Nathan Lo

List of Publications by Citations

147 papers	6,216 citations	46 h-index	75 g-index
158 ext. papers	7,301 ext. citations	5.2 avg, IF	5.69 L-index

#	Paper	IF	Citations
147	Evidence from multiple gene sequences indicates that termites evolved from wood-feeding cockroaches. *Current Biology*, **2000**, 10, 801-4	6.3	317
146	A cellulase gene of termite origin. *Nature*, **1998**, 394, 330-1	50.4	301
145	Polyphenism in insects. *Current Biology*, **2011**, 21, R738-49	6.3	238
144	How many wolbachia supergroups exist?. *Molecular Biology and Evolution*, **2002**, 19, 341-6	8.3	222
143	Nature versus nurture in social insect caste differentiation. *Trends in Ecology and Evolution*, **2010**, 25, 275-82	10.9	195
142	The evolutionary history of termites as inferred from 66 mitochondrial genomes. *Molecular Biology and Evolution*, **2015**, 32, 406-21	8.3	191
141	Phylogeny of Wolbachia pipientis based on gltA, groEL and ftsZ gene sequences: clustering of arthropod and nematode symbionts in the F supergroup, and evidence for further diversity in the Wolbachia tree. *Microbiology (United Kingdom)*, **2005**, 151, 4015-4022	2.9	184
140	Mosaic nature of the wolbachia surface protein. *Journal of Bacteriology*, **2005**, 187, 5406-18	3.5	161
139	Evidence for cocladogenesis between diverse dictyopteran lineages and their intracellular endosymbionts. *Molecular Biology and Evolution*, **2003**, 20, 907-13	8.3	159
138	Ants and termites increase crop yield in a dry climate. *Nature Communications*, **2011**, 2, 262	17.4	147
137	'Candidatus Midichloria mitochondrii', an endosymbiont of the tick Ixodes ricinus with a unique intramitochondrial lifestyle. *International Journal of Systematic and Evolutionary Microbiology*, **2006**, 56, 2535-2540	2.2	142
136	Taxonomic status of the intracellular bacterium Wolbachia pipientis. *International Journal of Systematic and Evolutionary Microbiology*, **2007**, 57, 654-657	2.2	140
135	New insights into the evolution of Wolbachia infections in filarial nematodes inferred from a large range of screened species. *PLoS ONE*, **2011**, 6, e20843	3.7	121
134	Metazoan cellulase genes from termites: intron/exon structures and sites of expression. *Biochimica Et Biophysica Acta Gene Regulatory Mechanisms*, **1999**, 1447, 146-59		112
133	A mitochondrial genome phylogeny of termites (Blattodea: Termitoidae): robust support for interfamilial relationships and molecular synapomorphies define major clades. *Molecular Phylogenetics and Evolution*, **2012**, 65, 163-73	4.1	107
132	Phylogenomic evidence for the presence of a flagellum and cbb(3) oxidase in the free-living mitochondrial ancestor. *Molecular Biology and Evolution*, **2011**, 28, 3285-96	8.3	95
131	Purification, characterization, cDNA cloning and nucleotide sequencing of a cellulase from the yellow-spotted longicorn beetle, Psacothea hilaris. *FEBS Journal*, **2003**, 270, 3455-60		95

