Graham J Thompson

List of Publications by Year
in descending order

59 papers	2,601 citations	346980 22 h-index	223390 49 g-index
60 all docs	60 docs citations	60 times ranked	2843 citing authors

#	Article	IF	Citations
1	Differential Selection on Caste-Associated Genes in a Subterranean Termite. Insects, 2022, 13, 224.	1.0	2
2	No obvious transcriptomeâ€wide signature of indirect selection in termites. Journal of Evolutionary Biology, 2021, 34, 403-415.	0.8	4
3	Termites reigned by royals close ranks. Insectes Sociaux, 2021, 68, 1-2.	0.7	1
4	Meta-analysis on the effect of bacterial interventions on honey bee productivity and the treatment of infection. Apidologie, 2021, 52, 960-972.	0.9	4
5	Caste Differentiation: Genetic and Epigenetic Factors. , 2021, , 165-176.		4
6	Novel probiotic approach to counter Paenibacillus larvae infection in honey bees. ISME Journal, 2020, 14, 476-491.	4.4	95
7	Lactobacillus spp. attenuate antibiotic-induced immune and microbiota dysregulation in honey bees. Communications Biology, 2020, 3, 534.	2.0	48
8	Missing Microbes in Bees: How Systematic Depletion of Key Symbionts Erodes Immunity. Trends in Microbiology, 2020, 28, 1010-1021.	3.5	74
9	Relish as a Candidate Marker for Transgenerational Immune Priming in a Dampwood Termite (Blattodae: Archeotermopsidae). Insects, 2020, 11, 149.	1.0	7
10	Understanding the Effects of Sublethal Pesticide Exposure on Honey Bees: A Role for Probiotics as Mediators of Environmental Stress. Frontiers in Ecology and Evolution, 2020, 8, .	1.1	61
11	Gene-regulatory context of honey bee worker sterility. BioSystems, 2020, 198, 104235.	0.9	1
12	Analysis of the Drosophila melanogaster antiâ€ovarian response to honey bee queen mandibular pheromone. Insect Molecular Biology, 2019, 28, 99-111.	1.0	10
13	Taxonomy of the genus Longipeditermes Holmgren (Termitidae, Nasutitermitinae) from the Greater Sundas, Southeast Asia. Zoosystematics and Evolution, 2019, 95, 309-318.	0.4	1
14	Testing for aggression and nestmate recognition in the Eastern subterranean termite (Reticulitermes) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.7	8
15	Soldierâ€biased gene expression in a subterranean termite implies functional specialization of the defensive caste. Evolution & Development, 2018, 20, 3-16.	1.1	14
16	From gene list to gene network: Recognizing functional connections that regulate behavioral traits. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2018, 330, 317-329.	0.6	4
17	Caste-biased genes in a subterranean termite are taxonomically restricted: implications for novel gene recruitment during termite caste evolution. Insectes Sociaux, 2018, 65, 593-599.	0.7	7
18	Sexual response of male Drosophila to honey bee queen mandibular pheromone: implications for genetic studies of social insects. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2017, 203, 143-149.	0.7	8

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19	The association between oxidative stress-induced galectins and differentiation of human promyelocytic HL-60 cells. Experimental Cell Research, 2017, 355, 113-123.	1.2	19
20	Drosophila As a Genetically Tractable Model for Social Insect Behavior. Frontiers in Ecology and Evolution, 2016, 4, .	1.1	11
21	Editorial: Genetic Effects on Social Traits: Empirical Studies from Social Animals. Frontiers in Ecology and Evolution, 2016, 4, .	1.1	3
22	A novel screen for genes associated with pheromone-induced sterility. Scientific Reports, 2016, 6, 36041.	1.6	10
23	Structure and function of gene regulatory networks associated with worker sterility in honeybees. Ecology and Evolution, 2016, 6, 1692-1701.	0.8	12
24	A new species of open-air processional column termite, Hospitalitermes nigriantennalis sp. n. (Termitidae), from Borneo. ZooKeys, 2016, 554, 27-36.	0.5	3
25	Understanding Honey Bee Worker Self-Sacrifice. Advances in Insect Physiology, 2015, , 325-354.	1.1	9
26	Social context affects immune gene expression in a subterranean termite. Insectes Sociaux, 2015, 62, 167-170.	0.7	11
27	Gene co-citation networks associated with worker sterility in honey bees. BMC Systems Biology, 2014, 8, 38.	3.0	12
28	How flies respond to honey bee pheromone: the role of the foraging gene on reproductive response to queen mandibular pheromone. Die Naturwissenschaften, 2014, 101, 25-31.	0.6	14
29	Genes underlying altruism. Biology Letters, 2013, 9, 20130395.	1.0	47
30	Honey bee queen mandibular pheromone inhibits ovary development and fecundity in a fruit fly. Entomologia Experimentalis Et Applicata, 2013, 147, 262-268.	0.7	26
31	Cold Tolerance of the Eastern Subterranean Termite,Reticulitermes flavipes(Isoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.7	19
32	A Genetic Test of Sexual Size Dimorphism in Pre-Emergent Chinook Salmon. PLoS ONE, 2013, 8, e78421.	1.1	5
33	Genetic Evidence for Multiple Invasions of the Eastern Subterranean Termite Into Canada. Environmental Entomology, 2012, 41, 1680-1686.	0.7	14
34	IDENTIFICATION OF MYCOSISâ€RELATED GENES IN THE <scp>E</scp>ASTERN SUBTERRANEAN TERMITE BY SUPPRESSION SUBTRACTIVE HYBRIDIZATION. Archives of Insect Biochemistry and Physiology, 2012, 80, 63-76.	0.6	13
35	Factors affecting ovary activation in honey bee workers: a meta-analysis. Insectes Sociaux, 2012, 59, 381-388.	0.7	20
36	Effect of group size and caste ratio on individual survivorship and social immunity in a subterranean termite. Acta Ethologica, 2012, 15, 55-63.	0.4	15

