

Graham J Thompson

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

2,601
citations

304743

22
h-index

197818

49
g-index

60
all docs

60
docs citations

60
times ranked

2568
citing authors

#	ARTICLE	IF	CITATIONS
1	Immune pathways and defence mechanisms in honey bees <i>Apis mellifera</i> . <i>Insect Molecular Biology</i> , 2006, 15, 645-656.	2.0	855
2	Inclusive fitness theory and eusociality. <i>Nature</i> , 2011, 471, E1-E4.	27.8	339
3	Novel probiotic approach to counter <i>Paenibacillus larvae</i> infection in honey bees. <i>ISME Journal</i> , 2020, 14, 476-491.	9.8	95
4	Phylogenetic evidence for a single, ancestral origin of a 'true' worker caste in termites. <i>Journal of Evolutionary Biology</i> , 2000, 13, 869-881.	1.7	93
5	Isolation and characterization of a termite transferrin gene up-regulated on infection. <i>Insect Molecular Biology</i> , 2003, 12, 1-7.	2.0	79
6	Missing Microbes in Bees: How Systematic Depletion of Key Symbionts Erodes Immunity. <i>Trends in Microbiology</i> , 2020, 28, 1010-1021.	7.7	74
7	Phylogenetic Analysis and Trait Evolution in Australian Lineages of Drywood Termites (Isoptera,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 2.7 65	2.7	65
8	Save Isoptera: A comment on Inward et al. <i>.. Biology Letters</i> , 2007, 3, 562-563.	2.3	65
9	Experimental manipulation of ovary activation and gene expression in honey bee (<i>Apis mellifera</i>) queens and workers: testing hypotheses of reproductive regulation. <i>Journal of Experimental Zoology</i> , 2007, 307A, 600-610.	1.2	61
10	Understanding the Effects of Sublethal Pesticide Exposure on Honey Bees: A Role for Probiotics as Mediators of Environmental Stress. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	2.2	61
11	Population genetic structure of the Neotropical termite <i>Nasutitermes nigriceps</i> (Isoptera: Termitidae). <i>Heredity</i> , 1998, 80, 48-55.	2.6	51
12	Towards a molecular definition of worker sterility: differential gene expression and reproductive plasticity in honey bees. <i>Insect Molecular Biology</i> , 2006, 15, 537-644.	2.0	49
13	<i>Lactobacillus</i> spp. attenuate antibiotic-induced immune and microbiota dysregulation in honey bees. <i>Communications Biology</i> , 2020, 3, 534.	4.4	48
14	Effects of carbon dioxide narcosis on ovary activation and gene expression in worker honeybees, <i>Apis mellifera</i> . <i>Journal of Insect Science</i> , 2005, 5, 36.	1.5	47
15	Genes underlying altruism. <i>Biology Letters</i> , 2013, 9, 20130395.	2.3	47
16	Behavioural Genetics of the Honey Bee <i>Apis mellifera</i> . <i>Advances in Insect Physiology</i> , 2006, , 1-49.	2.7	40
17	Genome-wide analysis of genes related to ovary activation in worker honey bees. <i>Insect Molecular Biology</i> , 2008, 17, 657-665.	2.0	37
18	Four Quantitative Trait Loci That Influence Worker Sterility in the Honeybee (<i>Apis mellifera</i>). <i>Genetics</i> , 2008, 179, 1337-1343.	2.9	33

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19	Probing termite social systems through allozyme and mtDNA analysis: a case study of <i>Nasutitermes nigriceps</i> and <i>Nasutitermes costalis</i> (Isoptera, Termitidae). <i>Insectes Sociaux</i> , 1998, 45, 289-299.	1.2	27
20	On the origin of termite workers: weighing up the phylogenetic evidence. <i>Journal of Evolutionary Biology</i> , 2003, 17, 217-220.	1.7	26
21	Honey bee queen mandibular pheromone inhibits ovary development and fecundity in a fruit fly. <i>Entomologia Experimentalis Et Applicata</i> , 2013, 147, 262-268.	1.4	26
22	Molecular-genetic analyses of dispersal and breeding behaviour in the Australian termite <i>Coptotermes lacteus</i> : evidence for non-random mating in a swarm-dispersal mating system. <i>Australian Journal of Zoology</i> , 2007, 55, 219.	1.0	25
23	Evaluating alternative hypotheses for the origin of eusociality in corbiculate bees. <i>Molecular Phylogenetics and Evolution</i> , 2004, 33, 452-456.	2.7	23
24	Foraging behaviour of western sandpipers changes with sediment temperature: implications for their hemispheric distribution. <i>Ecological Research</i> , 2005, 20, 503-507.	1.5	23
25	Factors affecting ovary activation in honey bee workers: a meta-analysis. <i>Insectes Sociaux</i> , 2012, 59, 381-388.	1.2	20
26	Cold Tolerance of the Eastern Subterranean Termite, <i>Reticulitermes flavipes</i> (Isoptera: Termitidae). <i>Journal of Insect Physiology</i> , 2011, 57, 462-470.	1.4	19
27	The association between oxidative stress-induced galectins and differentiation of human promyelocytic HL-60 cells. <i>Experimental Cell Research</i> , 2017, 355, 113-123.	2.6	19
28	Evidence for reproductive isolation between two colour morphs of cavity nesting honey bees (<i>Apis</i>) in south India. <i>Insectes Sociaux</i> , 2006, 53, 428-434.	1.2	16
29	Effect of group size and caste ratio on individual survivorship and social immunity in a subterranean termite. <i>Acta Ethologica</i> , 2012, 15, 55-63.	0.9	15
30	Genetic Evidence for Multiple Invasions of the Eastern Subterranean Termite Into Canada. <i>Environmental Entomology</i> , 2012, 41, 1680-1686.	1.4	14
31	How flies respond to honey bee pheromone: the role of the foraging gene on reproductive response to queen mandibular pheromone. <i>Die Naturwissenschaften</i> , 2014, 101, 25-31.	1.6	14
32	Soldier-biased gene expression in a subterranean termite implies functional specialization of the defensive caste. <i>Evolution & Development</i> , 2018, 20, 3-16.	2.0	14
33	IDENTIFICATION OF MYCOSIS-RELATED GENES IN THE EASTERN SUBTERRANEAN TERMITE BY SUPPRESSION SUBTRACTIVE HYBRIDIZATION. <i>Archives of Insect Biochemistry and Physiology</i> , 2012, 80, 63-76.	1.5	13
34	Microsatellites in the subterranean, mound-building termite <i>Coptotermes lacteus</i> (Isoptera: Termitidae). <i>Journal of Insect Physiology</i> , 2011, 57, 142-149.	3.9	12
35	Gene co-citation networks associated with worker sterility in honey bees. <i>BMC Systems Biology</i> , 2014, 8, 38.	3.0	12
36	Structure and function of gene regulatory networks associated with worker sterility in honeybees. <i>Ecology and Evolution</i> , 2016, 6, 1692-1701.	1.9	12