130	Widespread convergence in toxin resistance by predictable molecular evolution. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 11911-6	11.5	94
129	Major alteration of the expression site of endogenous cellulases in members of an apical termite lineage. *Molecular Ecology*, **2004**, 13, 3219-28	5.7	89
128	Midichloria mitochondrii is widespread in hard ticks (Ixodidae) and resides in the mitochondria of phylogenetically diverse species. *Parasitology*, **2008**, 135, 485-94	2.7	87
127	Phylogenetic evidence for a single, ancestral origin of a □true□worker caste in termites. *Journal of Evolutionary Biology*, **2000**, 13, 869-881	2.3	86
126	A molecular phylogeny of the genus Apis suggests that the Giant Honey Bee of the Philippines, A. breviligula Maa, and the Plains Honey Bee of southern India, A. indica Fabricius, are valid species. *Systematic Entomology*, **2010**, 35, 226-233	3.4	81
125	"Candidatus Midichloriaceae" fam. nov. (Rickettsiales), an ecologically widespread clade of intracellular alphaproteobacteria. *Applied and Environmental Microbiology*, **2013**, 79, 3241-8	4.8	79
124	A novel alpha-Proteobacterium resides in the mitochondria of ovarian cells of the tick Ixodes ricinus. *Applied and Environmental Microbiology*, **2004**, 70, 2596-602	4.8	79
123	Inhibition of the endosymbiont "Candidatus Midichloria mitochondrii" during 16S rRNA gene profiling reveals potential pathogens in Ixodes ticks from Australia. *Parasites and Vectors*, **2015**, 8, 345	4	74
122	Sex-linked genetic influence on caste determination in a termite. *Science*, **2007**, 318, 985-7	33.3	74
121	Biogeographic calibrations for the molecular clock. *Biology Letters*, **2015**, 11, 20150194	3.6	72
120	Parasitism and mutualism in Wolbachia: what the phylogenomic trees can and cannot say. *Molecular Biology and Evolution*, **2009**, 26, 231-41	8.3	71
119	Widespread distribution and high prevalence of an alpha-proteobacterial symbiont in the tick Ixodes ricinus. *Environmental Microbiology*, **2006**, 8, 1280-7	5.2	71
118	A symbiont of the tick Ixodes ricinus invades and consumes mitochondria in a mode similar to that of the parasitic bacterium Bdellovibrio bacteriovorus. *Tissue and Cell*, **2004**, 36, 43-53	2.7	67
117	Evidence for the presence of a cellulase gene in the last common ancestor of bilaterian animals. *Proceedings of the Royal Society B: Biological Sciences*, **2003**, 270 Suppl 1, S69-72	4.4	64
116	Mitochondrial Phylogenomics Resolves the Global Spread of Higher Termites, Ecosystem Engineers of the Tropics. *Molecular Biology and Evolution*, **2017**, 34, 589-597	8.3	64
115	Extensive Diversity of RNA Viruses in Australian Ticks. *Journal of Virology*, **2019**, 93,	6.6	63
114	First detection of spotted fever group rickettsiae in Ixodes ricinus from Italy. *Emerging Infectious Diseases*, **2002**, 8, 983-6	10.2	62
113	Rampant Host Switching Shaped the Termite Gut Microbiome. *Current Biology*, **2018**, 28, 649-654.e2	6.3	61

