Jay D Evans

List of Publications by Year
in descending order

222 papers	27,461 citations	7551 77 h-index	6454 157 g-index
248 all docs	248 docs citations	248 times ranked	18358 citing authors

#	Article	IF	Citations
1	Evolution of genes and genomes on the Drosophila phylogeny. Nature, 2007, 450, 203-218.	13.7	1,886
2	Insights into social insects from the genome of the honeybee Apis mellifera. Nature, 2006, 443, 931-949.	13.7	1,648
3	A Metagenomic Survey of Microbes in Honey Bee Colony Collapse Disorder. Science, 2007, 318, 283-287.	6.0	1,481
4	The genome of the model beetle and pest Tribolium castaneum. Nature, 2008, 452, 949-955.	13.7	1,255
5	Colony Collapse Disorder: A Descriptive Study. PLoS ONE, 2009, 4, e6481.	1.1	933
6	Genome Sequence of the Pea Aphid Acyrthosiphon pisum. PLoS Biology, 2010, 8, e1000313.	2.6	913
7	Immune pathways and defence mechanisms in honey bees Apis mellifera. Insect Molecular Biology, 2006, 15, 645-656.	1.0	855
8	Functional and Evolutionary Insights from the Genomes of Three Parasitoid <i>Nasonia</i> Species. Science, 2010, 327, 343-348.	6.0	808
9	Expression of insulin pathway genes during the period of caste determination in the honey bee, Apis mellifera. Insect Molecular Biology, 2006, 15, 597-602.	1.0	604
10	Dynamic evolution of the innate immune system in Drosophila. Nature Genetics, 2007, 39, 1461-1468.	9.4	400
11	Immunity and other defenses in pea aphids, Acyrthosiphon pisum. Genome Biology, 2010, 11, R21.	13.9	389
12	Pathogen Webs in Collapsing Honey Bee Colonies. PLoS ONE, 2012, 7, e43562.	1.1	387
13	Finding the missing honey bee genes: lessons learned from a genome upgrade. BMC Genomics, 2014, 15, 86.	1.2	375
14	The i5K Initiative: Advancing Arthropod Genomics for Knowledge, Human Health, Agriculture, and the Environment. Journal of Heredity, 2013, 104, 595-600.	1.0	358
15	Genomic signatures of evolutionary transitions from solitary to group living. Science, 2015, 348, 1139-1143.	6.0	357
16	Inclusive fitness theory and eusociality. Nature, 2011, 471, E1-E4.	13.7	339
17	Socialized medicine: Individual and communal disease barriers in honey bees. Journal of Invertebrate Pathology, 2010, 103, S62-S72.	1.5	337
18	The genomes of two key bumblebee species with primitive eusocial organization. Genome Biology, 2015, 16, 76.	3.8	330

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19	Nosema ceranae is a long-present and wide-spread microsporidian infection of the European honey bee (Apis mellifera) in the United States. Journal of Invertebrate Pathology, 2008, 97, 186-188.	1.5	327
20	Bees brought to their knees: microbes affecting honey bee health. Trends in Microbiology, 2011, 19, 614-620.	3.5	312
21	Predictive Markers of Honey Bee Colony Collapse. PLoS ONE, 2012, 7, e32151.	1.1	291
22	Dead or Alive: Deformed Wing Virus and Varroa destructor Reduce the Life Span of Winter Honeybees. Applied and Environmental Microbiology, 2012, 78, 981-987.	1.4	283
23	Differential gene expression between developing queens and workers in the honey bee, Apis mellifera. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 5575-5580.	3.3	275
24	Comparative genomic analysis of the Tribolium immune system. Genome Biology, 2007, 8, R177.	13.9	271
25	Horizontal and vertical transmission of viruses in the honey bee, Apis mellifera. Journal of Invertebrate Pathology, 2006, 92, 152-159.	1.5	257
26	RESIN COLLECTION AND SOCIAL IMMUNITY IN HONEY BEES. Evolution; International Journal of Organic Evolution, 2009, 63, 3016-3022.	1.1	256
27	Colony losses, managed colony population decline, and Colony Collapse Disorder in the United States. Journal of Apicultural Research, 2010, 49, 134-136.	0.7	249
28	The Bee Microbiome: Impact on Bee Health and Model for Evolution and Ecology of Host-Microbe Interactions. MBio, 2016, 7, e02164-15.	1.8	215
