

Theodore A Evans

List of Publications by Year in descending order

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102
papers

4,046
citations

126907

33
h-index

133252

59
g-index

105
all docs

105
docs citations

105
times ranked

4035
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Phylogeny, biogeography and classification of Teletisoptera (Blattaria: Isoptera). Systematic Entomology, 2022, 47, 581-590. | 3.9 | 11 |
| 2 | Molecular Phylogeny Reveals the Past Transoceanic Voyages of Drywood Termites (Isoptera,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 | 8.9 | 12 |
| 3 | Low radiodensity 1/4CT scans to reveal detailed morphology of the termite leg and its subgenual organ. Arthropod Structure and Development, 2022, 70, 101191. | 1.4 | 1 |
| 4 | Estimating carbon biomass in forests using incomplete data. Biotropica, 2021, 53, 397-408. | 1.6 | 2 |
| 5 | Localised climate change defines ant communities in human-modified tropical landscapes. Functional Ecology, 2021, 35, 1094-1108. | 3.6 | 30 |
| 6 | Submillimetre mechanistic designs of termite-built structures. Journal of the Royal Society Interface, 2021, 18, 20200957. | 3.4 | 5 |
| 7 | Predicting ecological impacts of invasive termites. Current Opinion in Insect Science, 2021, 46, 88-94. | 4.4 | 16 |
| 8 | Water Costs of Gas Exchange by a Speckled Cockroach and a Darkling Beetle. Insects, 2020, 11, 632. | 2.2 | 2 |
| 9 | Revisiting stigmergy in light of multi-functional, biogenic, termite structures as communication channel. Computational and Structural Biotechnology Journal, 2020, 18, 2522-2534. | 4.1 | 15 |
| 10 | Phenotypic plasticity but no adaptive divergence in cuticular hydrocarbons and desiccation resistance among translocated populations of dung beetles. Evolutionary Ecology, 2020, 34, 929-944. | 1.2 | 7 |
| 11 | High numbers of unrelated reproductives in the Australian "higher" termite Nasutitermes exitiosus (Blattodea: Termitidae). Insectes Sociaux, 2020, 67, 281-294. | 1.2 | 1 |
| 12 | Drought and presence of ants can influence hemiptera in tropical leaf litter. Biotropica, 2020, 52, 221-229. | 1.6 | 4 |
| 13 | Distance to forest, mammal and bird dispersal drive natural regeneration on degraded tropical peatland. Forest Ecology and Management, 2020, 461, 117868. | 3.2 | 17 |
| 14 | Validation and extension of the Tea Bag Index to collect decomposition data from termite-rich ecosystems. Pedobiologia, 2020, 80, 150639. | 1.2 | 12 |
| 15 | Termites manipulate moisture content of wood to maximize foraging resources. Biology Letters, 2019, 15, 20190365. | 2.3 | 13 |
| 16 | The Dominance Hierarchy of Wood-Eating Termites from China. Insects, 2019, 10, 210. | 2.2 | 5 |
| 17 | Complete mitochondrial genomes from transcriptomes: assessing pros and cons of data mining for assembling new mitogenomes. Scientific Reports, 2019, 9, 14806. | 3.3 | 14 |
| 18 | Not just urban: The Formosan subterranean termite, Coptotermes formosanus, is invading forests in the Southeastern USA. Biological Invasions, 2019, 21, 1283-1294. | 2.4 | 17 |

