High Levels of Miticides and Agrochemicals in North Am Honey Bee Health

PLoS ONE

5, e9754

DOI: 10.1371/journal.pone.0009754

Citation Report

#	Article	IF	Citations
1	Is Apis mellifera more sensitive to insecticides than other insects?. Pest Management Science, 2010, 66, 1171-1180.	1.7	115
2	Iridovirus and Microsporidian Linked to Honey Bee Colony Decline. PLoS ONE, 2010, 5, e13181.	1.1	183
3	Practical Sampling Plans for <I>Varroa destructor</I> (Acari: Varroidae) in <I>Apis mellifera</I> (Hymenoptera: Apidae) Colonies and Apiaries. Journal of Economic Entomology, 2010, 103, 1039-1050.	0.8	75
4	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
5	Overview of Pesticide Residues in Stored Pollen and Their Potential Effect on Bee Colony (Apis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 58	0.8	98
6	Rapid analysis of neonicotinoid insecticides in guttation drops of corn seedlings obtained from coated seeds. Journal of Environmental Monitoring, 2011, 13, 1564.	2.1	99
7	The Plight of the Bees. Environmental Science & Technology, 2011, 45, 34-38.	4.6	110
8	The Role of Resources and Risks in Regulating Wild Bee Populations. Annual Review of Entomology, 2011, 56, 293-312.	5.7	460
9	A use-dependent sodium current modification induced by type I pyrethroid insecticides in honeybee antennal olfactory receptor neurons. NeuroToxicology, 2011, 32, 320-330.	1.4	29
10	Bees brought to their knees: microbes affecting honey bee health. Trends in Microbiology, 2011, 19, 614-620.	3.5	312
12	Side-Effects of Pesticides on the Pollinator Bombus: An Overview. , 2011, , .		16
13	Detection of Pesticides in Active and Depopulated Beehives in Uruguay. International Journal of Environmental Research and Public Health, 2011, 8, 3844-3858.	1.2	82
14	Pesticide Residues in Natural Products with Pharmaceutical Use: Occurrence, Analytical Advances and Perspectives. , 0, , .		7
15	Viruses Associated with Ovarian Degeneration in Apis mellifera L. Queens. PLoS ONE, 2011, 6, e16217.	1.1	59
16	Killing Them with Kindness? In-Hive Medications May Inhibit Xenobiotic Efflux Transporters and Endanger Honey Bees. PLoS ONE, 2011, 6, e26796.	1.1	76
17	Time-Dependent Toxicity of Neonicotinoids and Other Toxicants:Implications for a New Approach to Risk Assessment. , 2011, 01, .		25
18	Octopamineâ€"A single modulator with double action on the heart of two insect species (Apis mellifera) Tj ETQq0 0 0 rgBT /Overlock 10 316-325.	0.9	44
19	Cell death localization in situ in laboratory reared honey bee (Apis mellifera L.) larvae treated with pesticides. Pesticide Biochemistry and Physiology, 2011, 99, 200-207.	1.6	120