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37	Inclusive fitness theory and eusociality. Nature, 2011, 471, E1-E4.	13.7	339
38	Trap response and genetic structure of eastern subterranean termites (Isoptera: Rhinotermitidae) in Point Pelee National Park, Ontario, Canada. Canadian Entomologist, 2011, 143, 263-271.	0.4	11
39	PROFESSOR ROSSITER H. CROZIER 1943-2009. Evolution; International Journal of Organic Evolution, 2009, 64, 869-870.	1.1	0
40	Genomeâ€wide analysis of genes related to ovary activation in worker honey bees. Insect Molecular Biology, 2008, 17, 657-665.	1.0	37
41	Four Quantitative Trait Loci That Influence Worker Sterility in the Honeybee (Apis mellifera). Genetics, 2008, 179, 1337-1343.	1.2	33
42	Molecular-genetic analyses of dispersal and breeding behaviour in the Australian termite Coptotermes lacteus: evidence for non-random mating in a swarm-dispersal mating system. Australian Journal of Zoology, 2007, 55, 219.	0.6	25
43	Save Isoptera: A comment on Inward et al .. Biology Letters, 2007, 3, 562-563.	1.0	65
44	Experimental manipulation of ovary activation and gene expression in honey bee (Apis mellifera) queens and workers: testing hypotheses of reproductive regulation. Journal of Experimental Zoology, 2007, 307A, 600-610.	1.2	61
45	Towards a molecular definition of worker sterility: differential gene expression and reproductive plasticity in honey bees. Insect Molecular Biology, 2006, 15, 537-644.	1.0	49
46	Immune pathways and defence mechanisms in honey bees Apis mellifera. Insect Molecular Biology, 2006, 15, 645-656.	1.0	855
47	Evidence for reproductive isolation between two colour morphs of cavity nesting honey bees (Apis) in south India. Insectes Sociaux, 2006, 53, 428-434.	0.7	16
48	Kin selection in disguise?. Insectes Sociaux, 2006, 53, 496-497.	0.7	8
49	Behavioural Genetics of the Honey Bee Apis mellifera. Advances in Insect Physiology, 2006, , 1-49.	1.1	40
50	Foraging behaviour of western sandpipers changes with sediment temperature: implications for their hemispheric distribution. Ecological Research, 2005, 20, 503-507.	0.7	23
51	Effects of carbon dioxide narcosis on ovary activation and gene expression in worker honeybees, Apis mellifera. Journal of Insect Science, 2005, 5, 36.	0.6	47
52	Evaluating alternative hypotheses for the origin of eusociality in corbiculate bees. Molecular Phylogenetics and Evolution, 2004, 33, 452-456.	1.2	23
53	On the origin of termite workers: weighing up the phylogenetic evidence. Journal of Evolutionary Biology, 2003, 17, 217-220.	0.8	26
54	Isolation and characterization of a termite transferrin gene up-regulated on infection. Insect Molecular Biology, 2003, 12, 1-7.	1.0	79

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55	Phylogenetic Analysis and Trait Evolution in Australian Lineages of Drywood Termites (Isoptera,) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.2	65
56	Microsatellites in the subterranean, mound-building termiteCoptotermes lacteus(Isoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td	2.0	12
57	Phylogenetic evidence for a single, ancestral origin of a 'true' worker caste in termites. Journal of Evolutionary Biology, 2000, 13, 869-881.	0.8	93
58	Probing termite social systems through allozyme and mtDNA analysis: a case study of Nasutitermes nigriceps and Nasutitermes costalis (Isoptera, Termitidae). Insectes Sociaux, 1998, 45, 289-299.	0.7	27
59	Population genetic structure of the Neotropical termite Nasutitermes nigriceps (Isoptera: Termitidae). Heredity, 1998, 80, 48-55.	1.2	51