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|----|--|------|-----------|
| 19 | Termites can decompose more than half of deadwood in tropical rainforest. <i>Current Biology</i> , 2019, 29, R118-R119. | 3.9 | 55 |
| 20 | Termites mitigate the effects of drought in tropical rainforest. <i>Science</i> , 2019, 363, 174-177. | 12.6 | 98 |
| 21 | Global spread of the German cockroach, <i>Blattella germanica</i> . <i>Biological Invasions</i> , 2019, 21, 693-707. | 2.4 | 18 |
| 22 | Historical biogeography of the termite clade Rhinotermitinae (Blattodea: Isoptera). <i>Molecular Phylogenetics and Evolution</i> , 2019, 132, 100-104. | 2.7 | 21 |
| 23 | Physical Basis of Vibrational Behaviour: Channel Properties, Noise and Excitation Signal Extraction. <i>Animal Signals and Communication</i> , 2019, , 53-78. | 0.8 | 7 |
| 24 | 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 |
| 25 | Rampant Host Switching Shaped the Termite Gut Microbiome. <i>Current Biology</i> , 2018, 28, 649-654.e2. | 3.9 | 101 |
| 26 | Evaluation of fipronil and imidacloprid as bait active ingredients against fungus-growing termites (Blattodea: Termitidae: Macrotermitinae). <i>Bulletin of Entomological Research</i> , 2018, 108, 14-22. | 1.0 | 14 |
| 27 | Ants are the major agents of resource removal from tropical rainforests. <i>Journal of Animal Ecology</i> , 2018, 87, 293-300. | 2.8 | 88 |
| 28 | Key physical wood properties in termite foraging decisions. <i>Journal of the Royal Society Interface</i> , 2018, 15, 20180505. | 3.4 | 15 |
| 29 | 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 |
| 30 | Conservation genomics reveals possible illegal trade routes and admixture across pangolin lineages in Southeast Asia. <i>Conservation Genetics</i> , 2018, 19, 1083-1095. | 1.5 | 29 |
| 31 | Carbon emissions from South-East Asian peatlands will increase despite emission reduction schemes. <i>Global Change Biology</i> , 2018, 24, 4598-4613. | 9.5 | 76 |
| 32 | 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 |
| 33 | Bait station preferences in two <i>Macrotermes</i> species. <i>Journal of Pest Science</i> , 2017, 90, 217-225. | 3.7 | 3 |
| 34 | Cryptic termites avoid predatory ants by eavesdropping on vibrational cues from their footsteps. <i>Ecology Letters</i> , 2017, 20, 212-221. | 6.4 | 48 |
| 35 | Parallel evolution of mound-building and grass-feeding in Australian nasute termites. <i>Biology Letters</i> , 2017, 13, 20160665. | 2.3 | 20 |
| 36 | A review of the status of <i>Coptotermes</i> (Isoptera : Rhinotermitidae) species in Australia with the description of two new small termite species from northern and eastern Australia. <i>Invertebrate Systematics</i> , 2017, 31, 180. | 1.3 | 3 |

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|----|--|-----|-----------|
| 37 | Ecological diversification of the Australian <i>Coptotermes</i> termites and the evolution of mound building. <i>Journal of Biogeography</i> , 2017, 44, 1405-1417. | 3.0 | 12 |
| 38 | Determining urban exploiter status of a termite using genetic analysis. <i>Urban Ecosystems</i> , 2017, 20, 535-545. | 2.4 | 9 |
| 39 | Ant and termite communities in isolated and continuous forest fragments in Singapore. <i>Insectes Sociaux</i> , 2017, 64, 505-514. | 1.2 | 10 |
| 40 | Denial of long-term issues with agriculture on tropical peatlands will have devastating consequences. <i>Global Change Biology</i> , 2017, 23, 977-982. | 9.5 | 114 |
| 41 | Suppression of savanna ants alters invertebrate composition and influences key ecosystem processes. <i>Ecology</i> , 2016, 97, 1611-1617. | 3.2 | 32 |
| 42 | Dynamic switching in predator attack and maternal defence of prey. <i>Biological Journal of the Linnean Society</i> , 2016, 118, 901-910. | 1.6 | 14 |
| 43 | Termites utilise clay to build structural supports and so increase foraging resources. <i>Scientific Reports</i> , 2016, 6, 20990. | 3.3 | 35 |
| 44 | 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 |
| 45 | Evaluation of fipronil baits against <i>Microtermes mycophagus</i> (Blattodea: Termitidae). <i>Canadian Entomologist</i> , 2016, 148, 343-352. | 0.8 | 5 |
| 46 | 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 |
| 47 | 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 |
| 48 | Direct measurement of ant predation of weed seeds in wheat cropping. <i>Journal of Applied Ecology</i> , 2016, 53, 1177-1185. | 4.0 | 9 |
| 49 | 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 |
| 50 | An Innovative Signal Processing Method to Extract Ants' Walking Signals. <i>Acoustics Australia</i> , 2015, 43, 87-96. | 2.4 | 11 |
| 51 | Foraging activity and population estimation of <i>Microtermes mycophagus</i> ... <i>Entomological Research</i> , 2015, 45, 51-57. | 1.1 | 5 |
| 52 | The Evolutionary History of Termites as Inferred from 66 Mitochondrial Genomes. <i>Molecular Biology and Evolution</i> , 2015, 32, 406-421. | 8.9 | 268 |
| 53 | The origins and radiation of Australian <i>Coptotermes</i> termites: From rainforest to desert dwellers. <i>Molecular Phylogenetics and Evolution</i> , 2015, 82, 234-244. | 2.7 | 25 |
| 54 | Termite (order Blattodea, infraorder Isoptera) baiting 20 years after commercial release. <i>Pest Management Science</i> , 2015, 71, 897-906. | 3.4 | 63 |