#	Article	IF	Citations
20	The potential impacts of insecticides on the life-history traits of bees and the consequences for pollination. Basic and Applied Ecology, 2011, 12, 321-331.	1.2	191
21	A meta-analysis of experiments testing the effects of a neonicotinoid insecticide (imidacloprid) on honey bees. Ecotoxicology, 2011, 20, 149-157.	1.1	295
22	An emerging paradigm of colony health: microbial balance of the honey bee and hive (Apis mellifera). Insectes Sociaux, 2011, 58, 431-444.	0.7	157
23	Predicting pesticide fate in the hive (part 1): experimentally determined Ï„-fluvalinate residues in bees, honey and wax. Apidologie, 2011, 42, 378-390.	0.9	31
24	An exposure study to assess the potential impact of fipronil in treated sunflower seeds on honey bee colony losses in Spain. Pest Management Science, 2011, 67, 1320-1331.	1.7	15
25	An assessment of honeybee colony matrices, Apis mellifera (Hymenoptera: Apidae) to monitor pesticide presence in continental France. Environmental Toxicology and Chemistry, 2011, 30, 103-111.	2.2	167
26	Determination of coumaphos, chlorpyrifos and ethion residues in propolis tinctures by matrix solid-phase dispersion and gas chromatography coupled to flame photometric and mass spectrometric detection. Journal of Chromatography A, 2011, 1218, 5852-5857.	1.8	45
27	Multi-residue analysis of 80 environmental contaminants in honeys, honeybees and pollens by one extraction procedure followed by liquid and gas chromatography coupled with mass spectrometric detection. Journal of Chromatography A, 2011, 1218, 5743-5756.	1.8	206
28	CYP9Q-mediated detoxification of acaricides in the honey bee (Apis mellifera). Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 12657-12662.	3.3	223
29	Ecotoxicology of Organofluorous Compounds. Topics in Current Chemistry, 2011, 308, 339-363.	4.0	20
30	Exposure to Sublethal Doses of Fipronil and Thiacloprid Highly Increases Mortality of Honeybees Previously Infected by Nosema ceranae. PLoS ONE, 2011, 6, e21550.	1.1	325
31	Residues of Neonicotinoid Insecticides in Bee Collected Plant Materials from Oilseed Rape Crops and their Effect on Bee Colonies. Journal of Apicultural Science, 2012, 56, 115-134.	0.1	120
32	The Greening of Pesticideâ€“Environment Interactions: Some Personal Observations. Environmental Health Perspectives, 2012, 120, 487-493.	2.8	47
33	Multiple Routes of Pesticide Exposure for Honey Bees Living Near Agricultural Fields. PLoS ONE, 2012, 7, e29268.	1.1	635
34	Landscape Analysis of Drone Congregation Areas of the Honey Bee,Apis mellifera. Journal of Insect Science, 2012, 12, 1-15.	0.9	23
35	Parasite-insecticide interactions: a case study of Nosema ceranae and fipronil synergy on honeybee. Scientific Reports, 2012, 2, 326.	1.6	161
36	Movement of Soil-Applied Imidacloprid and Thiamethoxam into Nectar and Pollen of Squash (Cucurbita pepo). PLoS ONE, 2012, 7, e39114.	1.1	198
38	Interaction between pesticides and other factors in effects on bees. EFSA Supporting Publications, 2012, 9, 340E.	0.3	26

#	Article	IF	Citations
39	Functional diversity within the simple gut microbiota of the honey bee. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 11002-11007.	3.3	671
40	From Silkworms to Bees. , 2012, , 425-459.		17
41	The effects of beta acids from hops (Humulus lupulus) on mortality of Varroa destructor (Acari:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 66	0.7	31
42	Comparative Toxicity of Acaricides to Honey Bee (Hymenoptera: Apidae) Workers and Queens. Journal of Economic Entomology, 2012, 105, 1895-1902.	0.8	55
43	A Perspective on Modern Pesticides, Pelagic Fish Declines, and Unknown Ecological Resilience in Highly Managed Ecosystems. BioScience, 2012, 62, 428-434.	2.2	76
44	A Common Pesticide Decreases Foraging Success and Survival in Honey Bees. Science, 2012, 336, 348-350.	6.0	1,101
45	Mechanisms by which pesticides affect insect immunity. Journal of Invertebrate Pathology, 2012, 109, 175-182.	1.5	205
46	Honey bees (Apis mellifera) reared in brood combs containing high levels of pesticide residues exhibit increased susceptibility to Nosema (Microsporidia) infection. Journal of Invertebrate Pathology, 2012, 109, 326-329.	1.5	142
47	Interpretation of honeybees contact toxicity associated to acetylcholinesterase inhibitors. Ecotoxicology and Environmental Safety, 2012, 79, 13-21.	2.9	20
48	Development of biomarkers of exposure to xenobiotics in the honey bee Apis mellifera: Application to the systemic insecticide thiamethoxam. Ecotoxicology and Environmental Safety, 2012, 82, 22-31.	2.9	123
49	Combined pesticide exposure severely affects individual- and colony-level traits in bees. Nature, 2012, 491, 105-108.	13.7	759
50	Imidacloprid-Induced Impairment of Mushroom Bodies and Behavior of the Native Stingless Bee Melipona quadrifasciata anthidioides. PLoS ONE, 2012, 7, e38406.	1.1	117
51	Pathogen Webs in Collapsing Honey Bee Colonies. PLoS ONE, 2012, 7, e43562.	1.1	387
52	Characterization of the Active Microbiotas Associated with Honey Bees Reveals Healthier and Broader Communities when Colonies are Genetically Diverse. PLoS ONE, 2012, 7, e32962.	1.1	143
53	Antibiotic, Pesticide, and Microbial Contaminants of Honey: Human Health Hazards. Scientific World Journal, The, 2012, 2012, 1-9.	0.8	165
54	Biodiversity of Native Bees and Crop Pollination with Emphasis on California. , 0, , 526-537.		2
55	Honeybee Communication and Pollination. , 2012, , .		2
56	Anthropogenic pollutants â€“ an insidious threat to animal health and productivity?. Acta Veterinaria Scandinavica, 2012, 54, .	0.5	6