112	Wood-feeding cockroaches as models for termite evolution (Insecta: Dictyoptera): Cryptocercus vs. Parasphaeria boleiriana. *Molecular Phylogenetics and Evolution*, **2008**, 46, 809-17	4.1	59
111	Molecular phylogeny of the Rhinotermitidae. *Insectes Sociaux*, **2004**, 51, 365-371	1.5	59
110	INSECT PHYLOGENOMICS. Comment on "Phylogenomics resolves the timing and pattern of insect evolution". *Science*, **2015**, 349, 487	33.3	56
109	Save Isoptera: a comment on Inward et al. *Biology Letters*, **2007**, 3, 562-3; discussion 564-5	3.6	54
108	Genome shrinkage and loss of nutrient-providing potential in the obligate symbiont of the primitive termite Mastotermes darwiniensis. *Applied and Environmental Microbiology*, **2012**, 78, 204-10	4.8	53
107	Molecular phylogeny and geographic distribution of wood-feeding cockroaches in East Asian Islands. *Molecular Phylogenetics and Evolution*, **1999**, 13, 360-76	4.1	52
106	The Impact of the Tree Prior on Molecular Dating of Data Sets Containing a Mixture of Inter- and Intraspecies Sampling. *Systematic Biology*, **2017**, 66, 413-425	8.4	51
105	Evolution of Termite Symbiosis Informed by Transcriptome-Based Phylogenies. *Current Biology*, **2019**, 29, 3728-3734.e4	6.3	50
104	Cockroaches that lack Blattabacterium endosymbionts: the phylogenetically divergent genus Nocticola. *Biology Letters*, **2007**, 3, 327-30	3.6	50
103	Oceanic dispersal, vicariance and human introduction shaped the modern distribution of the termites Reticulitermes, Heterotermes and Coptotermes. *Proceedings of the Royal Society B: Biological Sciences*, **2016**, 283, 20160179	4.4	50
102	Novel Borrelia species detected in echidna ticks, Bothriocroton concolor, in Australia. *Parasites and Vectors*, **2016**, 9, 339	4	47
101	Metabolomic profiling of 13C-labelled cellulose digestion in a lower termite: insights into gut symbiont function. *Proceedings of the Royal Society B: Biological Sciences*, **2014**, 281, 20140990	4.4	46
100	Revisiting Coptotermes (Isoptera: Rhinotermitidae): a global taxonomic road map for species validity and distribution of an economically important subterranean termite genus. *Systematic Entomology*, **2016**, 41, 299-306	3.4	44
99	Evidence for Permo-Triassic colonization of the deep sea by isopods. *Biology Letters*, **2012**, 8, 979-82	3.6	43
98	"Candidatus Midichloria" endosymbionts bloom after the blood meal of the host, the hard tick Ixodes ricinus. *Applied and Environmental Microbiology*, **2008**, 74, 6138-40	4.8	43
97	Transoceanic Dispersal and Plate Tectonics Shaped Global Cockroach Distributions: Evidence from Mitochondrial Phylogenomics. *Molecular Biology and Evolution*, **2018**, 35, 970-983	8.3	40
96	Kin conflict in insect societies: a new epigenetic perspective. *Trends in Ecology and Evolution*, **2012**, 27, 367-73	10.9	38
95	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 June 2010 - 31 July 2010. *Molecular Ecology Resources*, **2010**, 10, 1106-8	8.4	37

94	The impact of modelling rate heterogeneity among sites on phylogenetic estimates of intraspecific evolutionary rates and timescales. *PLoS ONE*, **2014**, 9, e95722	3.7	36
93	Novel hepatitis D-like agents in vertebrates and invertebrates. *Virus Evolution*, **2019**, 5, vez021	3.7	34
92	Maintenance of essential amino acid synthesis pathways in the Blattabacterium cuenoti symbiont of a wood-feeding cockroach. *Biology Letters*, **2013**, 9, 20121153	3.6	33
91	The insect molecular clock. *Australian Journal of Entomology*, **2013**, 52, 101-105		31
90	Aerobic and anaerobic metabolism in the higher termite Nasutitermes walkeri (Hill). *Insect Biochemistry and Molecular Biology*, **1997**, 27, 291-303	4.5	30
89	Evidence for widespread genomic methylation in the migratory locust, Locusta migratoria (Orthoptera: Acrididae). *PLoS ONE*, **2011**, 6, e28167	3.7	29
88	Does correlation of cellulase gene expression and cellulolytic activity in the gut of termite suggest synergistic collaboration of cellulases?. *Gene*, **2007**, 401, 131-4	3.8	29
87	Rickettsiae in ixodid ticks, Sicily. *Emerging Infectious Diseases*, **2005**, 11, 509-11	10.2	29
86	Reconstructing the phylogeny of Blattodea: robust support for interfamilial relationships and major clades. *Scientific Reports*, **2017**, 7, 3903	4.9	28
85	Phylogenetic diversity of the intracellular symbiont Wolbachia in termites. *Molecular Phylogenetics and Evolution*, **2007**, 44, 461-6	4.1	28
84	Phylogeny of endosymbiont bacteria harbored by the woodroach Cryptocercus spp. (Cryptocercidae: Blattaria): molecular clock evidence for a late Cretaceous--early Tertiary split of Asian and American lineages. *Molecular Phylogenetics and Evolution*, **2005**, 36, 728-33	4.1	28
83	An evolutionary timescale for terrestrial isopods and a lack of molecular support for the monophyly of Oniscidea (Crustacea: Isopoda). *Organisms Diversity and Evolution*, **2017**, 17, 813-820	1.7	27
82	On the respiratory quotient (RQ) of termites (Insecta: Isoptera). *Journal of Insect Physiology*, **1997**, 43, 749-758	2.4	27
81	The evolution of soil-burrowing cockroaches (Blattaria: Blaberidae) from wood-burrowing ancestors following an invasion of the latter from Asia into Australia. *Proceedings of the Royal Society B: Biological Sciences*, **2003**, 270, 1301-7	4.4	25
80	Absence of the symbiont Candidatus Midichloria mitochondrii in the mitochondria of the tick Ixodes holocyclus. *FEMS Microbiology Letters*, **2009**, 299, 241-7	2.9	23
79	On the origin of termite workers: weighing up the phylogenetic evidence. *Journal of Evolutionary Biology*, **2004**, 17, 217-20	2.3	23
78	Alternative migratory locust phenotypes are associated with differences in the expression of genes encoding the methylation machinery. *Insect Molecular Biology*, **2016**, 25, 105-15	3.4	21
77	Should environmental caste determination be assumed for termites?. *American Naturalist*, **2009**, 173, 848-53	3.7	21

