531-45	5.7	163
498	DNA barcoding reveals overlooked marine fishes. <i>Molecular Ecology Resources</i> , 2009 , 9 Suppl s1, 237-42	8.4	159
497	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	1.7	158
496	Assembling DNA barcodes. Analytical protocols. <i>Methods in Molecular Biology</i> , 2008 , 410, 275-93	1.4	150
495	A comprehensive DNA 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	8.4	148
494	DNA barcoding of Pacific Canada's fishes. <i>Marine Biology</i> , 2009 , 156, 2641-2647	2.5	143
493	The role of DNA barcodes in understanding and conservation of mammal diversity in southeast Asia. <i>PLoS ONE</i> , 2010 , 5, e12575	3.7	142

492	DNA barcoding in surveys of small mammal communities: a field study in Suriname. <i>Molecular Ecology Resources</i> , 2008 , 8, 471-9	8.4	139
491	Barcoding nemo: DNA-based identifications for the ornamental fish trade. <i>PLoS ONE</i> , 2009 , 4, e6300	3.7	138
490	The systematics of North American Daphnia (Crustacea: Anomopoda): a molecular phylogenetic approach. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1996 , 351, 349-60	5.8	137
489	Eating local: influences of habitat on the diet of little brown bats (<i>Myotis lucifugus</i>). <i>Molecular Ecology</i> , 2011 , 20, 1772-80	5.7	134
488	DNA barcoding largely supports 250 years of classical taxonomy: identifications for Central European bees (Hymenoptera, Apoidea partim). <i>Molecular Ecology Resources</i> , 2015 , 15, 985-1000	8.4	130
487	DNA BARCODING: CO1 DNA barcoding amphibians: take the chance, meet the challenge. <i>Molecular Ecology Resources</i> , 2008 , 8, 235-46	8.4	130
486	Phylogenetics and evolution of the Daphnia longispina group (Crustacea) based on 12S rDNA sequence and allozyme variation. <i>Molecular Phylogenetics and Evolution</i> , 1996 , 5, 495-510	4.1	128
485	Demography and ecological impacts of the invading mollusc <i>Dreissena polymorpha</i> . <i>Canadian Journal of Zoology</i> , 1991 , 69, 405-409	1.5	128
484	A DNA 'barcode blitz': rapid digitization and sequencing of a natural history collection. <i>PLoS ONE</i> , 2013 , 8, e68535	3.7	127
483	Probing evolutionary patterns in neotropical birds through DNA barcodes. <i>PLoS ONE</i> , 2009 , 4, e4379	3.7	126
482	DNA barcoding the geometrid fauna of Bavaria (Lepidoptera): successes, surprises, and questions. <i>PLoS ONE</i> , 2011 , 6, e17134	3.7	125
481	DNA barcoding Central Asian butterflies: increasing geographical dimension does not significantly reduce the success of species identification. <i>Molecular Ecology Resources</i> , 2009 , 9, 1302-10	8.4	124
480	Design and applicability of DNA arrays and DNA barcodes in biodiversity monitoring. <i>BMC Biology</i> , 2007 , 5, 24	7.3	124
479	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	4.1	123
478	Cryptic species diversity and evolution in the amphipod genus <i>Hyaella</i> within central glaciated North America: a molecular phylogenetic approach. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2000 , 57, 687-698	2.4	123
477	A Sequel to Sanger: amplicon sequencing that scales. <i>BMC Genomics</i> , 2018 , 19, 219	4.5	115
476	Potential use of DNA barcodes in regulatory science: applications of the Regulatory Fish Encyclopedia. <i>Journal of Food Protection</i> , 2008 , 71, 210-7	2.5	115
475	Uses and Misuses of Environmental DNA in Biodiversity Science and Conservation. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2018 , 49, 209-230	13.5	113

474	Complete DNA barcode reference library for a country's butterfly fauna reveals high performance for temperate Europe. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011 , 278, 347-55	4.4	113
473	Species-Level Para- and Polyphyly in DNA Barcode Gene Trees: Strong Operational Bias in European Lepidoptera. <i>Systematic Biology</i> , 2016 , 65, 1024-1040	8.4	112
