

Thomas Bourguignon

List of Publications by Year in descending order

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Version: 2024-02-01

86
papers

2,403
citations

304743

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265206

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docs citations

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times ranked

1693
citing authors

#	ARTICLE	IF	CITATIONS
1	Vicariance and dispersal events inferred from mitochondrial genomes and nuclear genes (18S, 28S) shaped global <i>Cryptocercus</i> distributions. <i>Molecular Phylogenetics and Evolution</i> , 2022, 166, 107318.	2.7	4
2	The ultrastructure of the intramandibular gland in soldiers of the termite <i>Machadotermes rigidus</i> (Blattodea: Termitidae: Apicotermitinae). <i>Arthropod Structure and Development</i> , 2022, 67, 101136.	1.4	2
3	Termite nest evolution fostered social parasitism by termitophilous rove beetles. <i>Evolution; International Journal of Organic Evolution</i> , 2022, 76, 1064-1072.	2.3	3
4	Phylogeny, biogeography and classification of Teletisoptera (Blattaria: Isoptera). <i>Systematic Entomology</i> , 2022, 47, 581-590.	3.9	11
5	Using ultraconserved elements to reconstruct the termite tree of life. <i>Molecular Phylogenetics and Evolution</i> , 2022, 173, 107520.	2.7	11
6	Molecular Phylogeny Reveals the Past Transoceanic Voyages of Drywood Termites (Isoptera,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542	8.9	12
7	The functional evolution of termite gut microbiota. <i>Microbiome</i> , 2022, 10, .	11.1	35
8	Termite dispersal is influenced by their diet. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, .	2.6	3
9	The trail-following pheromone of the termite <i>Serritermes serrifer</i> . <i>Chemoecology</i> , 2021, 31, 11-17.	1.1	4
10	Termites Are Associated with External Species-Specific Bacterial Communities. <i>Applied and Environmental Microbiology</i> , 2021, 87, .	3.1	10
11	Termite evolution: mutualistic associations, key innovations, and the rise of Termitidae. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 2749-2769.	5.4	63
12	Termites: Phylogeny and Classification. , 2021, , 963-968.		0
13	Molecular systematics and biogeography of an Australian soilâ€burrowing cockroach with polymorphic males, <i>Geoscapheus dilatatus</i> (Blattodea: Blaberidae). <i>Austral Entomology</i> , 2021, 60, 317-329.	1.4	0
14	Digging deep: a revised phylogeny of Australian burrowing cockroaches (Blaberidae: Panesthiinae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 evolution of burrowing. <i>Systematic Entomology</i> , 2021, 46, 767-783.	3.9	9
15	Enhanced Mutation Rate, Relaxed Selection, and the â€œDomino Effectâ€are associated with Gene Loss in <i>Blattabacterium</i> , A Cockroach Endosymbiont. <i>Molecular Biology and Evolution</i> , 2021, 38, 3820-3831.	8.9	13
16	Molecular phylogeny and historical biogeography of Apicotermitinae (Blattodea: Termitidae). <i>Systematic Entomology</i> , 2021, 46, 741-756.	3.9	10
17	The evolution of body size in termites. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20211458.	2.6	7
18	Evolutionary rates are correlated between cockroach symbionts and mitochondrial genomes. <i>Biology Letters</i> , 2020, 16, 20190702.	2.3	17