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|----|---|------|-----------|
| 55 | Second Record and DNA Barcode of the Ant <i>Tyrannomyrmex rex</i> Fernández (Hymenoptera: Formicidae). <i>Tj ETQq1 1 0.784314 rgBT / Overlock 10 Tf 50 462</i> | 0.5 | 1 |
| 56 | Novel Method for Pairing Wood Samples in Choice Tests. <i>PLoS ONE</i> , 2014, 9, e88835. | 2.5 | 5 |
| 57 | Quantifying Ant Activity Using Vibration Measurements. <i>PLoS ONE</i> , 2014, 9, e90902. | 2.5 | 8 |
| 58 | Microhabitats in the tropics buffer temperature in a globally coherent manner. <i>Biology Letters</i> , 2014, 10, 20140819. | 2.3 | 72 |
| 59 | Microhabitats reduce animal's exposure to climate extremes. <i>Global Change Biology</i> , 2014, 20, 495-503. | 9.5 | 353 |
| 60 | Biology of Invasive Termites: A Worldwide Review. <i>Annual Review of Entomology</i> , 2013, 58, 455-474. | 11.8 | 224 |
| 61 | International Field Trials of Pyrethroid-Treated Wood Exposed to <i>Coptotermes acinaciformis</i> in Australia and <i>Coptotermes formosanus</i> (Isoptera). <i>Tj ETQq1 1 0.784314 rgBT / Overlock 10 Tf 50 462</i> | 1.0 | 10 |
| 62 | Ability of Field Populations of <i>Coptotermes</i> spp., <i>Reticulitermes flavipes</i> , and <i>Mastotermes darwiniensis</i> (Isoptera: Rhinotermitidae). <i>Tj ETQq0 0 0 rgBT / Overlock 10 Tf 50 462</i> | 1.8 | 12 |
| 63 | Economic and Environmental Impacts of Harmful Non-Indigenous Species in Southeast Asia. <i>PLoS ONE</i> , 2013, 8, e71255. | 2.5 | 103 |
| 64 | 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 |
| 65 | Resistance of polyamide and polyethylene cable sheathings to termites in Australia, Thailand, USA, Malaysia and Japan: A comparison of four field assessment methods. <i>International Biodeterioration and Biodegradation</i> , 2012, 66, 53-62. | 3.9 | 18 |
| 66 | Foraging choice and replacement reproductives facilitate invasiveness in drywood termites. <i>Biological Invasions</i> , 2011, 13, 1579-1587. | 2.4 | 20 |
| 67 | A microsatellite-based test of the <i>Reticulitermes speratus</i> genetic caste determination model in <i>Coptotermes lacteus</i> . <i>Insectes Sociaux</i> , 2011, 58, 365-370. | 1.2 | 0 |
| 68 | Ants and termites increase crop yield in a dry climate. <i>Nature Communications</i> , 2011, 2, 262. | 12.8 | 178 |
| 69 | Antennal cropping during colony foundation in termites. <i>ZooKeys</i> , 2011, 148, 185-196. | 1.1 | 9 |
| 70 | Invasive Termites. , 2010, , 519-562. | | 16 |
| 71 | Cryoprotection in dampwood termites (Termopsidae, Isoptera). <i>Journal of Insect Physiology</i> , 2010, 56, 1-7. | 2.0 | 19 |
| 72 | Rapid Elimination of Field Colonies of Subterranean Termites (Isoptera: Rhinotermitidae) Using Bistrifluron Solid Bait Pellets. <i>Journal of Economic Entomology</i> , 2010, 103, 423-432. | 1.8 | 32 |