472	Ecological and Physiological Differentiation Among Low-Artic Clones of <i>Daphnia Pulex</i> . <i>Ecology</i> , 1987 , 68, 188-198	4.6	109
471	Clonal diversity in populations of <i>Daphnia pulex</i> reproducing by obligate parthenogenesis. <i>Heredity</i> , 1983 , 51, 353-369	3.6	109
470	Genome-size evolution in fishes. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2004 , 61, 1636-1646	2.4	108
469	Evolutionary implications of the relationship between genome size and body size in flatworms and copepods. <i>Heredity</i> , 2000 , 84 (Pt 2), 201-8	3.6	107
468	DNA barcoding a regional bee (Hymenoptera: Apoidea) fauna and its potential for ecological studies. <i>Molecular Ecology Resources</i> , 2009 , 9 Suppl s1, 196-207	8.4	106
467	Geographical Parthenogenesis and Polyploidy in <i>Daphnia pulex</i> . <i>American Naturalist</i> , 1988 , 132, 837-845	3.7	106
466	Complementary molecular information changes our perception of food web structure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 1885-90	11.5	105
465	Neotropical bats: estimating species diversity with DNA barcodes. <i>PLoS ONE</i> , 2011 , 6, e22648	3.7	104
464	The nucleotypic effects of cellular DNA content in cartilaginous and ray-finned fishes. <i>Genome</i> , 2003 , 46, 683-706	2.4	104
463	Testing DNA barcode performance in 1000 species of European lepidoptera: large geographic distances have small genetic impacts. <i>PLoS ONE</i> , 2014 , 9, e115774	3.7	102
462	Methods for the activation of the resting eggs of <i>Daphnia</i> . <i>Freshwater Biology</i> , 1987 , 17, 373-379	3.1	100
461	Barcoding bugs: DNA-based identification of the true bugs (Insecta: Hemiptera: Heteroptera). <i>PLoS ONE</i> , 2011 , 6, e18749	3.7	100
460	Colonization, extinction, and phylogeographic patterning in a freshwater crustacean. <i>Molecular Ecology</i> , 2001 , 10, 371-86	5.7	99
459	Towards a comprehensive barcode library for arctic life - Ephemeroptera, Plecoptera, and Trichoptera of Churchill, Manitoba, Canada. <i>Frontiers in Zoology</i> , 2009 , 6, 30	2.8	98
458	Barcoding beetles: a regional survey of 1872 species reveals high identification success and unusually deep interspecific divergences. <i>PLoS ONE</i> , 2014 , 9, e108651	3.7	96
457	Chaoborus-induced shifts in the morphology of <i>Daphnia ambigua</i> 1. <i>Limnology and Oceanography</i> , 1985 , 30, 1291-1297	4.8	95

456	Phylogeography and postglacial dispersal of lake trout (<i>Salvelinus namaycush</i>) in North America. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1998 , 55, 1010-1024	2.4	94
455	Filling the gap - COI barcode resolution in eastern Palearctic birds. <i>Frontiers in Zoology</i> , 2009 , 6, 29	2.8	93
454	Genetic patterns in European geometrid moths revealed by the Barcode Index Number (BIN) system. <i>PLoS ONE</i> , 2013 , 8, e84518	3.7	93
453	Accelerated molecular evolution in halophilic crustaceans. <i>Evolution; International Journal of Organic Evolution</i> , 2002 , 56, 909-26	3.8	92
452	A taxonomic reevaluation of North American Bosminidae. <i>Canadian Journal of Zoology</i> , 1994 , 72, 1808-1825	3.5	92
451	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	3.6	92
450	Patterns of DNA barcode variation in Canadian marine molluscs. <i>PLoS ONE</i> , 2014 , 9, e95003	3.7	91
449	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, 1833-42	4.4	91
448	Testing the utility of partial COI sequences for phylogenetic estimates of gastropod relationships. <i>Molecular Phylogenetics and Evolution</i> , 2003 , 29, 641-7	4.1	90
447	Probing diversity in freshwater fishes from Mexico and Guatemala with DNA barcodes. <i>Journal of Fish Biology</i> , 2009 , 74, 377-402	1.9	89
446	Ecological differences among clones of <i>Daphnia pulex</i> Leydig. <i>Oecologia</i> , 1981 , 51, 162-168	2.9	89
