

Standard methods for artificial rearing of *Apis mellifera*

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Standard methods for fungal brood disease research. Journal of Apicultural Research, 2013, 52, 1-20.	0.7	126
2	The COLOSS BEEBOOK® Part 1. Journal of Apicultural Research, 2013, 52, 1-4.	0.7	1
3	Standard methods for toxicology research in <i>Apis mellifera</i> . Journal of Apicultural Research, 2013, 52, 1-60.	0.7	131
4	The COLOSS BEEBOOK Volume I, Standard methods for <i>Apis mellifera</i> research: Introduction. Journal of Apicultural Research, 2013, 52, 1-4.	0.7	28
5	Standard methods for European foulbrood research. Journal of Apicultural Research, 2013, 52, 1-14.	0.7	71
6	Standard methods for maintaining adult <i>Apis mellifera</i> in cages under <i>in vitro</i> laboratory conditions. Journal of Apicultural Research, 2013, 52, 1-36.	0.7	230
7	Standard methods for virus research in <i>Apis mellifera</i> . Journal of Apicultural Research, 2013, 52, 1-56.	0.7	230
8	A laboratory technique to study the effects of <i>Varroa destructor</i> and viruses on developing worker honey bees. Journal of Apicultural Research, 2013, 52, 262-263.	0.7	9
9	Crop Pollination Exposes Honey Bees to Pesticides Which Alters Their Susceptibility to the Gut Pathogen <i>Nosema ceranae</i> . PLoS ONE, 2013, 8, e70182.	1.1	364
10	Sex-Specific Differences in Pathogen Susceptibility in Honey Bees ( <i>Apis mellifera</i> ). PLoS ONE, 2014, 9, e85261.	1.1	52
11	So Near and Yet So Far: Harmonic Radar Reveals Reduced Homing Ability of <i>Nosema</i> Infected Honeybees. PLoS ONE, 2014, 9, e103989.	1.1	108
12	Production of the Catechol Type Siderophore Bacillibactin by the Honey Bee Pathogen <i>Paenibacillus</i> larvae. PLoS ONE, 2014, 9, e108272.	1.1	49
13	A DNA Barcoding Approach to Characterize Pollen Collected by Honeybees. PLoS ONE, 2014, 9, e109363.	1.1	114
14	Trans-generational immune priming in honeybees. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140454.	1.2	82
15	Four Common Pesticides, Their Mixtures and a Formulation Solvent in the Hive Environment Have High Oral Toxicity to Honey Bee Larvae. PLoS ONE, 2014, 9, e77547.	1.1	230
16	On the Front Line: Quantitative Virus Dynamics in Honeybee ( <i>Apis mellifera</i> L.) Colonies along a New Expansion Front of the Parasite <i>Varroa destructor</i> . PLoS Pathogens, 2014, 10, e1004323.	2.1	195
17	Resistance of developing honeybee larvae during chronic exposure to dietary nicotine. Journal of Insect Physiology, 2014, 69, 74-79.	0.9	31
18	Metabolism and upper thermal limits of <i>Apis mellifera carnica</i> and <i>A. m. ligustica</i> . Apidologie, 2014, 45, 664-677.	0.9	64

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19	Does ingestion of neem-contaminated diet cause mortality of honey bee larvae and foragers?. Journal of Apicultural Research, 2015, 54, 405-410.	0.7	6
20	Toxicity of Spirotetramat on Solitary Bee Larvae, <i>Osmia Cornuta</i> (Hymenoptera: Megachilidae), in Laboratory Conditions. Journal of Apicultural Science, 2015, 59, 73-83.	0.1	14
21	Automatic methods for long-term tracking and the detection and decoding of communication dances in honeybees. Frontiers in Ecology and Evolution, 2015, 3, .	1.1	49
22	Phenotypic and Genetic Analyses of the Varroa Sensitive Hygienic Trait in Russian Honey Bee ( <i>Hymenoptera: Apidae</i> ) Colonies. PLoS ONE, 2015, 10, e0116672.	1.1	26
23	Morphometric Identification of Queens, Workers and Intermediates in In Vitro Reared Honey Bees ( <i>Apis</i> ) Tj ETQq0 Q 0 rgBT /Overlock 10	1.1	24
24	Reduced SNP Panels for Genetic Identification and Introgression Analysis in the Dark Honey Bee ( <i>Apis</i> ) Tj ETQq1 1 0,784314 rgBT /Overl	1.1	46
25	<i>Nosema ceranae</i> Can Infect Honey Bee Larvae and Reduces Subsequent Adult Longevity. PLoS ONE, 2015, 10, e0126330.	1.1	66
26	The First <i>Paenibacillus</i> larvae Bacteriophage Endolysin (PlyPI23) with High Potential to Control American Foulbrood. PLoS ONE, 2015, 10, e0132095.	1.1	20
27	Molecular pathogenesis of American Foulbrood: how <i>Paenibacillus</i> larvae kills honey bee larvae. Current Opinion in Insect Science, 2015, 10, 29-36.	2.2	40
