

H Michael G Lattorff

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

4,775
citations

331670

21
h-index

118850

62
g-index

71
all docs

71
docs citations

71
times ranked

5213
citing authors

#	ARTICLE	IF	CITATIONS
1	Insights into social insects from the genome of the honeybee <i>Apis mellifera</i> . <i>Nature</i> , 2006, 443, 931-949.	27.8	1,648
2	The genome of the model beetle and pest <i>Tribolium castaneum</i> . <i>Nature</i> , 2008, 452, 949-955.	27.8	1,255
3	The genomes of two key bumblebee species with primitive eusocial organization. <i>Genome Biology</i> , 2015, 16, 76.	8.8	330
4	A global-scale expert assessment of drivers and risks associated with pollinator decline. <i>Nature Ecology and Evolution</i> , 2021, 5, 1453-1461.	7.8	173
5	A depauperate immune repertoire precedes evolution of sociality in bees. <i>Genome Biology</i> , 2015, 16, 83.	8.8	130
6	Unity in defence: honeybee workers exhibit conserved molecular responses to diverse pathogens. <i>BMC Genomics</i> , 2017, 18, 207.	2.8	100
7	A single locus determines thelytokous parthenogenesis of laying honeybee workers (<i>Apis mellifera</i>) Tj ETQq1 1 0.784314 rgBTJ/Overlock	2.6	87
8	Dynamics of Immune System Gene Expression upon Bacterial Challenge and Wounding in a Social Insect (<i>Bombus terrestris</i>). <i>PLoS ONE</i> , 2011, 6, e18126.	2.5	85
9	Control of reproductive dominance by the thelytoky gene in honeybees. <i>Biology Letters</i> , 2007, 3, 292-295.	2.3	77
10	Caste development and reproduction: a genome-wide analysis of hallmarks of insect eusociality. <i>Insect Molecular Biology</i> , 2006, 15, 703-714.	2.0	73
11	Rare royal families in honeybees, <i>Apis mellifera</i> . <i>Die Naturwissenschaften</i> , 2005, 92, 488-491.	1.6	52
12	Honeybee workers (<i>Apis mellifera capensis</i>) compete for producing queen-like pheromone signals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, S98-100.	2.6	50
13	A microsatellite DNA toolkit for studying population structure in <i>Apis mellifera</i> . <i>Molecular Ecology Resources</i> , 2008, 8, 1034-1036.	4.8	50
14	Recognition and Avoidance of Contaminated Flowers by Foraging Bumblebees (<i>Bombus terrestris</i>). <i>PLoS ONE</i> , 2011, 6, e26328.	2.5	47
15	Genetic underpinnings of division of labor in the honeybee (<i>Apis mellifera</i>). <i>Trends in Genetics</i> , 2013, 29, 641-648.	6.7	42
16	Comparative analysis of detection limits and specificity of molecular diagnostic markers for three pathogens (Microsporidia, <i>Nosema</i> spp.) in the key pollinators <i>Apis mellifera</i> and <i>Bombus terrestris</i> . <i>Parasitology Research</i> , 2012, 110, 1403-1410.	1.6	31
17	Detection of the spotted wing drosophila, <i>Drosophila suzukii</i> , in continental sub-Saharan Africa. <i>Journal of Pest Science</i> , 2021, 94, 251-259.	3.7	31
18	Four quantitative trait loci associated with low <i>Nosema ceranae</i> (Microsporidia) spore load in the honeybee <i>Apis mellifera</i> . <i>Apidologie</i> , 2014, 45, 248-256.	2.0	29