29	Direct effect of acaricides on pathogen loads and gene expression levels in honey bees Apis mellifera. Journal of Insect Physiology, 2012, 58, 613-620.	0.9	212
30	Varroa destructor is an effective vector of Israeli acute paralysis virus in the honeybee, Apis mellifera. Journal of General Virology, 2011, 92, 151-155.	1.3	211
31	Changes in transcript abundance relating to colony collapse disorder in honey bees (<i>Apis) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 106, 14790-14795.	3.3	196
32	Genomic Analyses of the Microsporidian Nosema ceranae, an Emergent Pathogen of Honey Bees. PLoS Pathogens, 2009, 5, e1000466.	2.1	194
33	Bacterial Probiotics Induce an Immune Response in the Honey Bee (Hymenoptera: Apidae). Journal of Economic Entomology, 2004, 97, 752-756.	0.8	185
34	Creating a Buzz About Insect Genomes. Science, 2011, 331, 1386-1386.	6.0	185
35	Early gut colonizers shape parasite susceptibility and microbiota composition in honey bee workers. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9345-9350.	3.3	184
36	Unique features of a global human ectoparasite identified through sequencing of the bed bug genome. Nature Communications, 2016, 7, 10165.	5.8	184

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37	Beepath: An ordered quantitative-PCR array for exploring honey bee immunity and disease. Journal of Invertebrate Pathology, 2006, 93, 135-139.	1.5	183
38	Sperm storage and antioxidative enzyme expression in the honey bee, Apis mellifera. Insect Molecular Biology, 2004, 13, 141-146.	1.0	176
39	Israeli Acute Paralysis Virus: Epidemiology, Pathogenesis and Implications for Honey Bee Health. PLoS Pathogens, 2014, 10, e1004261.	2.1	173
40	A hybrid de novo genome assembly of the honeybee, Apis mellifera, with chromosome-length scaffolds. BMC Genomics, 2019, 20, 275.	1.2	171
41	Comparative analysis of serine protease-related genes in the honey bee genome: possible involvement in embryonic development and innate immunity. Insect Molecular Biology, 2006, 15, 603-614.	1.0	170
42	Multiple virus infections in the honey bee and genome divergence of honey bee viruses. Journal of Invertebrate Pathology, 2004, 87, 84-93.	1.5	164
43	Differential gene expression of the honey bee Apis mellifera associated with Varroa destructor infection. BMC Genomics, 2008, 9, 301.	1.2	163
44	Characterization of Two Species of Trypanosomatidae from the Honey Bee <i>Apis mellifera</i>:<i> Crithidia mellificae</i> Langridge and McGhee, and <i>Lotmaria passim</i> n. gen., n. sp.. Journal of Eukaryotic Microbiology, 2015, 62, 567-583.	0.8	152
45	Standard methods for molecular research in<i>Apis mellifera</i>. Journal of Apicultural Research, 2013, 52, 1-54.	0.7	150
46	Expression profiles during honeybee caste determination. Genome Biology, 2000, 2, research0001.1.	13.9	147
47	Transmission of Kashmir bee virus by the ectoparasitic mite Varroa destructor. Apidologie, 2004, 35, 441-448.	0.9	145
48	Asymmetrical coexistence of Nosema ceranae and Nosema apis in honey bees. Journal of Invertebrate Pathology, 2009, 101, 204-209.	1.5	145
49	Multiyear survey targeting disease incidence in US honey bees. Apidologie, 2016, 47, 325-347.	0.9	143
50	The i5k Workspace@NALâ€"enabling genomic data access, visualization and curation of arthropod genomes. Nucleic Acids Research, 2015, 43, D714-D719.	6.5	142
51	Morphological, Molecular, and Phylogenetic Characterization of <i>Nosema ceranae</i>, a Microsporidian Parasite Isolated from the European Honey Bee, <i>Apis mellifera</i>¹. Journal of Eukaryotic Microbiology, 2009, 56, 142-147.	0.8	139
52	Differential expression of immune genes of adult honey bee (Apis mellifera) after inoculated by Nosema ceranae. Journal of Insect Physiology, 2012, 58, 1090-1095.	0.9	138