28	Abscisic acid enhances the immune response in <i>Apis mellifera</i> and contributes to the colony fitness. Apidologie, 2015, 46, 542-557.	0.9	48
29	Effects of dietary calcium levels on development, haemolymph and antioxidant status of honey bee ( <i>Apis mellifera</i> ) larva reared in vitro. Journal of Apicultural Research, 2015, 54, 48-54.	0.7	5
30	Prospective Large-Scale Field Study Generates Predictive Model Identifying Major Contributors to Colony Losses. PLoS Pathogens, 2015, 11, e1004816.	2.1	38
31	Metatranscriptomic analyses of honey bee colonies. Frontiers in Genetics, 2015, 6, 100.	1.1	35
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35	Bees under stress: sublethal doses of a neonicotinoid pesticide and pathogens interact to elevate honey bee mortality across the life cycle. Environmental Microbiology, 2015, 17, 969-983.	1.8	295
36	Impact of <i>Varroa destructor</i> on honeybee ( <i>Apis mellifera scutellata</i> ) colony development in South Africa. Experimental and Applied Acarology, 2015, 65, 89-106.	0.7	28

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38	Using Whole-Genome Sequence Information to Foster Conservation Efforts for the European Dark Honey Bee, <i>Apis mellifera mellifera</i> . <i>Frontiers in Ecology and Evolution</i> , 2016, 4, .	1.1	34
39	Colony Failure Linked to Low Sperm Viability in Honey Bee ( <i>Apis mellifera</i> ) Queens and an Exploration of Potential Causative Factors. <i>PLoS ONE</i> , 2016, 11, e0147220.	1.1	78
40	Effects of Wintering Environment and Parasite-Pathogen Interactions on Honey Bee Colony Loss in North Temperate Regions. <i>PLoS ONE</i> , 2016, 11, e0159615.	1.1	38
41	Patterns in <i>Varroa destructor</i> depend on bee host abundance, availability of natural resources, and climate in Mediterranean apiaries. <i>Ecological Entomology</i> , 2016, 41, 542-553.	1.1	4
42	Interactive effects of pesticide exposure and pathogen infection on bee health—A critical analysis. <i>Biological Reviews</i> , 2016, 91, 1006-1019.	4.7	62
43	A mechanistic model to assess risks to honeybee colonies from exposure to pesticides under different scenarios of combined stressors and factors. <i>EFSA Supporting Publications</i> , 2016, 13, 1069E.	0.3	8
44	Effect of hydroxymethylfurfural (HMF) on mortality of artificially reared honey bee larvae ( <i>Apis mellifera</i> ). <i>Journal of Apiculture</i> , 2016, 1, 1-10.	1.1	27
45	Pathogen prevalence and abundance in honey bee colonies involved in almond pollination. <i>Apidologie</i> , 2016, 47, 251-266.	0.9	71
46	Assessing the health status of managed honeybee colonies (HEALTHY-B): a toolbox to facilitate harmonised data collection. <i>EFSA Journal</i> , 2016, 14, e04578.	0.9	24
47	Kamakura replies. <i>Nature</i> , 2016, 537, E13-E13.	13.7	15
48	Protocol for the <i>in vitro</i> rearing of honey bee ( <i>Apis mellifera</i> L.) workers. <i>Journal of Apicultural Research</i> , 2016, 55, 113-129.	0.7	89
49	Specific Cues Associated With Honey Bee Social Defence against <i>Varroa destructor</i> Infested Brood. <i>Scientific Reports</i> , 2016, 6, 25444.	1.6	67
50	Queens become workers: pesticides alter caste differentiation in bees. <i>Scientific Reports</i> , 2016, 6, 31605.	1.6	28
51	Virulence Differences among <i>Melissococcus plutonius</i> Strains with Different Genetic Backgrounds in <i>Apis mellifera</i> Larvae under an Improved Experimental Condition. <i>Scientific Reports</i> , 2016, 6, 33329.	1.6	30
52	Lysophosphatidylcholine acts in the constitutive immune defence against American foulbrood in adult honeybees. <i>Scientific Reports</i> , 2016, 6, 30699.	1.6	10
53	Larva-mediated chalkbrood resistance-associated single nucleotide polymorphism markers in the honey bee <i>Apis mellifera</i> . <i>Insect Molecular Biology</i> , 2016, 25, 239-250.	1.0	11
54	Combination of thymol treatment (Apiguard®) and caging the queen technique to fight <i>Varroa destructor</i> . <i>Apidologie</i> , 2016, 47, 606-616.	0.9	38

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56	Experimental bacteriophage treatment of honeybees ( <i>Apis mellifera</i> ) infected with <i>Paenibacillus larvae</i> , the causative agent of American Foulbrood Disease. <i>Bacteriophage</i> , 2016, 6, e1122698.	1.9	24
