

David H Lunt

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

4,233
citations

159585

30
h-index

206112

48
g-index

56
all docs

56
docs citations

56
times ranked

5272
citing authors

#	ARTICLE	IF	CITATIONS
1	The insect cytochrome oxidase I gene: evolutionary patterns and conserved primers for phylogenetic studies. <i>Insect Molecular Biology</i> , 1996, 5, 153-165.	2.0	511
2	Refugia within Refugia: Patterns of Phylogeographic Concordance in the Iberian Peninsula. , 2007, , 155-188.		425
3	SPECIATION IN ANCIENT CRYPTIC SPECIES COMPLEXES: EVIDENCE FROM THE MOLECULAR PHYLOGENY OF BRACHIONUS PLICATILIS (ROTIFERA). <i>Evolution; International Journal of Organic Evolution</i> , 2002, 56, 1431-1444.	2.3	331
4	Age of Cichlids: New Dates for Ancient Lake Fish Radiations. <i>Molecular Biology and Evolution</i> , 2007, 24, 1269-1282.	8.9	268
5	Animal mitochondrial DNA recombination. <i>Nature</i> , 1997, 387, 247-247.	27.8	239
6	Mitochondrial DNA variable number tandem repeats (VNTRs): utility and problems in molecular ecology. <i>Molecular Ecology</i> , 1998, 7, 1441-1455.	3.9	206
7	An extant cichlid fish radiation emerged in an extinct Pleistocene lake. <i>Nature</i> , 2005, 435, 90-95.	27.8	160
8	Repeated colonization and hybridization in Lake Malawi cichlids. <i>Current Biology</i> , 2011, 21, R108-R109.	3.9	145
9	Phylogeography and regional endemism of a passively dispersing zooplankter: mitochondrial DNA variation in rotifer resting egg banks. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2000, 267, 2189-2197.	2.6	134
10	Merging <scp>DNA</scp> metabarcoding and ecological network analysis to understand and build resilient terrestrial ecosystems. <i>Functional Ecology</i> , 2016, 30, 1904-1916.	3.6	134
11	Probing marine <i>Gammarus</i> (Amphipoda) taxonomy with DNA barcodes. <i>Systematics and Biodiversity</i> , 2009, 7, 365-379.	1.2	104
12	The complex hybrid origins of the root knot nematodes revealed through comparative genomics. <i>PeerJ</i> , 2014, 2, e356.	2.0	99
13	Comparative Genomics of Apomictic Root-Knot Nematodes: Hybridization, Ploidy, and Dynamic Genome Change. <i>Genome Biology and Evolution</i> , 2017, 9, 2844-2861.	2.5	98
14	Mating trials validate the use of DNA barcoding to reveal cryptic speciation of a marine bryozoan taxon. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 199-207.	2.6	96
15	Genetic tests of ancient asexuality in Root Knot Nematodes reveal recent hybrid origins. <i>BMC Evolutionary Biology</i> , 2008, 8, 194.	3.2	81
16	mtDNA phylogeography and postglacial patterns of subdivision in the meadow grasshopper <i>Chorthippus parallelus</i> . <i>Heredity</i> , 1998, 80, 633-641.	2.6	80
17	The interplay between colonization history and gene flow in passively dispersing zooplankton: microsatellite analysis of rotifer resting egg banks. <i>Journal of Evolutionary Biology</i> , 2002, 15, 158-171.	1.7	80
18	Persistent genetic signatures of colonization in <i>Brachionus manjavacas</i> rotifers in the Iberian Peninsula. <i>Molecular Ecology</i> , 2007, 16, 3228-3240.	3.9	70