53	Diverse origins of tetracycline resistance in the honey bee bacterial pathogen Paenibacillus larvae. Journal of Invertebrate Pathology, 2003, 83, 46-50.	1.5	131
54	Antagonistic interactions between honey bee bacterial symbionts and implications for disease. BMC Ecology, 2006, 6, 4.	3.0	130

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55	A depauperate immune repertoire precedes evolution of sociality in bees. Genome Biology, 2015, 16, 83.	3.8	130
56	The invasive Korea and Japan types of Varroa destructor , ectoparasitic mites of the Western honeybee (Apis mellifera), are two partly isolated clones. Proceedings of the Royal Society B: Biological Sciences, 2005, 272, 411-419.	1.2	129
57	Gene expression in honey bee (Apis mellifera) larvae exposed to pesticides and Varroa mites (Varroa) Tj ETQq1 1 0.784314 rgBT /Overlo	0.9	129
58	Transcriptional immune responses by honey bee larvae during invasion by the bacterial pathogen, Paenibacillus larvae. Journal of Invertebrate Pathology, 2004, 85, 105-111.	1.5	126
59	Sperm viability and gene expression in honey bee queens (Apis mellifera) following exposure to the neonicotinoid insecticide imidacloprid and the organophosphate acaricide coumaphos. Journal of Insect Physiology, 2016, 89, 1-8.	0.9	126
60	Parentage analyses in ant colonies using simple sequence repeat loci. Molecular Ecology, 1993, 2, 393-397.	2.0	124
61	Gene expression and the evolution of insect polyphenismsâ€. BioEssays, 2000, 23, 62-68.	1.2	123
62	Weighing Risk Factors Associated With Bee Colony Collapse Disorder by Classification and Regression Tree Analysis. Journal of Economic Entomology, 2010, 103, 1517-1523.	0.8	119
63	Proteomic analyses of male contributions to honey bee sperm storage and mating. Insect Molecular Biology, 2006, 15, 541-549.	1.0	118
64	Genomic survey of the ectoparasitic mite Varroa destructor, a major pest of the honey bee Apis mellifera. BMC Genomics, 2010, 11, 602.	1.2	118
65	Bacterial probiotics induce an immune response in the honey bee (Hymenoptera: Apidae). Journal of Economic Entomology, 2004, 97, 752-6.	0.8	118
66	Standard methods for American foulbrood research. Journal of Apicultural Research, 2013, 52, 1-28.	0.7	108
67	Recent spread of Varroa destructor virus-1, a honey bee pathogen, in the United States. Scientific Reports, 2017, 7, 17447.	1.6	108
68	COLONY-LEVEL IMPACTS OF IMMUNE RESPONSIVENESS IN HONEY BEES, APIS MELLIFERA. Evolution; International Journal of Organic Evolution, 2005, 59, 2270-2274.	1.1	106
69	Effective Gene Silencing in a Microsporidian Parasite Associated with Honeybee (<i>Apis mellifera</i>) Colony Declines. Applied and Environmental Microbiology, 2010, 76, 5960-5964.	1.4	100
70	The Prevalence of Parasites and Pathogens in Asian Honeybees Apis cerana in China. PLoS ONE, 2012, 7, e47955.	1.1	99
71	Single and mixed-species trypanosome and microsporidia infections elicit distinct, ephemeral cellular and humoral immune responses in honey bees. Developmental and Comparative Immunology, 2013, 40, 300-310.	1.0	96
72	Genome sequences of the honey bee pathogens Paenibacillus larvae and Ascosphaera apis. Insect Molecular Biology, 2006, 15, 715-718.	1.0	92

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73	Genetic Analysis of Israel Acute Paralysis Virus: Distinct Clusters Are Circulating in the United States. Journal of Virology, 2008, 82, 6209-6217.	1.5	88
74	Bee cups: single-use cages for honey bee experiments. Journal of Apicultural Research, 2009, 48, 300-302.	0.7	88
75	In Vitro Infection of Pupae with Israeli Acute Paralysis Virus Suggests Disturbance of Transcriptional Homeostasis in Honey Bees (Apis mellifera). PLoS ONE, 2013, 8, e73429.	1.1	88
76	Standard methods for small hive beetle research. Journal of Apicultural Research, 2013, 52, 1-32.	0.7	83
77	Computational and transcriptional evidence for microRNAs in the honey bee genome. Genome Biology, 2007, 8, R97.	13.9	82