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19	Ocean currents promote rare species diversity in protists. <i>Science Advances</i> , 2020, 6, eaaz9037.	10.3	13
20	Modern termites inherited the potential of collective construction from their common ancestor. <i>Ecology and Evolution</i> , 2020, 10, 6775-6784.	1.9	16
21	Increased Mutation Rate Is Linked to Genome Reduction in Prokaryotes. <i>Current Biology</i> , 2020, 30, 3848-3855.e4.	3.9	44
22	Unmapped RNA Virus Diversity in Termites and Their Symbionts. <i>Viruses</i> , 2020, 12, 1145.	3.3	28
23	Trail-Following Pheromones in the Termite Subfamily Syntermitinae (Blattodea, Termitoidea). <i>Tj ETQq1 1 0.784314 JgBT /Overlock 10</i>	1.8	7
24	Termites host specific fungal communities that differ from those in their ambient environments. <i>Fungal Ecology</i> , 2020, 48, 100991.	1.6	11
25	Termites: Phylogeny and Classification. , 2020, , 1-6.		0
26	The oral gland, a new exocrine organ of termites. <i>Arthropod Structure and Development</i> , 2019, 51, 32-36.	1.4	5
27	Complete mitochondrial genomes from transcriptomes: assessing pros and cons of data mining for assembling new mitogenomes. <i>Scientific Reports</i> , 2019, 9, 14806.	3.3	14
28	Evolution of Termite Symbiosis Informed by Transcriptome-Based Phylogenies. <i>Current Biology</i> , 2019, 29, 3728-3734.e4.	3.9	110
29	Global spread of the German cockroach, <i>Blattella germanica</i> . <i>Biological Invasions</i> , 2019, 21, 693-707.	2.4	18
30	Chemical and vibratory signals used in alarm communication in the termite <i>Reticulitermes flavipes</i> (Rhinotermitidae). <i>Insectes Sociaux</i> , 2019, 66, 265-272.	1.2	11
31	Historical biogeography of the termite clade Rhinotermitinae (Blattodea: Isoptera). <i>Molecular Phylogenetics and Evolution</i> , 2019, 132, 100-104.	2.7	21
32	Transoceanic Dispersal and Plate Tectonics Shaped Global Cockroach Distributions: Evidence from Mitochondrial Phylogenomics. <i>Molecular Biology and Evolution</i> , 2018, 35, 970-983.	8.9	73
33	The labral gland in termite soldiers. <i>Biological Journal of the Linnean Society</i> , 2018, 123, 535-544.	1.6	11
34	Rampant Host Switching Shaped the Termite Gut Microbiome. <i>Current Biology</i> , 2018, 28, 649-654.e2.	3.9	101
35	Phylogenetic position of the enigmatic termite family Stylotermitidae (Insecta : Blattodea). <i>Invertebrate Systematics</i> , 2018, 32, 1111.	1.3	25
36	Termite diversity and species composition in heath forests, mixed dipterocarp forests, and pristine and selectively logged tropical peat swamp forests in Brunei. <i>Insectes Sociaux</i> , 2018, 65, 439-444.	1.2	4