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19	Global isolation by distance despite strong regional phylogeography in a small metazoan. BMC Evolutionary Biology, 2007, 7, 225.	3.2	70
20	Moving towards a complete molecular framework of the Nematoda: a focus on the Enoplida and early-branching clades. BMC Evolutionary Biology, 2010, 10, 353.	3.2	62
21	Low endemism, continued deep-shallow interchanges, and evidence for cosmopolitan distributions in free-living marine nematodes (order Enoplida). BMC Evolutionary Biology, 2010, 10, 389.	3.2	62
22	Genetic Drift, Not Life History or RNAi, Determine Long-Term Evolution of Transposable Elements. Genome Biology and Evolution, 2016, 8, 2964-2978.	2.5	58
23	Are generalist Aphidiinae (Hym. Braconidae) mostly cryptic species complexes?. Systematic Entomology, 2016, 41, 379-391.	3.9	58
24	Detecting host-parasitoid interactions in an invasive Lepidopteran using nested tagging DNA metabarcoding. Molecular Ecology, 2019, 28, 471-483.	3.9	57
25	Construction, validation, and application of nocturnal pollen transport networks in an agroecosystem: a comparison using light microscopy and DNA metabarcoding. Ecological Entomology, 2019, 44, 17-29.	2.2	55
26	Mitochondrial DNA phylogeography and mating compatibility reveal marked genetic structuring and speciation in the NE Atlantic bryozoan <i>Celleporella hyalina</i> . Molecular Ecology, 2007, 16, 2173-2188.	3.9	49
27	The contribution of Anatolia to European phylogeography: the centre of origin of the meadow grasshopper, <i>Chorthippus parallelus</i> . Journal of Biogeography, 2014, 41, 1793-1805.	3.0	43
28	Phylogeography and environmental diversification of a highly adaptable marine amphipod, <i>Gammarus duebeni</i> . Heredity, 2007, 99, 102-111.	2.6	42
29	Genome sequence of the root-knot nematode <i>Meloidogyne luci</i> . Journal of Nematology, 2020, 52, 1-5.	0.9	37
30	Mitochondrial DNA phylogeography of the Mesoamerican spiny-tailed lizards (<i>Ctenosaura</i>). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td</i> Ecology, 2005, 14, 3095-3107.	3.9	36
31	Determining Plant Leaf Miner Parasitoid Interactions: A DNA Barcoding Approach. PLoS ONE, 2015, 10, e0117872.	2.5	36
32	The sequence and structure of the meadow grasshopper (<i>Chorthippus parallelus</i>) mitochondrial srRNA, ND2, COI, COII ATPase8 and 9 tRNA genes. Insect Molecular Biology, 1996, 5, 127-139.	2.0	34
33	Microsatellite markers for the hake <i>Macruronus magellanicus</i> amplify other gadoid fish. Molecular Ecology, 1999, 8, 1086-1088.	3.9	29
34	Latitudinal variations in the physiology of marine gammarid amphipods. Journal of Experimental Marine Biology and Ecology, 2011, 400, 70-77.	1.5	28
35	Comparative Analysis of Teleost Genome Sequences Reveals an Ancient Intron Size Expansion in the Zebrafish Lineage. Genome Biology and Evolution, 2011, 3, 1187-1196.	2.5	28
36	Climate warming alters the structure of farmland tritrophic ecological networks and reduces crop yield. Molecular Ecology, 2018, 27, 4931-4946.	3.9	28

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37	Simulated climate-warming increases Coleoptera activity-densities and reduces community diversity in a cereal crop. <i>Agriculture, Ecosystems and Environment</i> , 2015, 210, 11-14.	5.3	24
38	Molecular phylogeny supports division of the "cosmopolitan" taxon <i>Celleporella</i> (Bryozoa; Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 7	2.7	19
39	ReproPhylo: An Environment for Reproducible Phylogenomics. <i>PLoS Computational Biology</i> , 2015, 11, e1004447.	3.2	16
40	Divergence of Scent Pheromones in Allopatric Populations of <i>Acanthodactylus boskianus</i> (Squamata: Lacertidae). <i>Zoological Science</i> , 2013, 30, 380-385.	0.7	14
41	Gene duplication in an African cichlid adaptive radiation. <i>BMC Genomics</i> , 2014, 15, 161.	2.8	13
42	Linking functional molecular variation with environmental gradients: Myosin gene diversity in a crustacean broadly distributed across variable thermal environments. <i>Gene</i> , 2009, 437, 60-70.	2.2	12
43	mtDNA phylogeography and postglacial patterns of subdivision in the meadow grasshopper <i>Chorthippus parallelus</i> . <i>Heredity</i> , 1998, 80, 633-641.	2.6	12
44	Behavioural Reproductive Isolation in a Rotifer Hybrid Zone. <i>Hydrobiologia</i> , 2005, 546, 125-134.	2.0	11
45	SPECIATION IN ANCIENT CRYPTIC SPECIES COMPLEXES: EVIDENCE FROM THE MOLECULAR PHYLOGENY OF <i>BRACHIONUS PLICATILIS</i> (ROTIFERA). <i>Evolution; International Journal of Organic Evolution</i> , 2002, 56, 1431.	2.3	9
46	The Genomic Substrate for Adaptive Radiation: Copy Number Variation across 12 Tribes of African Cichlid Species. <i>Genome Biology and Evolution</i> , 2019, 11, 2856-2874.	2.5	7
47	Using network ecology to understand and mitigate long-term insect declines. <i>Ecological Entomology</i> , 2021, 46, 693-698.	2.2	6
48	The Evolution of Tyrosine-Recombinase Elements in Nematoda. <i>PLoS ONE</i> , 2014, 9, e106630.	2.5	6
49	Identification of individual root-knot nematodes using low coverage long-read sequencing. <i>PLoS ONE</i> , 2021, 16, e0253248.	2.5	2
50	Behavioural reproductive isolation in a rotifer hybrid zone. , 2005, , 125-134.		1
51	Molecular ecology for the masses. <i>Global Ecology and Biogeography</i> , 2005, 14, 503-503.	5.8	0
52	Copious copies keep out the cold. <i>Heredity</i> , 2009, 103, 281-282.	2.6	0