#	Article	IF	Citations
57	Dietary traces of neonicotinoid pesticides as a cause of population declines in honey bees: an evaluation by Hill's epidemiological criteria. Pest Management Science, 2012, 68, 819-827.	1.7	93
58	Using videoâ€tracking to assess sublethal effects of pesticides on honey bees (Apis mellifera L.). Environmental Toxicology and Chemistry, 2012, 31, 1349-1354.	2.2	55
59	Neonicotinoids in bees: a review on concentrations, side-effects and risk assessment. Ecotoxicology, 2012, 21, 973-992.	1.1	780
60	Gentle Africanized bees on an oceanic island. Evolutionary Applications, 2012, 5, 746-756.	1.5	44
61	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
62	Gene expression in honey bee (Apis mellifera) larvae exposed to pesticides and Varroa mites (Varroa) Tj ETQq1 1 0.784314 rgBT /Over	0.9	129
63	Simultaneous stressors: Interactive effects of an immune challenge and dietary toxin can be detrimental to honeybees. Journal of Insect Physiology, 2012, 58, 918-923.	0.9	27
64	Pesticide exposure in honey bees results in increased levels of the gut pathogen Nosema. Die Naturwissenschaften, 2012, 99, 153-158.	0.6	368
65	Chitin synthesis inhibitors: old molecules and new developments. Insect Science, 2013, 20, 121-138.	1.5	165
66	Sub-lethal effects of thiamethoxam, a neonicotinoid pesticide, and propiconazole, a DMI fungicide, on colony initiation in bumblebee (Bombus terrestris) micro-colonies. Apidologie, 2013, 44, 563-574.	0.9	61
67	Trace analysis of pollutants by use of honeybees, immunoassays, and chemiluminescence detection. Analytical and Bioanalytical Chemistry, 2013, 405, 555-571.	1.9	21
68	The rhizobacterium Arthrobacter agilis produces dimethylhexadecylamine, a compound that inhibits growth of phytopathogenic fungi in vitro. Protoplasma, 2013, 250, 1251-1262.	1.0	74
69	Dying Bees and the Social Production of Ignorance. Science Technology and Human Values, 2013, 38, 492-517.	1.7	134
70	Effects of exposure of honey bee colonies to neonicotinoid seedâ€“treated maize crops. Journal of Apicultural Science, 2013, 57, 199-208.	0.1	11
71	Trace level determination of pyrethroid and neonicotinoid insecticides in beebread using acetonitrile-based extraction followed by analysis with ultra-high-performance liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2013, 1316, 53-61.	1.8	79
72	Imidacloprid does not induce Cyp genes involved in insecticide resistance of a mutant Drosophila melanogaster line. Food and Chemical Toxicology, 2013, 60, 355-359.	1.8	7
73	Neonicotinoids, bee disorders and the sustainability of pollinator services. Current Opinion in Environmental Sustainability, 2013, 5, 293-305.	3.1	352
74	Pathogens, Pests, and Economics: Drivers of Honey Bee Colony Declines and Losses. EcoHealth, 2013, 10, 434-445.	0.9	187