76	Comparison of Intracellular "Ca. Endomicrobium Trichonymphae" Genomovars Illuminates the Requirement and Decay of Defense Systems against Foreign DNA. *Genome Biology and Evolution*, **2016**, 8, 3099-3107	3.9	21
75	Identification of natural killer cell receptor genes in the genome of the marsupial Tasmanian devil (Sarcophilus harrisii). *Immunogenetics*, **2013**, 65, 25-35	3.2	20
74	Phylogenetic Diversity and Single-Cell Genome Analysis of "Melainabacteria", a Non-Photosynthetic Cyanobacterial Group, in the Termite Gut. *Microbes and Environments*, **2018**, 33, 50-57	2.6	20
73	The origins and radiation of Australian Coptotermes termites: from rainforest to desert dwellers. *Molecular Phylogenetics and Evolution*, **2015**, 82 Pt A, 234-44	4.1	19
72	A global molecular phylogeny and timescale of evolution for Cryptocercus woodroaches. *Molecular Phylogenetics and Evolution*, **2016**, 98, 201-9	4.1	19
71	Museum specimens provide reliable SNP data for population genomic analysis of a widely distributed but threatened cockatoo species. *Molecular Ecology Resources*, **2019**, 19, 1578-1592	8.4	19
70	The evolutionary history of Stomatopoda (Crustacea: Malacostraca) inferred from molecular data. *PeerJ*, **2017**, 5, e3844	3.1	18
69	Genome analyses of uncultured TG2/ZB3 bacteria in 'Margulisbacteria' specifically attached to ectosymbiotic spirochetes of protists in the termite gut. *ISME Journal*, **2019**, 13, 455-467	11.9	17
68	DNA methylation in the termite Coptotermes lacteus. *Insectes Sociaux*, **2012**, 59, 257-261	1.5	16
67	Cellulolytic protist numbers rise and fall dramatically in termite queens and kings during colony foundation. *Eukaryotic Cell*, **2013**, 12, 545-50		16
66	Species Delimitation and Phylogenetic Relationships in Ectobiid Cockroaches (Dictyoptera, Blattodea) from China. *PLoS ONE*, **2017**, 12, e0169006	3.7	16
65	Increased Mutation Rate Is Linked to Genome Reduction in Prokaryotes. *Current Biology*, **2020**, 30, 3848-3855.e4		16
64	Epigenetics and developmental plasticity in orthopteroid insects. *Current Opinion in Insect Science*, **2018**, 25, 25-34	5.1	15
63	Discovery of ectosymbiotic Endomicrobium lineages associated with protists in the gut of stolotermitid termites. *Environmental Microbiology Reports*, **2017**, 9, 411-418	3.7	14
62	Molecular phylogeny of Cryptocercus wood-roaches based on mitochondrial COII and 16S sequences, and chromosome numbers in Palearctic representatives. *Zoological Science*, **2006**, 23, 393-8	0.8	14
61	Evidence for genetically influenced caste determination in phylogenetically diverse species of the termite genus Reticulitermes. *Biology Letters*, **2011**, 7, 257-60	3.6	13
60	Parallel evolution of mound-building and grass-feeding in Australian nasute termites. *Biology Letters*, **2017**, 13,	3.6	12
59	Recalibration of the insect evolutionary time scale using Monte San Giorgio fossils suggests survival of key lineages through the End-Permian Extinction. *Proceedings of the Royal Society B: Biological Sciences*, **2019**, 286, 20191854	4.4	12