78	Dynamics of Persistent and Acute Deformed Wing Virus Infections in Honey Bees, Apis mellifera. Viruses, 2011, 3, 2425-2441.	1.5	81
79	Systemic Spread and Propagation of a Plant-Pathogenic Virus in European Honeybees, Apis mellifera. MBio, 2014, 5, e00898-13.	1.8	81
80	Virus infections in Brazilian honey bees. Journal of Invertebrate Pathology, 2008, 99, 117-119.	1.5	79
81	Deformed wing virus type A, a major honey bee pathogen, is vectored by the mite Varroa destructor in a non-propagative manner. Scientific Reports, 2019, 9, 12445.	1.6	79
82	New evidence showing that the destruction of gut bacteria by antibiotic treatment could increase the honey beeâ€™s vulnerability to Nosema infection. PLoS ONE, 2017, 12, e0187505.	1.1	79
83	Relatedness threshold for the production of female sexuals in colonies of a polygynous ant, Myrmica tahoensis, as revealed by microsatellite DNA analysis.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 6514-6517.	3.3	78
84	Conditional immune-gene suppression of honeybees parasitized by Varroa mites. Journal of Insect Science, 2005, 5, 7.	0.6	78
85	The Apis mellifera Filamentous Virus Genome. Viruses, 2015, 7, 3798-3815.	1.5	75
86	Dynamic evolution in the key honey bee pathogen deformed wing virus: Novel insights into virulence and competition using reverse genetics. PLoS Biology, 2019, 17, e3000502.	2.6	75
87	Diagnosis of American foulbrood in honey bees: a synthesis and proposed analytical protocols. Letters in Applied Microbiology, 2006, 43, 583-590.	1.0	74
88	Caste development and reproduction: a genome-wide analysis of hallmarks of insect eusociality. Insect Molecular Biology, 2006, 15, 703-714.	1.0	73
89	Rapid Evolution of Immune Proteins in Social Insects. Molecular Biology and Evolution, 2009, 26, 1791-1801.	3.5	69
90	Nectar and Pollen Phytochemicals Stimulate Honey Bee (Hymenoptera: Apidae) Immunity to Viral Infection. Journal of Economic Entomology, 2017, 110, 1959-1972.	0.8	69

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91	â€œEntombed Pollenâ€ A new condition in honey bee colonies associated with increased risk of colony mortality. Journal of Invertebrate Pathology, 2009, 101, 147-149.	1.5	68
92	Genomic and transcriptomic analysis of the Asian honeybee Apis cerana provides novel insights into honeybee biology. Scientific Reports, 2018, 8, 822.	1.6	68
93	Genome Characterization, Prevalence and Distribution of a Macula-Like Virus from Apis mellifera and Varroa destructor. Viruses, 2015, 7, 3586-3602.	1.5	65
94	Differential diagnosis of the honey bee trypanosomatids Crithidia mellificae and Lotmaria passim. Journal of Invertebrate Pathology, 2015, 130, 21-27.	1.5	65
95	Species-specific diagnostics of Apis mellifera trypanosomatids: A nine-year survey (2007â€“2015) for trypanosomatids and microsporidians in Serbian honey bees. Journal of Invertebrate Pathology, 2016, 139, 6-11.	1.5	65
96	New evidence that deformed wing virus and black queen cell virus are multi-host pathogens. Journal of Invertebrate Pathology, 2012, 109, 156-159.	1.5	62
97	Two gut community enterotypes recur in diverse bumblebee species. Current Biology, 2015, 25, R652-R653.	1.8	62
98	Genome sequencing and comparative genomics of honey bee microsporidia, Nosema apis reveal novel insights into host-parasite interactions. BMC Genomics, 2013, 14, 451.	1.2	61
99	Honey bee colonies act as reservoirs for two <i>Spiroplasma</i> facultative symbionts and incur complex, multiyear infection dynamics. MicrobiologyOpen, 2014, 3, 341-355.	1.2	61
100	Population-genomic variation within RNA viruses of the Western honey bee, Apis mellifera, inferred from deep sequencing. BMC Genomics, 2013, 14, 154.	1.2	59
101	Pesticides in honey bee colonies: Establishing a baseline for real world exposure over seven years in the USA. Environmental Pollution, 2021, 279, 116566.	3.7	58