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37	Parallel and Gradual Genome Erosion in the Blattabacterium Endosymbionts of Mastotermes darwiniensis and Cryptocercus Wood Roaches. <i>Genome Biology and Evolution</i> , 2018, 10, 1622-1630.	2.5	14
38	Roisinitermes ebogoensis gen. & sp. n., an outstanding drywood termite with snapping soldiers from Cameroon (Isoptera, Kalotermitidae). <i>ZooKeys</i> , 2018, 787, 91-105.	1.1	13
39	Mitochondrial Phylogenomics Resolves the Global Spread of Higher Termites, Ecosystem Engineers of the Tropics. <i>Molecular Biology and Evolution</i> , 2017, 34, msw253.	8.9	89
40	Mitochondrial and chemical profiles reveal a new genus and species of Neotropical termite with snapping soldiers, Palmitermes impostor (Termitidae : Termitinae). <i>Invertebrate Systematics</i> , 2017, 31, 394.	1.3	10
41	Ant and termite communities in isolated and continuous forest fragments in Singapore. <i>Insectes Sociaux</i> , 2017, 64, 505-514.	1.2	10
42	White-gutted soldiers: simplification of the digestive tube for a non-particulate diet in higher Old World termites (Isoptera: Termitidae). <i>Insectes Sociaux</i> , 2017, 64, 525-533.	1.2	12
43	Female-only workers and soldiers in Schedorhinotermes intermedius are not produced by parthenogenesis. <i>Insectes Sociaux</i> , 2017, 64, 133-139.	1.2	2
44	Dispersal strategies in the highly polygynous ant Crematogaster (Orthocrema) pygmaea Forel (Formicidae: Myrmicinae). <i>PLoS ONE</i> , 2017, 12, e0178813.	2.5	9
45	Termites. <i>Soil Science</i> , 2016, 181, 157-165.	0.9	105
46	Functional transformation series and the evolutionary origin of novel forms: evidence from a remarkable termite defensive organ. <i>Evolution & Development</i> , 2016, 18, 78-88.	2.0	14
47	Oceanic dispersal, vicariance and human introduction shaped the modern distribution of the termites <i>Reticulitermes</i> , <i>Heterotermes</i> and <i>Coptotermes</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20160179.	2.6	73
48	Towards a revision of the Neotropical soldierless termites (Isoptera: Termitidae): redescription of the genus <i>Grigiotermes</i> Mathews and description of five new genera. <i>Zoological Journal of the Linnean Society</i> , 2016, 176, 15-35.	2.3	23
49	The Termite Worker Phenotype Evolved as a Dispersal Strategy for Fertile Wingless Individuals before Eusociality. <i>American Naturalist</i> , 2016, 187, 372-387.	2.1	19
50	Population structure of the German cockroach, <i>Blattella germanica</i> , shows two expansions across China. <i>Biological Invasions</i> , 2016, 18, 2391-2402.	2.4	7
51	The soldierless Apicotermitinae: insights into a poorly known and ecologically dominant tropical taxon. <i>Insectes Sociaux</i> , 2016, 63, 39-50.	1.2	35
52	Revisiting <i>Coptotermes</i> (Isoptera: Rhinotermitidae): a global taxonomic road map for species validity and distribution of an economically important subterranean termite genus. <i>Systematic Entomology</i> , 2016, 41, 299-306.	3.9	65
53	Molecular Mechanism of the Two-Component Suicidal Weapon of <i>Neocapritermes taracua</i> Old Workers. <i>Molecular Biology and Evolution</i> , 2016, 33, 809-819.	8.9	19
54	Complex alarm strategy in the most basal termite species. <i>Behavioral Ecology and Sociobiology</i> , 2015, 69, 1945-1955.	1.4	24

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55	The nasus gland: A new gland in soldiers of <i>Angularitermes</i> (Termitidae, Nasutitermitinae). <i>Arthropod Structure and Development</i> , 2015, 44, 401-406.	1.4	8
56	The Evolutionary History of Termites as Inferred from 66 Mitochondrial Genomes. <i>Molecular Biology and Evolution</i> , 2015, 32, 406-421.	8.9	268
57	Influence of Soil Properties on Soldierless Termite Distribution. <i>PLoS ONE</i> , 2015, 10, e0135341.	2.5	16
58	Second Record and DNA Barcode of the Ant <i>Tyrannomyrmex rex</i> Fernández (Hymenoptera: Formicidae). <i>Open Access Library Journal</i> , 2015, 2, 1-5.	0.5	1
59	Age-dependent changes in ultrastructure of the defensive glands of <i>Neocapritermes taracua</i> workers (Isoptera, Termitidae). <i>Arthropod Structure and Development</i> , 2014, 43, 205-210.	1.4	17
60	The clypeal gland: A new exocrine gland in termite imagoes (Isoptera: Serritermitidae, Rhinotermitidae). <i>Open Access Library Journal</i> , 2014, 1, 1-12.	1.4	12
61	Delineating species boundaries using an iterative taxonomic approach: The case of soldierless termites (Isoptera, Termitidae, Apicotermitinae). <i>Molecular Phylogenetics and Evolution</i> , 2013, 69, 694-703.	2.7	19
62	Armed reproductives: Evolution of the frontal gland in imagoes of Termitidae. <i>Arthropod Structure and Development</i> , 2013, 42, 339-348.	1.4	11
63	Construction and Characterization of Normalized cDNA Libraries by 454 Pyrosequencing and Estimation of DNA Methylation Levels in Three Distantly Related Termite Species. <i>PLoS ONE</i> , 2013, 8, e76678.	2.5	12
64	Developmental Pathways of <i>Psammotermes hybostoma</i> (Isoptera: Rhinotermitidae): Old Pseudergates Make up a New Sterile Caste. <i>PLoS ONE</i> , 2012, 7, e44527.	2.5	12
65	Skewed soldier sex ratio in termites: testing the size-threshold hypothesis. <i>Insectes Sociaux</i> , 2012, 59, 557-563.	1.2	15
66	A mitochondrial genome phylogeny of termites (Blattodea: Termitoidea): Robust support for interfamilial relationships and molecular synapomorphies define major clades. <i>Molecular Phylogenetics and Evolution</i> , 2012, 65, 163-173.	2.7	127
67	Nonadecadienone, a New Termite Trail-Following Pheromone Identified in <i>Glossotermes oculatus</i> (Serritermitidae). <i>Chemical Senses</i> , 2012, 37, 55-63.	2.0	16
68	Comparative Study of the Labial Gland Secretion in Termites (Isoptera). <i>PLoS ONE</i> , 2012, 7, e46431.	2.5	31
69	Explosive Backpacks in Old Termite Workers. <i>Science</i> , 2012, 337, 436-436.	12.6	61
70	Feeding ecology and phylogenetic structure of a complex neotropical termite assemblage, revealed by nitrogen stable isotope ratios. <i>Ecological Entomology</i> , 2011, 36, 261-269.	2.2	72
71	Beta-Diversity of Termite Assemblages Among Primary French Guiana Rain Forests. <i>Biotropica</i> , 2011, 43, 473-479.	1.6	33
72	Are the spatio-temporal dynamics of soil-feeding termite colonies shaped by intra-specific competition?. <i>Ecological Entomology</i> , 2011, 36, 776-785.	2.2	20