#	Article	IF	Citations
75	The development, validation and application of a GC-dual detector (NPD-ECD) multi-pesticide residue method for monitoring bee poisoning incidents. Ecotoxicology and Environmental Safety, 2013, 97, 210-222.	2.9	46
76	Simultaneous determination of residues in pollen and high-fructose corn syrup from eight neonicotinoid insecticides by liquid chromatographyâ€“tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 2013, 405, 9251-9264.	1.9	59
77	Acute exposure to a sublethal dose of imidacloprid and coumaphos enhances olfactory learning and memory in the honeybee Apis mellifera. Invertebrate Neuroscience, 2013, 13, 63-70.	1.8	64
78	UHPLC-DAD method for the determination of neonicotinoid insecticides in single bees and its relevance in honeybee colony loss investigations. Analytical and Bioanalytical Chemistry, 2013, 405, 1007-1014.	1.9	30
79	A potential link among biogenic amines-based pesticides, learning and memory, and colony collapse disorder: A unique hypothesis. Neurochemistry International, 2013, 62, 122-136.	1.9	96
80	Be(e)coming experts: The controversy over insecticides in the honey bee colony collapse disorder. Social Studies of Science, 2013, 43, 215-240.	1.5	94
81	The microsporidian parasites Nosema ceranae and Nosema apis are widespread in honeybee (Apis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.6	22
82	Antifungal efficacy of some natural phenolic compounds against significant pathogenic and toxinogenic filamentous fungi. Chemosphere, 2013, 93, 1051-1056.	4.2	130
83	Determination of seven neonicotinoid insecticides in beeswax by liquid chromatography coupled to electrospray-mass spectrometry using a fused-core column. Journal of Chromatography A, 2013, 1285, 110-117.	1.8	74
84	Exposure to multiple cholinergic pesticides impairs olfactory learning and memory in honeybees. Journal of Experimental Biology, 2013, 216, 1799-807.	0.8	245
85	Functional and evolutionary insights into the simple yet specific gut microbiota of the honey bee from metagenomic analysis. Gut Microbes, 2013, 4, 60-65.	4.3	108
86	Cholinergic pesticides cause mushroom body neuronal inactivation in honeybees. Nature Communications, 2013, 4, 1634.	5.8	215
87	Effects of fluvalinate on honey bee learning, memory, responsiveness to sucrose, and survival. Journal of Experimental Biology, 2013, 216, 2931-8.	0.8	62
88	Threats to an ecosystem service: pressures on pollinators. Frontiers in Ecology and the Environment, 2013, 11, 251-259.	1.9	980
89	Biphasic responses of the honeybee heart to nanomolar concentrations of amitraz. Pesticide Biochemistry and Physiology, 2013, 107, 132-137.	1.6	14
90	Quantitative Determination of Trisiloxane Surfactants in Beehive Environments Based on Liquid Chromatography Coupled to Mass Spectrometry. Environmental Science & Technology, 2013, 47, 9317-9323.	4.6	31
91	Standard methods for toxicology research inApis mellifera. Journal of Apicultural Research, 2013, 52, 1-60.	0.7	131
92	Fate of Dermally Applied Miticides Fluvalinate and Amitraz Within Honey Bee (Hymenoptera: Apidae) Bodies. Journal of Economic Entomology, 2013, 106, 558-565.	0.8	29

#	Article	IF	Citations
93	Effect of a Fungicide and Spray Adjuvant on Queen-Rearing Success in Honey Bees (Hymenoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.8	36
94	Balancing Control and Complexity in Field Studies of Neonicotinoids and Honey Bee Health. Insects, 2013, 4, 153-167.	1.0	16
95	Standard methods for maintaining adultApis melliferain cages underin vitrolaboratory conditions. Journal of Apicultural Research, 2013, 52, 1-36.	0.7	230
96	Miscellaneous standard methods forApis melliferaresearch. Journal of Apicultural Research, 2013, 52, 1-53.	0.7	199
97	Exposure to Acetylcholinesterase Inhibitors Alters the Physiology and Motor Function of Honeybees. Frontiers in Physiology, 2013, 4, 13.	1.3	77
98	The Effects of Pesticides on Queen Rearing and Virus Titers in Honey Bees (Apis mellifera L.). Insects, 2013, 4, 71-89.	1.0	90
99	Using a Hazard Quotient to Evaluate Pesticide Residues Detected in Pollen Trapped from Honey Bees (Apis mellifera) in Connecticut. PLoS ONE, 2013, 8, e77550.	1.1	147
100	Honey constituents up-regulate detoxification and immunity genes in the western honey bee Apis mellifera. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 8842-8846.	3.3	246
101	The Amitraz Strips Efficacy in Control of Varroa Destructor After Many Years Application of Amitraz in Apiaries. Journal of Apicultural Science, 2013, 57, 107-121.	0.1	17
102	Short- and long-term effects of neonicotinoid application in rice fields, on the mortality and colony collapse of honeybees (Apis mellifera). Journal of Apicultural Science, 2013, 57, 21-35.	0.1	5
103	Influence of agrochemicals fipronil and imidacloprid on the learning behavior of Apis mellifera L. honeybees - doi: 10.4025/actascianimsci.v35i4.18683. Acta Scientiarum - Animal Sciences, 2013, 35, .	0.3	10
104	Crop Pollination Exposes Honey Bees to Pesticides Which Alters Their Susceptibility to the Gut Pathogen Nosema ceranae. PLoS ONE, 2013, 8, e70182.	1.1	364
105	The Effect of Olfactory Exposure to Non-Insecticidal Agrochemicals on Bumblebee Foraging Behavior. PLoS ONE, 2013, 8, e76273.	1.1	16
106	Field-Level Sublethal Effects of Approved Bee Hive Chemicals on Honey Bees (Apis mellifera L). PLoS ONE, 2013, 8, e76536.	1.1	66
107	A Four-Year Field Program Investigating Long-Term Effects of Repeated Exposure of Honey Bee Colonies to Flowering Crops Treated with Thiamethoxam. PLoS ONE, 2013, 8, e77193.	1.1	168
108	Microbial Ecology of the Hive and Pollination Landscape: Bacterial Associates from Floral Nectar, the Alimentary Tract and Stored Food of Honey Bees (Apis mellifera). PLoS ONE, 2013, 8, e83125.	1.1	233
109	Acaricide, Fungicide and Drug Interactions in Honey Bees (Apis mellifera). PLoS ONE, 2013, 8, e54092.	1.1	256
110	Widespread Occurrence of Chemical Residues in Beehive Matrices from Apiaries Located in Different Landscapes of Western France. PLoS ONE, 2013, 8, e67007.	1.1	132