445	Enzyme variability in natural populations of <i>Daphnia magna</i> . II. Genotypic frequencies in permanent populations. <i>Genetics</i> , 1974 , 77, 323-34	4	89
444	The Modulation of DNA Content: Proximate Causes and Ultimate Consequences. <i>Genome Research</i> , 1999 , 9, 317-324	9.7	89
443	DNA barcoding and the taxonomy of Microgastrinae wasps (Hymenoptera, Braconidae): impacts after 8 years and nearly 20'000 sequences. <i>Molecular Ecology Resources</i> , 2013 , 13, 168-76	8.4	88
442	Population genetics of ecological communities with DNA barcodes: an example from New Guinea Lepidoptera. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 5041-6	11.5	88
441	THE ORIGIN AND GENETIC BASIS OF OBLIGATE PARTHENOGENESIS IN DAPHNIA PULEX. <i>Evolution; International Journal of Organic Evolution</i> , 1988 , 42, 1024-1035	3.8	88
440	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	2.4	87
439	An invasion history for <i>Cercopagis pengoi</i> based on mitochondrial gene sequences. <i>Limnology and Oceanography</i> , 2001 , 46, 224-229	4.8	85

438	Patterns in the Composition of Arctic Tundra Pond Microcrustacean Communities. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1986 , 43, 1416-1425	2.4	85
437	DNA barcode reference library for Iberian butterflies enables a continental-scale preview of potential cryptic diversity. <i>Scientific Reports</i> , 2015 , 5, 12395	4.9	84
436	Rapid identification of the botanical and entomological sources of honey using DNA metabarcoding. <i>Food Chemistry</i> , 2017 , 214, 183-191	8.5	83
435	Review of <i>Apanteles sensu stricto</i> (Hymenoptera, Braconidae, Microgastrinae) from Area de Conservaci3n Guanacaste, northwestern Costa Rica, with keys to all described species from Mesoamerica. <i>ZooKeys</i> , 2014 , 1-565	1.2	82
434	Semi-automated, Membrane-Based Protocol for DNA Isolation from Plants. <i>Plant Molecular Biology Reporter</i> , 2008 , 26, 186-198	1.7	80
433	CLONAL-DIVERSITY PATTERNS AND BREEDING-SYSTEM VARIATION IN DAPHNIA PULEX, AN ASEXUAL-SEXUAL COMPLEX. <i>Evolution; International Journal of Organic Evolution</i> , 1988 , 42, 147-159	3.8	80
432	DNA barcodes for Cladocera and Copepoda from Mexico and Guatemala, highlights and new discoveries. <i>Zootaxa</i> , 2008 , 1839, 1	0.5	79
431	Sex and ostracods. <i>Trends in Ecology and Evolution</i> , 1994 , 9, 435-9	10.9	79
430	The noncosmopolitanism paradigm of freshwater zooplankton: insights from the global phylogeography of the predatory cladoceran <i>Polyphemus pediculus</i> (Linnaeus, 1761) (Crustacea, Onychopoda). <i>Molecular Ecology</i> , 2009 , 18, 5161-79	5.7	78
429	Delineating species with DNA barcodes: a case of taxon dependent method performance in moths. <i>PLoS ONE</i> , 2015 , 10, e0122481	3.7	77
428	Females do count: Documenting Chironomidae (Diptera) species diversity using DNA barcoding. <i>Organisms Diversity and Evolution</i> , 2010 , 10, 397-408	1.7	77
427	<i>Daphnia lumholtzi</i> in North America: Another exotic zooplankter. <i>Limnology and Oceanography</i> , 1993 , 38, 1823-1827	4.8	77
426	Genotypic characteristics of the Cladocera. <i>Hydrobiologia</i> , 1987 , 145, 183-193	2.4	77
425	DNA barcode accumulation curves for understudied taxa and areas. <i>Molecular Ecology Resources</i> , 2009 , 9 Suppl s1, 208-16	8.4	76
424	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, 942-5	8.4	75
423	Ephemeroptera, Plecoptera, and Trichoptera fauna of Churchill (Manitoba, Canada): insights into biodiversity patterns from DNA barcoding. <i>Journal of the North American Benthological Society</i> , 2010 , 29, 814-837		75
422	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, 8379-85	5.7	75
421	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	0.5	75