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19	Seasonal variability of prevalence and occurrence of multiple infections shape the population structure of <i>Crithidia bombi</i> , an intestinal parasite of bumblebees (<i>Bombus</i> spp.). <i>MicrobiologyOpen</i> , 2012, 1, 362-372.	3.0	28
20	Bioactive constituents, <i>in vitro</i> radical scavenging and antibacterial activities of selected <i>Apis mellifera</i> honey from Kenya. <i>International Journal of Food Science and Technology</i> , 2020, 55, 1246-1254.	2.7	28
21	The degree of parasitism of the bumblebee (<i>Bombus terrestris</i>) by cuckoo bumblebees (<i>Bombus</i>)	1.2	26
22	Rapid evolution of antimicrobial peptide genes in an insect host-social parasite system. <i>Infection, Genetics and Evolution</i> , 2014, 23, 129-137.	2.3	25
23	A selective sweep in a <i>Varroa destructor</i> resistant honeybee (<i>Apis mellifera</i>) population. <i>Infection, Genetics and Evolution</i> , 2015, 31, 169-176.	2.3	21
24	African honeybee royal jelly: Phytochemical contents, free radical scavenging activity, and physicochemical properties. <i>Food Bioscience</i> , 2020, 37, 100733.	4.4	21
25	A Quantitative In Vitro Cultivation Technique to Determine Cell Number and Growth Rates in Strains of <i>Crithidia bombi</i> (Trypanosomatidae), a Parasite of Bumblebees. <i>Journal of Eukaryotic Microbiology</i> , 2011, 58, 7-10.	1.7	20
26	Social parasitism of queens and workers in the Cape honeybee (<i>Apis mellifera capensis</i>). <i>Behavioral Ecology and Sociobiology</i> , 2011, 65, 735-740.	1.4	20
27	Sex, horizontal transmission, and multiple hosts prevent local adaptation of <i>Crithidia bombi</i> , a parasite of bumblebees (<i>Bombus</i> spp.). <i>Ecology and Evolution</i> , 2012, 2, 930-940.	1.9	20
28	<i>Varroa</i> -specific hygienic behavior of <i>Apis mellifera scutellata</i> in Kenya. <i>Apidologie</i> , 2018, 49, 439-449.	2.0	20
29	Social context-dependent immune gene expression in bumblebees (<i>Bombus terrestris</i>). <i>Behavioral Ecology and Sociobiology</i> , 2012, 66, 791-796.	1.4	19
30	A selective sweep in a microsporidian parasite <i>Nosema</i> -tolerant honeybee population, <i>Apis mellifera</i> . <i>Animal Genetics</i> , 2014, 45, 267-273.	1.7	19
31	Paternity skew in seven species of honeybees (Hymenoptera: Apidae: Apis). <i>Apidologie</i> , 2005, 36, 201-209.	2.0	19
32	Thelytoky in Cape honeybees (<i>Apis mellifera capensis</i>) is controlled by a single recessive locus. <i>Apidologie</i> , 2017, 48, 401-410.	2.0	18
33	Comparative analyses of the major royal jelly protein gene cluster in three <i>Apis</i> species with long amplicon sequencing. <i>DNA Research</i> , 2017, 24, 279-287.	3.4	18
34	A technical note for using microsatellite DNA analyses in haploid male DNA pools of social Hymenoptera. <i>Insectes Sociaux</i> , 2003, 50, 398-400.	1.2	13
35	The relative contributions of host density and genetic diversity on prevalence of a multi-host parasite in bumblebees. <i>Biological Journal of the Linnean Society</i> , 2018, 125, 900-910.	1.6	11
36	Trapping pheromonal components with silicone rubber tubes: fatty acid secretions in honeybees (<i>Apis</i>)	1.1	10