58	Phylogenetic analyses of fat body endosymbionts reveal differences in invasion times of blaberid wood-feeding cockroaches (Blaberidae: Panesthiinae) into the Japanese archipelago. *Zoological Science*, **2005**, 22, 1061-7	0.8	12
57	Purifying selection and concerted evolution of RNA-sensing toll-like receptors in migratory waders. *Infection, Genetics and Evolution*, **2017**, 53, 135-145	4.5	11
56	Symbiotic "Archaezoa" of the primitive termite Mastotermes darwiniensis still play a role in cellulase production. *Eukaryotic Cell*, **2006**, 5, 1571-6		11
55	Construction and characterization of normalized cDNA libraries by 454 pyrosequencing and estimation of DNA methylation levels in three distantly related termite species. *PLoS ONE*, **2013**, 8, e76678	3.7	11
54	Evolution and Function of Endogenous Termite Cellulases **2010**, 51-67		11
53	Historical biogeography of the termite clade Rhinotermitinae (Blattodea: Isoptera). *Molecular Phylogenetics and Evolution*, **2019**, 132, 100-104	4.1	11
52	Ecological diversification of the Australian Coptotermes termites and the evolution of mound building. *Journal of Biogeography*, **2017**, 44, 1405-1417	4.1	10
51	Multiple evolutionary origins of Australian soil-burrowing cockroaches driven by climate change in the Neogene. *Proceedings of the Royal Society B: Biological Sciences*, **2016**, 283, 20152869	4.4	10
50	A significant fitness cost associated with ACE1 target site pirimicarb resistance in a field isolate of Aphis gossypii Glover from Australian cotton. *Journal of Pest Science*, **2017**, 90, 773-779	5.5	10
49	Loss of males from mixed-sex societies in termites. *BMC Biology*, **2018**, 16, 96	7.3	10
48	The Genome as an Evolutionary Timepiece. *Genome Biology and Evolution*, **2016**, 8, 3006-3010	3.9	9
47	Boomeranging around Australia: Historical biogeography and population genomics of the anti-equatorial fish Microcanthus strigatus (Teleostei: Microcanthidae). *Molecular Ecology*, **2019**, 28, 3771-3785	5.7	9
46	Presoldier differentiation of Australian termite species induced by juvenile hormone analogues. *Austral Entomology*, **2014**, 53, 138-143	1.1	9
45	Two speed invasion: assisted and intrinsic dispersal of common mynas over 150 years of colonization. *Journal of Biogeography*, **2019**, 46, 45-57	4.1	9
44	Exploring the diversity of Asian Cryptocercus (Blattodea : Cryptocercidae): species delimitation based on chromosome numbers, morphology and molecular analysis. *Invertebrate Systematics*, **2018** , 32, 69	1.2	9
43	Phylogeny of Australian Coptotermes (Isoptera: Rhinotermitidae) species inferred from mitochondrial COII sequences. *Bulletin of Entomological Research*, **2006**, 96, 433-7	1.7	9
42	Examining the sensitivity of molecular species delimitations to the choice of mitochondrial marker. *Organisms Diversity and Evolution*, **2016**, 16, 467-480	1.7	8
41	Phylogeography and diversity of the terrestrial isopodSpherillo grossus(Oniscidea: Armadillidae) on the Australian East Coast. *Zoological Journal of the Linnean Society*, **2014**, 170, 297-309	2.4	8