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58	Genetic diversity confers colony-level benefits due to individual immunity. <i>Biology Letters</i> , 2016, 12, 20151007.	1.0	24
59	Differences in <i>Varroa destructor</i> infestation rates of two indigenous subspecies of <i>Apis mellifera</i> in the Republic of South Africa. <i>Experimental and Applied Acarology</i> , 2016, 68, 509-515.	0.7	16
60	Distance between honey bee <i>Apis mellifera</i> colonies regulates populations of <i>Varroa destructor</i> at a landscape scale. <i>Apidologie</i> , 2017, 48, 8-16.	0.9	55
61	Fertility and reproductive rate of <i>Varroa mite</i> , <i>Varroa destructor</i> , in native and exotic honeybee, <i>Apis mellifera</i> L., colonies under Saudi Arabia conditions. <i>Saudi Journal of Biological Sciences</i> , 2017, 24, 992-995.	1.8	9
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63	Proteomic and metabolomic analysis reveals rapid and extensive nicotine detoxification ability in honey bee larvae. <i>Insect Biochemistry and Molecular Biology</i> , 2017, 82, 41-51.	1.2	36
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65	Early life stress affects mortality rate more than social behavior, gene expression or oxidative damage in honey bee workers. <i>Experimental Gerontology</i> , 2017, 90, 19-25.	1.2	18
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67	Oldest <i>Varroa</i> tolerant honey bee population provides insight into the origins of the global decline of honey bees. <i>Scientific Reports</i> , 2017, 7, 45953.	1.6	38
68	The geometric framework for nutrition reveals interactions between protein and carbohydrate during larval growth in honey bees. <i>Biology Open</i> , 2017, 6, 872-880.	0.6	21
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74	The upside of recognition error? Artificially aggregated colonies of the stingless bee <i>Tetragonula carbonaria</i> tolerate high rates of worker drift. <i>Biological Journal of the Linnean Society</i> , 2017, 121, 258-266.	0.7	4
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77	High-level resistance of <i>Melissococcus plutonius</i> clonal complex 3 strains to antimicrobial activity of royal jelly. <i>Environmental Microbiology Reports</i> , 2017, 9, 562-570.	1.0	21
78	Nectar and Pollen Phytochemicals Stimulate Honey Bee (Hymenoptera: Apidae) Immunity to Viral Infection. <i>Journal of Economic Entomology</i> , 2017, 110, 1959-1972.	0.8	69
79	Distribution of RNA-containing bee viruses in honey bee ( <i>Apis mellifera</i> ) in several regions of Russia. <i>Molecular Genetics, Microbiology and Virology</i> , 2017, 32, 35-41.	0.0	0
80	Protein nutrition governs within-host race of honey bee pathogens. <i>Scientific Reports</i> , 2017, 7, 14988.	1.6	42
81	Larval exposure to thiamethoxam and American foulbrood: effects on mortality and cognition in the honey bee <i>Apis mellifera</i> . <i>Journal of Apicultural Research</i> , 2017, 56, 475-486.	0.7	17
82	Diagnosis and molecular detection of <i>Paenibacillus</i> larvae, the causative agent of American foulbrood in honey bees in Saudi Arabia. <i>International Journal of Tropical Insect Science</i> , 2017, 37, 137-148.	0.4	8
83	Comparison of thermal traits of <i>Polistes dominula</i> and <i>Polistes gallicus</i> , two European paper wasps with strongly differing distribution ranges. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2017, 187, 277-290.	0.7	17
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86	Mitochondrial DNA Characterization of High Royal Jelly-producing Honeybees (Hymenoptera: Apidae) in China. <i>Journal of Apicultural Science</i> , 2017, 61, 217-222.	0.1	2
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88	Characterization of the Copy Number and Variants of Deformed Wing Virus (DWW) in the Pupa of Honey Bee and Infesting <i>Varroa destructor</i> or <i>Tropilaelaps mercedesae</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 1558.	1.5	35
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94	Chronic toxicity of amitraz, coumaphos and fluvalinate to <i>Apis mellifera</i> L. larvae reared in vitro. <i>Scientific Reports</i> , 2018, 8, 5635.	1.6	31