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37	Pollinator supplementation mitigates pollination deficits in smallholder avocado (<i>Persea americana</i>) Tj ETQq1 1 0.784314 rgBT ₁₀ /Overl	2.7	10
38	Social scent marks do not improve avoidance of parasites in foraging bumblebees. <i>Journal of Experimental Biology</i> , 2012, 216, 285-91.	1.7	8
39	OUP accepted manuscript. <i>Journal of Economic Entomology</i> , 2022, 115, 46-55.	1.8	8
40	Floral turnover and climate drive seasonal bee diversity along a tropical elevation gradient. <i>Ecosphere</i> , 2022, 13, .	2.2	7
41	Contrasting Evolutionary Rates between Social and Parasitic Bumblebees for Three Social Effect Genes. <i>Frontiers in Ecology and Evolution</i> , 2016, 4, .	2.2	6
42	Use of earth observation satellite data to guide the implementation of integrated pest and pollinator management (IPPM) technologies in an avocado production system. <i>Remote Sensing Applications: Society and Environment</i> , 2021, 23, 100566.	1.5	6
43	Reproductive Biology of the Cape Honeybee: A Critique of Beekman et al.: A critique of "Asexually Produced Cape Honeybee Queens (<i>Apis mellifera capensis</i>) Reproduce Sexually," authors: Madeleine Beekman, Michael H. Allsopp, Julianne Lim, Frances Goudie, and Benjamin P. Oldroyd. <i>Journal of Heredity</i> , 2011;102(5):562-566. <i>Journal of Heredity</i> , 2012, 103, 612-614.	2.4	5
44	Patterns of molecular evolution of RNAi genes in social and socially parasitic bumblebees. <i>Infection, Genetics and Evolution</i> , 2016, 42, 53-59.	2.3	5
45	The Invasion of the Dwarf Honeybee, <i>Apis florea</i> , along the River Nile in Sudan. <i>Insects</i> , 2019, 10, 405.	2.2	5
46	Recombination Rate and AT-content Show Opposite Correlations in Mammalian and Other Animal Genomes. <i>Evolutionary Biology</i> , 2008, 35, 146-149.	1.1	4
47	Context dependent bias in honeybee queen selection: swarm versus emergency queens. <i>Behavioral Ecology and Sociobiology</i> , 2016, 70, 1411-1417.	1.4	4
48	Effective population size as a driver for divergence of an antimicrobial peptide (Hymenoptaecin) in two common European bumblebee species. <i>Biological Journal of the Linnean Society</i> , 2016, 119, 299-310.	1.6	4
49	Shared reproduction and sex ratio adjustment to clutch size in a socially polymorphic orchid bee. <i>Ethology</i> , 2020, 126, 88-96.	1.1	4
50	Tissue Specificity in Social Context-Dependent lysozyme Expression in Bumblebees. <i>Antibiotics</i> , 2020, 9, 130.	3.7	4
51	Abundance and community composition of flower visiting insects of avocado (<i>Persea americana</i> Mill) in the East African region. <i>International Journal of Tropical Insect Science</i> , 0, , 1.	1.0	4
52	Pollen diversity and protein content in differentially degraded semi-arid landscapes in Kenya. <i>Journal of Apicultural Research</i> , 2021, 60, 828-841.	1.5	4
53	Comparison of two molecular diagnostic tools for the quantification of <i>C. rithidia bombi</i> , a parasite of bumblebees. <i>Entomologia Experimentalis Et Applicata</i> , 2014, 150, 191-197.	1.4	3
54	Coexistence of honeybees with distinct mitochondrial haplotypes and hybridised nuclear genomes on the Comoros Islands. <i>Die Naturwissenschaften</i> , 2021, 108, 17.	1.6	3

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55	Interactions between integrated pest management, pollinator introduction, and landscape context on avocado <i>Persea americana</i> productivity. <i>Entomologia Generalis</i> , 2022, 42, 579-587.	3.1	3
56	Role of conspecifics and personal experience on behavioral avoidance of contaminated flowers by bumblebees. <i>Environmental Epigenetics</i> , 2019, 65, 447-455.	1.8	2
57	A scientific note on in-hive positioning determines small hive beetle trap efficacy. <i>Journal of Apicultural Research</i> , 0, , 1-2.	1.5	2
58	A fungal-based pesticide does not harm pollination service provided by the African stingless bee <i>Meliponula ferruginea</i> on cucumber (<i>Cucumis sativus</i>). <i>Apidologie</i> , 2022, 53, .	2.0	2
59	Queen developmental time and fitness consequences for queens of clonal social parasitic honeybees (<i>A. m. capensis</i>) and its host <i>A. m. scutellata</i> . <i>Insectes Sociaux</i> , 2005, 52, 238-241.	1.2	1
60	A Scientific Note of Housekeeping Genes for the Primitively Eusocial bee <i>Euglossa viridissima</i> Friese (Apidae: Euglossini). <i>Sociobiology</i> , 2018, 65, 766.	0.5	1
61	Population abundance of <i>Varroa destructor</i> and its effects on <i>Apis mellifera scutellata</i> colonies in Kenya. <i>Experimental and Applied Acarology</i> , 2020, 82, 171-184.	1.6	0
62	Cuckoo bumblebee males might reduce plant fitness. <i>Peer Community in Zoology</i> , 0, , .	0.0	0
63	Influence of the Type of Pollen Diet on the Survival, Body Weight, and Immune Response in the African Honeybee. <i>Journal of Apicultural Science</i> , 2022, 66, 29-43.	0.4	0