102	Hologenome theory and the honey bee pathosphere. Current Opinion in Insect Science, 2015, 10, 1-7.	2.2	57
103	Silencing the Honey Bee (Apis mellifera) Naked Cuticle Gene (<i>nkd</i>) Improves Host Immune Function and Reduces Nosema ceranae Infections. Applied and Environmental Microbiology, 2016, 82, 6779-6787.	1.4	57
104	Expression of insulin/insulinâ€like signalling and <scp>TOR</scp> pathway genes in honey bee caste determination. Insect Molecular Biology, 2014, 23, 113-121.	1.0	56
105	Gene expression and the evolution of insect polyphenisms. BioEssays, 2001, 23, 62-68.	1.2	56
106	Honey bee disease overview. Journal of Invertebrate Pathology, 2010, 103, S2-S4.	1.5	55
107	Divergent evolutionary trajectories following speciation in two ectoparasitic honey bee mites. Communications Biology, 2019, 2, 357.	2.0	55
108	Queen longevity, queen adoption, and posthumous indirect fitness in the facultatively polygynous ant Myrmica tahoensis. Behavioral Ecology and Sociobiology, 1996, 39, 275-284.	0.6	54

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109	Genetic Evidence for Coinfection of Honey Bees by Acute Bee Paralysis and Kashmir Bee Viruses. Journal of Invertebrate Pathology, 2001, 78, 189-193.	1.5	53
110	A scientific note on<i>Varroa destructor</i>found in East Africa; threat or opportunity?. Apidologie, 2010, 41, 463-465.	0.9	51
111	Variation and Heritability in Immune Gene Expression by Diseased Honeybees. Journal of Heredity, 2007, 98, 195-201.	1.0	50
112	Genome of the small hive beetle (<i>Aethina tumida</i>, Coleoptera: Nitidulidae), a worldwide parasite of social bee colonies, provides insights into detoxification and herbivory. GigaScience, 2018, 7, .	3.3	49
113	Complete mitochondrial DNA sequence of the important honey bee pest, Varroa destructor (Acari:) Tj ETQq1 1 0.784314 rgBT /Overloc	0.7	45
114	Inhibition of the American foulbrood bacterium,<i>Paenibacillus larvae larvae</i>, by bacteria isolated from honey bees. Journal of Apicultural Research, 2005, 44, 168-171.	0.7	43
115	Conditional immune-gene suppression of honeybees parasitized by Varroa mites. Journal of Insect Science, 2005, 5, 1-5.	0.9	43
116	Transcriptional Response of Honey Bee Larvae Infected with the Bacterial Pathogen Paenibacillus larvae. PLoS ONE, 2013, 8, e65424.	1.1	43
117	Characterization of gut bacteria at different developmental stages of Asian honey bees, Apis cerana. Journal of Invertebrate Pathology, 2015, 127, 110-114.	1.5	41
118	Scientific note on PCR inhibitors in the compound eyes of honey bees, Apis mellifera. Apidologie, 2011, 42, 457-460.	0.9	39
119	Genetics and physiology of Varroa mites. Current Opinion in Insect Science, 2018, 26, 130-135.	2.2	38
120	Mitochondrial DNA Relationships in an Emergent Pest of Honey Bees: <I>Aethina tumida</I> (Coleoptera: Nitidulidae) from the United States and Africa. Annals of the Entomological Society of America, 2000, 93, 415-420.	1.3	37
121	Transcriptome analysis of the honey bee fungal pathogen, Ascosphaera apis: implications for host pathogenesis. BMC Genomics, 2012, 13, 285.	1.2	36
122	Extracts of Polypore Mushroom Mycelia Reduce Viruses in Honey Bees. Scientific Reports, 2018, 8, 13936.	1.6	36
123	Effects of a Resident Yeast from the Honeybee Gut on Immunity, Microbiota, and Nosema Disease. Insects, 2019, 10, 296.	1.0	36
124	Updated genome assembly and annotation of Paenibacillus larvae, the agent of American foulbrood disease of honey bees. BMC Genomics, 2011, 12, 450.	1.2	35
125	Susceptibility of four different honey bee species to Nosema ceranae. Veterinary Parasitology, 2013, 193, 260-265.	0.7	35
126	Metatranscriptomic analyses of honey bee colonies. Frontiers in Genetics, 2015, 6, 100.	1.1	35