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|----|--|-----|-----------|
| 73 | Differential Use of Identical Food Resources by <i>Reticulitermes flavipes</i> (Isoptera: Termitidae). <i>Journal of Economic Entomology</i> , 2009, 102, 121-126. | 1.4 | 21 |
| 74 | Termites eavesdrop to avoid competitors. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 4035-4041. | 2.6 | 62 |
| 75 | Effect of Vibratory Soldier Alarm Signals on the Foraging Behavior of Subterranean Termites (Isoptera: Rhinotermitidae). <i>Journal of Economic Entomology</i> , 2009, 102, 121-126. | 1.8 | 26 |
| 76 | Optimal Reproduction Strategies in Two Species of Mound-Building Termites. <i>Bulletin of Mathematical Biology</i> , 2008, 70, 189-209. | 1.9 | 3 |
| 77 | Nestmate relatedness and population genetic structure of the Australian social crab spider <i>Diaea ergandros</i> (Araneae: Thomisidae). <i>Molecular Ecology</i> , 2008, 11, 2307-2316. | 3.9 | 23 |
| 78 | The phylogeny of termites (Dictyoptera: Isoptera) based on mitochondrial and nuclear markers: Implications for the evolution of the worker and pseudergate castes, and foraging behaviors. <i>Molecular Phylogenetics and Evolution</i> , 2008, 48, 615-627. | 2.7 | 164 |
| 79 | Termites live in a material world: exploration of their ability to differentiate between food sources. <i>Journal of the Royal Society Interface</i> , 2007, 4, 735-744. | 3.4 | 25 |
| 80 | Phylogenetic diversity of the intracellular symbiont <i>Wolbachia</i> in termites. <i>Molecular Phylogenetics and Evolution</i> , 2007, 44, 461-466. | 2.7 | 34 |
| 81 | Cannibalism and kin recognition in <i>Delena cancerides</i> (Araneae: Sparassidae), a social huntsman spider. <i>Journal of Zoology</i> , 2007, 271, 233-237. | 1.7 | 22 |
| 82 | Foraging vibration signals attract foragers and identify food size in the drywood termite, <i>Cryptotermes secundus</i> . <i>Insectes Sociaux</i> , 2007, 54, 374-382. | 1.2 | 60 |
| 83 | The effect of bait design on bait consumption in termites (Isoptera: Rhinotermitidae). <i>Bulletin of Entomological Research</i> , 2006, 96, 85-90. | 1.0 | 29 |
| 84 | Foraging and building in subterranean termites: task switchers or reserve labourers?. <i>Insectes Sociaux</i> , 2006, 53, 56-64. | 1.2 | 29 |
| 85 | Termites assess wood size by using vibration signals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 3732-3737. | 7.1 | 109 |
| 86 | Comparing mark-recapture and constant removal protocols for estimating forager population size of the subterranean termite <i>Coptotermes lacteus</i> (Isoptera: Rhinotermitidae). <i>Bulletin of Entomological Research</i> , 2004, 94, 1-9. | 1.0 | 11 |
| 87 | The influence of soil heterogeneity on exploratory tunnelling by the subterranean termite <i>Coptotermes frenchi</i> (Isoptera: Rhinotermitidae). <i>Bulletin of Entomological Research</i> , 2003, 93, 413-423. | 1.0 | 39 |
| 88 | Novel methods of termite management: application to cultural properties. <i>AICCM Bulletin</i> , 2003, 28, 52-61. | 0.1 | 0 |
| 89 | Tunnel specificity and forager movement in subterranean termites (Isoptera: Rhinotermitidae) and <i>Reticulitermes flavipes</i> (Isoptera: Termitidae). <i>Journal of Economic Entomology</i> , 2003, 96, 121-126. | 1.0 | 19 |
| 90 | Seasonal and daily activity patterns of subterranean, wood-eating termite foragers. <i>Australian Journal of Zoology</i> , 2001, 49, 311. | 1.0 | 41 |

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|-----|--|------|-----------|
| 91 | Microsatellite markers in the primitive termite <i>Mastotermes darwiniensis</i> . <i>Molecular Ecology Notes</i> , 2001, 1, 250-251. | 1.7 | 10 |
| 92 | Estimating Relative Decline in Populations of Subterranean Termites (Isoptera: Rhinotermitidae) Due To Baiting. <i>Journal of Economic Entomology</i> , 2001, 94, 1602-1609. | 1.8 | 15 |
| 93 | Male work and sex ratio in social crab spiders. <i>Insectes Sociaux</i> , 2000, 47, 285-288. | 1.2 | 11 |
| 94 | Kin recognition in a social spider. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1999, 266, 287-292. | 2.6 | 56 |
| 95 | Estimating Population Size and Forager Movement in a Tropical Subterranean Termite (Isoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 1.4 47 | 1.4 | 47 |
| 96 | Factors influencing the evolution of social behaviour in Australian crab spiders (Araneae:) Tj ETQq0 0 0 rgBT /Overlock 1.6 10 Tf 50 542 Td (| 1.6 | 35 |
| 97 | Testing assumptions of mark-recapture protocols for estimating population size using Australian mound-building, subterranean termites. <i>Ecological Entomology</i> , 1998, 23, 139-159. | 2.2 | 61 |
| 98 | Factors influencing the evolution of social behaviour in Australian crab spiders (Araneae:) Tj ETQq0 0 0 rgBT /Overlock 1.6 10 Tf 50 462 Td (| 1.6 | 6 |
| 99 | Distribution of social crab spiders in eucalypt forests. <i>Austral Ecology</i> , 1997, 22, 107-111. | 1.5 | 25 |
| 100 | Foraging strategies in orb-spinning spiders: Ambient light and silk decorations in <i>Argiope aetherea</i> Walckenaer (Araneae: Araneoidea). <i>Austral Ecology</i> , 1996, 21, 464-467. | 1.5 | 43 |
| 101 | Making a meal of mother. <i>Nature</i> , 1995, 376, 299-299. | 27.8 | 60 |
| 102 | Attraction between social crab spiders: silk pheromones in <i>Diaea socialis</i> . <i>Behavioral Ecology</i> , 1993, 4, 99-105. | 2.2 | 29 |