40	Population genetics of the Australian eucalypt pest Thaumastocoris peregrinus: evidence for a recent invasion of Sydney. *Journal of Pest Science*, **2019**, 92, 201-212	5.5	7
39	Evolutionary rates are correlated between cockroach symbionts and mitochondrial genomes. *Biology Letters*, **2020**, 16, 20190702	3.6	7
38	Parallel and Gradual Genome Erosion in the Blattabacterium Endosymbionts of Mastotermes darwiniensis and Cryptocercus Wood Roaches. *Genome Biology and Evolution*, **2018**, 10, 1622-1630	3.9	6
37	Purification and partial genome characterization of the bacterial endosymbiont Blattabacterium cuenoti from the fat bodies of cockroaches. *BMC Research Notes*, **2008**, 1, 118	2.3	6
36	Comparative screening of endosymbiotic bacteria associated with the asexual and sexual lineages of the termite. *Communicative and Integrative Biology*, **2019**, 12, 55-58	1.7	5
35	Multiple abiotic factors correlate with parallel evolution in Australian soil burrowing cockroaches. *Journal of Biogeography*, **2018**, 45, 1515-1528	4.1	5
34	Termite Phylogenetics and Co-cladogenesis with Symbionts **2010**, 27-50		5
33	Marked variations in patterns of cellulase activity against crystalline- vs. carboxymethyl-cellulose in the digestive systems of diverse, wood-feeding termites. *Physiological Entomology*, **2005**, 30, 050930084535006-???	1.9	5
32	Angels in disguise: sympatric hybridization in the marine angelfishes is widespread and occurs between deeply divergent lineages. *Proceedings of the Royal Society B: Biological Sciences*, **2020**, 287, 20201459	4.4	5
31	Unmapped RNA Virus Diversity in Termites and their Symbionts. *Viruses*, **2020**, 12,	6.2	4
30	Phylogeography of the iconic Australian red-tailed black-cockatoo (Calyptorhynchus banksii) and implications for its conservation. *Heredity*, **2020**, 125, 85-100	3.6	4
29	Combining morphological and molecular data resolves the phylogeny of Squilloidea (Crustacea : Malacostraca). *Invertebrate Systematics*, **2019**,	1.2	3
28	A rapid multiplex PCR assay for presumptive species identification of rhinoceros horns and its implementation in Vietnam. *PLoS ONE*, **2018**, 13, e0198565	3.7	3
27	Neotenic reproductives influence worker caste differentiation in the termite Reticulitermes speratus (Isoptera; Rhinotermitidae). *Sociobiology*, **2014**, 60,	1.5	3
26	The impacts of drift and selection on genomic evolution in insects. *PeerJ*, **2017**, 5, e3241	3.1	3
25	Phylogeography of the iconic Australian pink cockatoo, Lophochroa leadbeateri. *Biological Journal of the Linnean Society*, **2021**, 132, 704-723	1.9	3
24	Novel Lineages of Oxymonad Flagellates from the Termite Porotermes adamsoni (Stolotermitidae): the Genera Oxynympha and Termitimonas. *Protist*, **2019**, 170, 125683	2.5	2
23	Polyphenism in Insects. *Current Biology*, **2012**, 22, 352	6.3	2