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127	A Varroa destructor protein atlas reveals molecular underpinnings of developmental transitions and sexual differentiation. Molecular and Cellular Proteomics, 2017, 16, 2125-2137.	2.5	35
128	Molecular basis of sex determination in haplodiploids. Trends in Ecology and Evolution, 2004, 19, 1-3.	4.2	34
129	Evaluation of Cage Designs and Feeding Regimes for Honey Bee (Hymenoptera: Apidae) Laboratory Experiments. Journal of Economic Entomology, 2014, 107, 54-62.	0.8	33
130	Tracking an invasive honey bee pest: mitochondrial DNA variation in North American small hive beetles. Apidologie, 2003, 34, 103-109.	0.9	32
131	Natural Product Medicines for Honey Bees: Perspective and Protocols. Insects, 2019, 10, 356.	1.0	32
132	Variable induction of vitellogenin genes in the varroa mite, <scp><i>V</i></scp><i>arroa destructor</i> (<scp>A</scp>nderson & <scp>T</scp>rueman), by the honeybee, <i>Apis mellifera</i> L, host and its environment. Insect Molecular Biology, 2013, 22, 88-103.	1.0	31
133	Silencing of Apis mellifera dorsal genes reveals their role in expression of the antimicrobial peptide defensinâ€1. Insect Molecular Biology, 2018, 27, 577-589.	1.0	31
134	Dynamic Changes of Gut Microbial Communities of Bumble Bee Queens through Important Life Stages. MSystems, 2019, 4, .	1.7	31
135	Identification of transcriptional signals in Encephalitozoon cuniculi widespread among Microsporidia phylum: support for accurate structural genome annotation. BMC Genomics, 2009, 10, 607.	1.2	30
136	Worldwide Diaspora of <i>Aethina tumida</i> (Coleoptera: Nitidulidae), a Nest Parasite of Honey Bees. Annals of the Entomological Society of America, 2010, 103, 671-677.	1.3	29
137	Nosemosis control in European honey bees <i>Apis mellifera</i> by silencing the gene encoding <i>Nosema ceranae</i> polar tube protein 3. Journal of Experimental Biology, 2018, 221, .	0.8	29
138	Paenibacillus larvae enolase as a virulence factor in honeybee larvae infection. Veterinary Microbiology, 2011, 147, 83-89.	0.8	28
139	Three Halloween genes from the Varroa mite,<i>Varroa destructor</i>(Anderson & Trueman) and their expression during reproduction. Insect Molecular Biology, 2015, 24, 277-292.	1.0	28
140	Multilocus sequence typing, biochemical and antibiotic resistance characterizations reveal diversity of North American strains of the honey bee pathogen Paenibacillus larvae. PLoS ONE, 2017, 12, e0176831.	1.1	28
141	The Phylogeny and Pathogenesis of Sacbrood Virus (SBV) Infection in European Honey Bees, Apis mellifera. Viruses, 2019, 11, 61.	1.5	28
142	Spore load and immune response of honey bees naturally infected by Nosema ceranae. Parasitology Research, 2017, 116, 3265-3274.	0.6	27
143	Pollen reverses decreased lifespan, altered nutritional metabolism, and suppressed immunity in honey bees (<i>Apis mellifera</i>) treated with antibiotics. Journal of Experimental Biology, 2019, 222, .	0.8	26
144	Multi-Drug Resistance Transporters and a Mechanism-Based Strategy for Assessing Risks of Pesticide Combinations to Honey Bees. PLoS ONE, 2016, 11, e0148242.	1.1	25

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145	Varroa destructor mites vector and transmit pathogenic honey bee viruses acquired from an artificial diet. PLoS ONE, 2020, 15, e0242688.	1.1	25
146	Molecular phylogenetics and the classification of honey bee viruses. Archives of Virology, 2000, 145, 2015-2026.	0.9	23
147	Sweetness and light: illuminating the honey bee genome. Insect Molecular Biology, 2006, 15, 535-539.	1.0	23
148	Characterization of secreted proteases of Paenibacillus larvae, potential virulence factors involved in honeybee larval infection. Journal of Invertebrate Pathology, 2009, 102, 129-132.	1.5	23
149	Host-Parasite Interactions and Purifying Selection in a Microsporidian Parasite of Honey Bees. PLoS ONE, 2016, 11, e0147549.	1.1	23