420	Allopatry as a gordian knot for taxonomists: patterns of DNA barcode divergence in arctic-alpine lepidoptera. <i>PLoS ONE</i> , 2012 , 7, e47214	3.7	75
419	DNA barcodes from century-old type specimens using next-generation sequencing. <i>Molecular Ecology Resources</i> , 2016 , 16, 487-97	8.4	75
418	Analyzing mosquito (Diptera: culicidae) diversity in Pakistan by DNA barcoding. <i>PLoS ONE</i> , 2014 , 9, e97268	3.8	74
417	Obligate Asexuality in Daphnia. <i>American Naturalist</i> , 1981 , 117, 784-789	3.7	74
416	Using DNA barcodes to connect adults and early life stages of marine fishes from the Yucatan Peninsula, Mexico: potential in fisheries management. <i>Marine and Freshwater Research</i> , 2010 , 61, 655	2.2	73
415	Species diversity and endemism in the Daphnia of Argentina: a genetic investigation. <i>Zoological Journal of the Linnean Society</i> , 2004 , 140, 171-205	2.4	73
414	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, 2865-78	3.8	73
413	Untangling taxonomy: a DNA barcode reference library for Canadian spiders. <i>Molecular Ecology Resources</i> , 2016 , 16, 325-41	8.4	72
412	Evolution of rotifers in saline and subsaline lakes: A molecular phylogenetic approach. <i>Limnology and Oceanography</i> , 2003 , 48, 675-685	4.8	72
411	Mitochondrial DNA Variation in Great Lakes Walleye (<i>Stizostedion vitreum</i>) Populations. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1988 , 45, 643-654	2.4	72
410	Molecular analysis of parasitoid linkages (MAPL): gut contents of adult parasitoid wasps reveal larval host. <i>Molecular Ecology</i> , 2011 , 20, 179-86	5.7	71
409	POLYPHYLETIC ORIGINS OF ASEXUALITY IN DAPHNIA PULEX. I. BREEDING-SYSTEM VARIATION AND LEVELS OF CLONAL DIVERSITY. <i>Evolution; International Journal of Organic Evolution</i> , 1989 , 43, 1004-1015	3.8	71
408	Genotypic diversity and variation in mode of reproduction among populations in the Daphnia pulex group. <i>Heredity</i> , 1986 , 57, 345-355	3.6	71
407	Ecological differences between genotypes in a natural population of Daphnia magna. <i>Heredity</i> , 1974 , 33, 327-37	3.6	71
406	A DNA barcode library for North American Ephemeroptera: progress and prospects. <i>PLoS ONE</i> , 2012 , 7, e38063	3.7	69
405	Phylogenetics and evolution of a circumarctic species complex (Cladocera: Daphnia pulex). <i>Biological Journal of the Linnean Society</i> , 1998 , 65, 347-365	1.9	69
404	Holarctic phylogeography of an asexual species complex III. Allozymic variation and clonal structure in Arctic Daphnia. <i>Molecular Ecology</i> , 1999 , 8, 1-13	5.7	69
403	Genotypic characteristics of cyclic parthenogens and their obligately asexual derivatives. <i>Exs</i> , 1987 , 55, 175-95		69

402	Habitat-dependent hybrid parentage and differential introgression between neighboringly sympatric <i>Daphnia</i> species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993 , 90, 7079-83	11.5	68
401	Validation of COI metabarcoding primers for terrestrial arthropods. <i>PeerJ</i> , 2019 , 7, e7745	3.1	68
400	A transcontinental challenge--a test of DNA barcode performance for 1,541 species of Canadian Noctuoidea (Lepidoptera). <i>PLoS ONE</i> , 2014 , 9, e92797	3.7	67
399	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	2.7	66
398	Mitochondrial DNA variation in North American populations of <i>Daphnia obtusa</i> : continentalism or cryptic endemism?. <i>Molecular Ecology</i> , 2004 , 13, 97-107	5.7	66
397	Is a large-scale DNA-based inventory of ancient life possible?. <i>Journal of Heredity</i> , 2005 , 96, 279-84	2.4	66
396	BIOGEOGRAPHY OF A WIDESPREAD FRESHWATER CRUSTACEAN: PSEUDOCONGRUENCE AND CRYPTIC ENDEMISM IN THE NORTH AMERICAN DAPHNIA LAEVIS COMPLEX. <i>Evolution; International Journal of Organic Evolution</i> , 1998 , 52, 1648-1670	3.8	66
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