

The genomes of two key bumblebee species with primit

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Molecular tools and bumble bees: revealing hidden details of ecology and evolution in a model system. <i>Molecular Ecology</i> , 2015, 24, 2916-2936.	3.9	64
2	Conservation and modification of genetic and physiological toolkits underpinning diapause in bumble bee queens. <i>Molecular Ecology</i> , 2015, 24, 5596-5615.	3.9	95
3	Task-related differential expression of four cytochrome P450 genes in honeybee appendages. <i>Insect Molecular Biology</i> , 2015, 24, 582-588.	2.0	33
4	The Effect of Oral Administration of dsRNA on Viral Replication and Mortality in <i>Bombus terrestris</i> . <i>Viruses</i> , 2015, 7, 3172-3185.	3.3	48
5	The evolutionary dynamics of major regulators for sexual development among Hymenoptera species. <i>Frontiers in Genetics</i> , 2015, 6, 124.	2.3	18
6	A depauperate immune repertoire precedes evolution of sociality in bees. <i>Genome Biology</i> , 2015, 16, 83.	8.8	130
7	Juvenile hormone and ecdysteroids as major regulators of brain and behavior in bees. <i>Current Opinion in Insect Science</i> , 2015, 12, 26-37.	4.4	37
8	The Physiological and Genomic Bases of Bumble Bee Social Behaviour. <i>Advances in Insect Physiology</i> , 2015, 48, 37-93.	2.7	71
9	Unraveling the venom proteome of the bumblebee (<i>Bombus terrestris</i>) by integrating a combinatorial peptide ligand library approach with FT-ICR MS. <i>Toxicon</i> , 2015, 102, 81-88.	1.6	25
10	The power and promise of applying genomics to honey bee health. <i>Current Opinion in Insect Science</i> , 2015, 10, 124-132.	4.4	42
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12	Genomic signatures of evolutionary transitions from solitary to group living. <i>Science</i> , 2015, 348, 1139-1143.	12.6	357
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15	Chemoreceptor Evolution in Hymenoptera and Its Implications for the Evolution of Eusociality. <i>Genome Biology and Evolution</i> , 2015, 7, 2407-2416.	2.5	141
16	Transcriptome Profile of the Asian Giant Hornet (<i>Vespa mandarinia</i>) Using Illumina HiSeq 4000 Sequencing: <i>De Novo</i> Assembly, Functional Annotation, and Discovery of SSR Markers. <i>International Journal of Genomics</i> , 2016, 2016, 1-15.	1.6	24
17	<i>Drosophila</i> As a Genetically Tractable Model for Social Insect Behavior. <i>Frontiers in Ecology and Evolution</i> , 2016, 4, .	2.2	11
18	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

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19	Transitional Complexity of Social Insect Immunity. <i>Frontiers in Ecology and Evolution</i> , 2016, 4, .	2.2	10
20	Royal Decree: Gene Expression in Trans-Generationally Immune Primed Bumblebee Workers Mimics a Primary Immune Response. <i>PLoS ONE</i> , 2016, 11, e0159635.	2.5	56
21	Gene Expression Dynamics in Major Endocrine Regulatory Pathways along the Transition from Solitary to Social Life in a Bumblebee, <i>Bombus terrestris</i> . <i>Frontiers in Physiology</i> , 2016, 7, 574.	2.8	45
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24	PROTEINS OF THE INTEGUMENTARY SYSTEM OF THE HONEYBEE, <i>Apis mellifera</i>. <i>Archives of Insect Biochemistry and Physiology</i> , 2016, 93, 3-24.	1.5	12
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26	Genome, transcriptome and methylome sequencing of a primitively eusocial wasp reveal a greatly reduced <sc>DNA</sc> methylation system in a social insect. <i>Molecular Ecology</i> , 2016, 25, 1769-1784.	3.9	148
27	Molecular cloning, expression and identification of the promoter regulatory region for the neuropeptide trissin in the nervous system of the silkmoth <i>Bombyx mori</i> . <i>Cell and Tissue Research</i> , 2016, 364, 499-512.	2.9	25
28	Comparative genomic approaches to investigate molecular traits specific to social insects. <i>Current Opinion in Insect Science</i> , 2016, 16, 87-94.	4.4	3
29	Gene expression differences in relation to age and social environment in queen and worker bumble bees. <i>Experimental Gerontology</i> , 2016, 77, 52-61.	2.8	45
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34	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
35	Insect antimicrobial peptides act synergistically to inhibit a trypanosome parasite. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150302.	4.0	50
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38	Differential expression pattern of Vago in bumblebee (<i>Bombus terrestris</i>), induced by virulent and avirulent virus infections. <i>Scientific Reports</i> , 2016, 6, 34200.	3.3	14
39	Genome methylation patterns across castes and generations in a parasitoid wasp. <i>Ecology and Evolution</i> , 2016, 6, 7943-7953.	1.9	20
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45	Are feeding preferences and insecticide resistance associated with the size of detoxifying enzyme families in insect herbivores?. <i>Current Opinion in Insect Science</i> , 2016, 13, 70-76.	4.4	80
46	InÂvivo study of Dicer-2-mediated immune response of the small interfering RNA pathway upon systemic infections of virulent and avirulent viruses in <i>Bombus terrestris</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2016, 70, 127-137.	2.7	50
47	Separation of different pollen types by chemotactile sensing in <i>Bombus terrestris</i> .. <i>Journal of Experimental Biology</i> , 2017, 220, 1435-1442.	1.7	4
48	Molecular Evolution of Insect Sociality: An Eco-Evo-Devo Perspective. <i>Annual Review of Entomology</i> , 2017, 62, 419-442.	11.8	92
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56	The value of new genome references. <i>Experimental Cell Research</i> , 2017, 358, 433-438.	2.6	19
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67	Assessment of pollen rewards by foraging bees. <i>Functional Ecology</i> , 2017, 31, 76-87.	3.6	93
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111	Pollinator parasites and the evolution of floral traits. <i>Ecology and Evolution</i> , 2019, 9, 6722-6737.	1.9	6
112	Methylation and gene expression differences between reproductive and sterile bumblebee workers. <i>Evolution Letters</i> , 2019, 3, 485-499.	3.3	48
113	Pollinator diseases: the <i>Bombus</i> – <i>Crithidia</i> system. , 2019, , 3-31.		11
114	Genome Assembly and Annotation of the <i>Trichoplusia ni</i> Tni-FNL Insect Cell Line Enabled by Long-Read Technologies. <i>Genes</i> , 2019, 10, 79.	2.4	16
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122	The bumble bee microbiome increases survival of bees exposed to selenate toxicity. <i>Environmental Microbiology</i> , 2019, 21, 3417-3429.	3.8	47
123	Conservation of adaptive potential and functional diversity. <i>Conservation Genetics</i> , 2019, 20, 1-5.	1.5	46
124	Caste- and pesticide-specific effects of neonicotinoid pesticide exposure on gene expression in bumblebees. <i>Molecular Ecology</i> , 2019, 28, 1964-1974.	3.9	55
125	Bumblebees are able to perceive amino acids via chemotactile antennal stimulation. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2019, 205, 321-331.	1.6	32
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142	Chromosome-level genome assembly reveals the unique genome evolution of the swimming crab (<i>Portunus trituberculatus</i>). <i>GigaScience</i> , 2020, 9, .	6.4	44
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147	Comparative transcriptome analysis reveals regulatory genes involved in cold tolerance and hypoxic adaptation of high-altitude Tibetan bumblebees. <i>Apidologie</i> , 2020, 51, 1166-1181.	2.0	6
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