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73	Revision of the termite family Rhinotermitidae (Isoptera) in New Guinea. ZooKeys, 2011, 148, 55-103.	1.1	22
74	Towards a revision of the Neotropical soldierless termites (Isoptera:Termitidae): redescription of the genus Anoplotermes and description of Longustitermes, gen. nov.. Invertebrate Systematics, 2010, 24, 357.	1.3	32
75	The frontal gland in workers of Neotropical soldierless termites. Die Naturwissenschaften, 2010, 97, 495-503.	1.6	33
76	Not Only Soldiers Have Weapons: Evolution of the Frontal Gland in Imagoes of the Termite Families Rhinotermitidae and Serritermitidae. PLoS ONE, 2010, 5, e15761.	2.5	19
77	Niche differentiation among neotropical soldierless soil-feeding termites revealed by stable isotope ratios. Soil Biology and Biochemistry, 2009, 41, 2038-2043.	8.8	43
78	Sexual communication in the termite Prorethra simplex (Isoptera, Rhinotermitidae) mediated by a pheromone from female tergal glands. Insectes Sociaux, 2009, 56, 111-118.	1.2	26
79	Insights into the termite assemblage of a neotropical rainforest from the spatio-temporal distribution of flying alates. Insect Conservation and Diversity, 2009, 2, 153-162.	3.0	22
80	Developmental pathways of <i>Glossotermes oculatus</i> (Isoptera, Serritermitidae): at the crossroads of worker caste evolution in termites. Evolution & Development, 2009, 11, 659-668.	2.0	24
81	(E,E)- β -Farnesene, an Alarm Pheromone of the Termite <i>Prorethra canalifrons</i> . Journal of Chemical Ecology, 2008, 34, 478-486.	1.8	73
82	Revision of the Termitinae with snapping soldiers (Isoptera: Termitidae) from New Guinea. Zootaxa, 2008, 1769, 1.	0.5	7
83	Taxonomy, distribution and host specificity of the termitophile tribe Trichopseniini (Coleoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 222 Td	0.7	3
84	Revision of the termitophilous tribe Pseudoperinthini (Coleoptera: Staphylinidae) in New Guinea. Insect Systematics and Evolution, 2006, 37, 443-456.	0.7	2
85	Temporal and geographic variations in the morphology and chemical composition of the frontal gland in imagoes of <i>Prorethra</i> species (Isoptera: Rhinotermitidae). Biological Journal of the Linnean Society, 0, 98, 384-392.	1.6	23
86	Structure and function of defensive glands in soldiers of <i>Glossotermes oculatus</i> (Isoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td	1.6	39