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37	Trap response and genetic structure of eastern subterranean termites (Isoptera: Rhinotermitidae) in Point Pelee National Park, Ontario, Canada. <i>Canadian Entomologist</i> , 2011, 143, 263-271.	0.8	11
38	Social context affects immune gene expression in a subterranean termite. <i>Insectes Sociaux</i> , 2015, 62, 167-170.	1.2	11
39	Drosophila As a Genetically Tractable Model for Social Insect Behavior. <i>Frontiers in Ecology and Evolution</i> , 2016, 4, .	2.2	11
40	A novel screen for genes associated with pheromone-induced sterility. <i>Scientific Reports</i> , 2016, 6, 36041.	3.3	10
41	Analysis of the <i>Drosophila melanogaster</i> anti-ovarian response to honey bee queen mandibular pheromone. <i>Insect Molecular Biology</i> , 2019, 28, 99-111.	2.0	10
42	Understanding Honey Bee Worker Self-Sacrifice. <i>Advances in Insect Physiology</i> , 2015, , 325-354.	2.7	9
43	Kin selection in disguise?. <i>Insectes Sociaux</i> , 2006, 53, 496-497.	1.2	8
44	Sexual response of male <i>Drosophila</i> to honey bee queen mandibular pheromone: implications for genetic studies of social insects. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2017, 203, 143-149.	1.6	8
45	Testing for aggression and nestmate recognition in the Eastern subterranean termite (<i>Reticulitermes</i>) Tj ETQq1 1 0,784314 rgBT /Ove	1.2	8
46	Caste-biased genes in a subterranean termite are taxonomically restricted: implications for novel gene recruitment during termite caste evolution. <i>Insectes Sociaux</i> , 2018, 65, 593-599.	1.2	7
47	Relish as a Candidate Marker for Transgenerational Immune Priming in a Dampwood Termite (Blattodea: Archeotermopsidae). <i>Insects</i> , 2020, 11, 149.	2.2	7
48	A Genetic Test of Sexual Size Dimorphism in Pre-Emergent Chinook Salmon. <i>PLoS ONE</i> , 2013, 8, e78421.	2.5	5
49	From gene list to gene network: Recognizing functional connections that regulate behavioral traits. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2018, 330, 317-329.	1.3	4
50	No obvious transcriptome-wide signature of indirect selection in termites. <i>Journal of Evolutionary Biology</i> , 2021, 34, 403-415.	1.7	4
51	Meta-analysis on the effect of bacterial interventions on honey bee productivity and the treatment of infection. <i>Apidologie</i> , 2021, 52, 960-972.	2.0	4
52	Caste Differentiation: Genetic and Epigenetic Factors. , 2021, , 165-176.		4
53	Editorial: Genetic Effects on Social Traits: Empirical Studies from Social Animals. <i>Frontiers in Ecology and Evolution</i> , 2016, 4, .	2.2	3
54	A new species of open-air processional column termite, <i>Hospitalitermes nigriantennalis</i> sp. n. (Termitidae), from Borneo. <i>ZooKeys</i> , 2016, 554, 27-36.	1.1	3

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55	Differential Selection on Caste-Associated Genes in a Subterranean Termite. <i>Insects</i> , 2022, 13, 224.	2.2	2
56	Termites reigned by royals close ranks. <i>Insectes Sociaux</i> , 2021, 68, 1-2.	1.2	1
57	Taxonomy of the genus <i>Longipeditermes</i> Holmgren (Termitidae, Nasutitermitinae) from the Greater Sundas, Southeast Asia. <i>Zoosystematics and Evolution</i> , 2019, 95, 309-318.	1.1	1
58	Gene-regulatory context of honey bee worker sterility. <i>BioSystems</i> , 2020, 198, 104235.	2.0	1
59	PROFESSOR ROSSITER H. CROZIER 1943-2009. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 64, 869-870.	2.3	0