150	Agricultural applications of insect ecological genomics. Current Opinion in Insect Science, 2016, 13, 61-69.	2.2	23
151	Development of a Honey Bee RNA Virus Vector Based on the Genome of a Deformed Wing Virus. Viruses, 2020, 12, 374.	1.5	23
152	The influence of RNA integrity on the detection of honey bee viruses: molecular assessment of different sample storage methods. Journal of Apicultural Research, 2007, 46, 81-87.	0.7	22
153	Sampling and RNA quality for diagnosis of honey bee viruses using quantitative PCR. Journal of Virological Methods, 2011, 174, 150-152.	1.0	22
154	Transferrin-mediated iron sequestration suggests a novel therapeutic strategy for controlling Nosema disease in the honey bee, Apis mellifera. PLoS Pathogens, 2021, 17, e1009270.	2.1	22
155	Pupal cannibalism by worker honey bees contributes to the spread of deformed wing virus. Scientific Reports, 2021, 11, 8989.	1.6	22
156	Identification of microRNA-like small RNAs from fungal parasite Nosema ceranae. Journal of Invertebrate Pathology, 2016, 133, 107-109.	1.5	21
157	Acute bee paralysis virus occurs in the Asian honey bee Apis cerana and parasitic mite Tropilaelaps mercedesae. Journal of Invertebrate Pathology, 2018, 151, 131-136.	1.5	21
158	Parentage and sex allocation in the facultatively polygynous ant Myrmicatahoensis. Behavioral Ecology and Sociobiology, 1998, 44, 35-42.	0.6	20
159	Secreted and immunogenic proteins produced by the honeybee bacterial pathogen, Paenibacillus larvae. Veterinary Microbiology, 2010, 141, 385-389.	0.8	20
160	Microsatellite loci in the honey bee parasitic mite Varroa jacobsoni. Molecular Ecology, 2000, 9, 1436-1438.	2.0	19
161	Beenomes to Bombyx: future directions in applied insect genomics. Genome Biology, 2003, 4, 107.	13.9	19
162	Effects of host age on susceptibility to infection and immune gene expression in honey bee queens (Apis mellifera) inoculated with Nosema ceranae. Apidologie, 2014, 45, 451-463.	0.9	19

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163	Competition and relatedness between queens of the facultatively polygynous antMyrmica tahoensis. Animal Behaviour, 1996, 51, 831-840.	0.8	18
164	Honey bee microRNAs respond to infection by the microsporidian parasite Nosema ceranae. Scientific Reports, 2015, 5, 17494.	1.6	18
165	The Dynamics of Deformed Wing Virus Concentration and Host Defensive Gene Expression after Varroa Mite Parasitism in Honey Bees, Apis mellifera. Insects, 2019, 10, 16.	1.0	18
166	Comparative susceptibility and immune responses of Asian and European honey bees to the American foulbrood pathogen, <i>Paenibacillus larvae</i>. Insect Science, 2019, 26, 831-842.	1.5	17
167	Genomic and transcriptional analysis of protein heterogeneity of the honeybee venom allergen Api m 6. Insect Molecular Biology, 2006, 15, 577-581.	1.0	16
168	A diagnostic genetic test for the honey bee tracheal mite, Acarapis woodi. Journal of Apicultural Research, 2007, 46, 195-197.	0.7	16
169	<i>Israeli acute paralysis virus</i> in Africanized honey bees in southeastern Brazilian Apiaries. Journal of Apicultural Research, 2012, 51, 282-284.	0.7	14
170	Differential gene expression in Varroa jacobsoni mites following a host shift to European honey bees (Apis mellifera). BMC Genomics, 2016, 17, 926.	1.2	14
171	Shared and unique microbes between Small hive beetles (<i>Aethina tumida</i>) and their honey bee hosts. MicrobiologyOpen, 2019, 8, e899.	1.2	14
172	<i>Dicer</i> regulates <i>Nosema ceranae</i> proliferation in honeybees. Insect Molecular Biology, 2019, 28, 74-85.	1.0	14
173	RNA Interference-Mediated Knockdown of Genes Encoding Spore Wall Proteins Confers Protection against Nosema ceranae Infection in the European Honey Bee, Apis mellifera. Microorganisms, 2021, 9, 505.	1.6	13
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