22	Termites host specific fungal communities that differ from those in their ambient environments. *Fungal Ecology*, **2020**, 48, 100991	4.1	2
21	Extensive Diversity of RNA Viruses in Australian Ticks		2
20	Termites Are Associated with External Species-Specific Bacterial Communities. *Applied and Environmental Microbiology*, **2021**, 87,	4.8	2
19	Phylogenomic Analysis of Concatenated Ultraconserved Elements Reveals the Recent Evolutionary Radiation of the Fairy Wrasses (Teleostei: Labridae: Cirrhilabrus). *Systematic Biology*, **2021**,	8.4	2
18	Phylogeny, biogeography and classification of Teletisoptera (Blattaria: Isoptera). *Systematic Entomology*,	3.4	2
17	Evidence for a complex evolutionary history of mound building in the Australian nasute termites (Nasutitermitinae). *Biological Journal of the Linnean Society*, **2019**, 126, 304-314	1.9	1
16	High numbers of unrelated reproductives in the Australian higher termite Nasutitermes exitiosus (Blattodea: Termitidae). *Insectes Sociaux*, **2020**, 67, 281-294	1.5	1
15	Female-only workers and soldiers in Schedorhinotermes intermedius are not produced by parthenogenesis. *Insectes Sociaux*, **2017**, 64, 133-139	1.5	1
14	Historical biogeography of early diverging termite lineages (Isoptera: Teletisoptera)		1
13	The functional evolution of termite gut microbiota		1
12	Evolutionary Rates are Correlated Between Buchnera Endosymbionts and the Mitochondrial Genomes of Their Aphid Hosts. *Journal of Molecular Evolution*, **2021**, 89, 238-248	3.1	1
11	Digging deep: a revised phylogeny of Australian burrowing cockroaches (Blaberidae: Panesthiinae, Geoscapheinae) confirms extensive nonmonophyly and provides insights into biogeography and evolution of burrowing. *Systematic Entomology*, **2021**, 46, 767-783	3.4	1
10	Enhanced Mutation Rate, Relaxed Selection, and the "Domino Effect" are associated with Gene Loss in Blattabacterium, A Cockroach Endosymbiont. *Molecular Biology and Evolution*, **2021**, 38, 3820-3831	8.3	1
9	Vicariance and dispersal events inferred from mitochondrial genomes and nuclear genes (18S, 28S) shaped global Cryptocercus distributions. *Molecular Phylogenetics and Evolution*, **2022**, 166, 107318	4.1	1
8	Enhanced heterozygosity from male meiotic chromosome chains is superseded by hybrid female asexuality in termites.. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	1
7	A review of the status of Coptotermes (Isoptera : Rhinotermitidae) species in Australia with the description of two new small termite species from northern and eastern Australia. *Invertebrate Systematics*, **2017**, 31, 180	1.2	0
6	Termite sociogenomics: evolution and regulation of caste-specific expressed genes.. *Current Opinion in Insect Science*, **2022**, 50, 100880	5.1	0
5	Global incursion pathways of Thaumastocoris peregrinus, an invasive Australian pest of eucalypts. *Biological Invasions*, **2020**, 22, 3501-3518	2.7	0

4 Caste in Social Insects: Genetic Influences Over Caste Determination **2019**, 274-281

3 A microsatellite-based test of the Reticulitermes speratus genetic caste determination model in Coptotermes lacteus. *Insectes Sociaux*, **2011**, 58, 365-370 1.5

2 "Candidatus Midichloria mitochondrii", formerly IricES1, a symbiont of the tick Ixodes ricinus that resides in the host mitochondria **2010**, 527-531

1 Molecular systematics and biogeography of an Australian soil-burrowing cockroach with polymorphic males, Geoscapheus dilatatus (Blattodea: Blaberidae). *Austral Entomology*, **2021**, 60, 317-329 1.1