95	Spermatozoa production in male <i>Varroa destructor</i> and its impact on reproduction in worker brood of <i>Apis mellifera</i> . <i>Experimental and Applied Acarology</i> , 2018, 74, 43-54.	0.7	6
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97	Reproduction of parasitic mites <i>Varroa destructor</i> in original and new honeybee hosts. <i>Ecology and Evolution</i> , 2018, 8, 2135-2145.	0.8	32
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103	Hygienic behaviour selection via freeze-killed honey bee brood not associated with chalkbrood resistance in eastern Australia. <i>PLoS ONE</i> , 2018, 13, e0203969.	1.1	10
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105	Honey bees as models for gut microbiota research. <i>Lab Animal</i> , 2018, 47, 317-325.	0.2	184
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107	Solving Problems without Borders. <i>American Entomologist</i> , 2018, 64, 165-175.	0.1	0
108	Investigating the role of landscape composition on honey bee colony winter mortality: A long-term analysis. <i>Scientific Reports</i> , 2018, 8, 12263.	1.6	25

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109	Single and interactive effects of <i>Varroa destructor</i> , <i>Nosema</i> spp., and imidacloprid on honey bee colonies ( <i>Apis mellifera</i> ). <i>Ecosphere</i> , 2018, 9, e02378.	1.0	31
110	The effects of artificial rearing environment on the behavior of adult honey bees, <i>Apis mellifera</i> L.. <i>Behavioral Ecology and Sociobiology</i> , 2018, 72, 1.	0.6	9
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115	A survey on prevalence and risk factors of Varroosis in West Azerbaijan, Iran. <i>International Journal of Acarology</i> , 2018, 44, 185-188.	0.3	0
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117	Opsin expression patterns coincide with photoreceptor development during pupal development in the honey bee, <i>Apis mellifera</i> . <i>BMC Developmental Biology</i> , 2018, 18, 1.	2.1	19
118	A honey bee ( <i>Apis mellifera</i> ) colony's brood survival rate predicts its in vitro-reared brood survival rate. <i>Apidologie</i> , 2018, 49, 573-580.	0.9	9
119	Virulence of <i>Melissococcus plutonius</i> and secondary invaders associated with European foulbrood disease of the honey bee. <i>MicrobiologyOpen</i> , 2019, 8, e00649.	1.2	34
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122	Immune gene expression in developing honey bees ( <i>Apis mellifera</i> L.) simultaneously exposed to imidacloprid and <i>Varroa destructor</i> in laboratory conditions. <i>Journal of Apicultural Research</i> , 2019, 58, 730-739.	0.7	14
123	Honeybee pupal length assessed by CT-scan technique: effects of <i>Varroa</i> infestation, developmental stage and spatial position within the brood comb. <i>Scientific Reports</i> , 2019, 9, 10614.	1.6	5
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128	Divergent evolutionary trajectories following speciation in two ectoparasitic honey bee mites. <i>Communications Biology</i> , 2019, 2, 357.	2.0	55
129	The Use of the Predatory Mite <i>Stratiolaelaps scimitus</i> (Mesostigmata: Laelapidae) to Control <i>Varroa destructor</i> (Mesostigmata: Varroidae) in Honey Bee Colonies in Early and Late Fall. <i>Journal of Economic Entomology</i> , 2019, 112, 534-542.	0.8	3
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135	Kinematics of Stewart Platform Explains Three-Dimensional Movement of Honeybee's Abdominal Structure. <i>Journal of Insect Science</i> , 2019, 19, .	0.6	8
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205	You are what you eat: relative importance of diet, gut microbiota and nestmates for honey bee, <i>Apis mellifera</i> , worker health. <i>Apidologie</i> , 2021, 52, 632-646.	0.9	6
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295	Impact of insect pollinators on yields of <i>Glycine max</i> L. (Fabaceae) at Yaound� (Cameroon) Douniaa, Clautin Ningatoloumb, Chantal Doukaa, Elono Azang Pierre Stephana, Amada Brahimc, Joseph Lebel Tamessea, Fernand-Nestor Tchuenguem Fohouod. Journal of Advances in Agriculture, 0, 11, 99-107.	0.1	0
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