#	Article	IF	Citations
111	Impact of Systemic Insecticides on Organisms and Ecosystems. , 0, , .		18
112	Evaluation of the Distribution and Impacts of Parasites, Pathogens, and Pesticides on Honey Bee (Apis) Tj ETQq1 1 0.784314 rgBT /Ov	1.1	103
113	Xenobiotic Effects on Intestinal Stem Cell Proliferation in Adult Honey Bee (Apis mellifera L) Workers. PLoS ONE, 2014, 9, e91180.	1.1	22
114	The Bacterial Communities Associated with Honey Bee (Apis mellifera) Foragers. PLoS ONE, 2014, 9, e95056.	1.1	233
115	Environmental Fate of Soil Applied Neonicotinoid Insecticides in an Irrigated Potato Agroecosystem. PLoS ONE, 2014, 9, e97081.	1.1	84
116	Honey Bee Apis mellifera Parasites in the Absence of Nosema ceranae Fungi and Varroa destructor Mites. PLoS ONE, 2014, 9, e98599.	1.1	22
117	Honeybee Colony Disorder in Crop Areas: The Role of Pesticides and Viruses. PLoS ONE, 2014, 9, e103073.	1.1	139
118	Impact of Chronic Neonicotinoid Exposure on Honeybee Colony Performance and Queen Supersedure. PLoS ONE, 2014, 9, e103592.	1.1	182
119	Neonicotinoid-Contaminated Puddles of Water Represent a Risk of Intoxication for Honey Bees. PLoS ONE, 2014, 9, e108443.	1.1	106
120	Pesticides, Food Safety and Integrated Pest Management. , 2014, , 167-199.		11
121	Insect Acetylcholinesterase as a Target for Effective and Environmentally Safe Insecticides. Advances in Insect Physiology, 2014, , 435-494.	1.1	21
122	Chronic impairment of bumblebee natural foraging behaviour induced by sublethal pesticide exposure. Functional Ecology, 2014, 28, 1459-1471.	1.7	220
123	A Survey of Imidacloprid Levels in Water Sources Potentially Frequented by Honeybees (Apis mellifera) in the Eastern USA. Water, Air, and Soil Pollution, 2014, 225, 2127.	1.1	26
124	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
125	Identification of developmentally-specific kinotypes and mechanisms of Varroa mite resistance through whole-organism, kinome analysis of honeybee. Frontiers in Genetics, 2014, 5, 139.	1.1	40
126	Identification and abiotic stress response of a glutamine synthetase gene (AccGS) from the Asiatic honeybee, Apis cerana cerana (Hymenoptera: Apidae). European Journal of Entomology, 2014, 111, 1-9.	1.2	15
127	A Comparative Study of Environmental Conditions, Bee Management and the Epidemiological Situation in Apiaries Varying in the Level of Colony Losses. Journal of Apicultural Science, 2014, 58, 107-132.	0.1	17
128	Overwintered brood comb honey: colony exposure to pesticide residues. Journal of Apicultural Research, 2014, 53, 413-421.	0.7	14

#	Article	IF	Citations
129	Sublethal neonicotinoid insecticide exposure reduces solitary bee reproductive success. Agricultural and Forest Entomology, 2014, 16, 119-128.	0.7	154
130	Impact of chronic exposure to a pyrethroid pesticide on bumblebees and interactions with a trypanosome parasite. Journal of Applied Ecology, 2014, 51, 460-469.	1.9	54
131	Cytotoxic effects of thiamethoxam in the midgut and malpighian tubules of Africanized Apis mellifera (Hymenoptera: Apidae). Microscopy Research and Technique, 2014, 77, 274-281.	1.2	94
132	Contextualising pollination benefits: effect of insecticide and fungicide use on fruit set and weight from bee pollination in lowbush blueberry. Annals of Applied Biology, 2014, 165, 387-394.	1.3	23
133	Evaluating exposure and potential effects on honeybee brood (Apis mellifera) development using glyphosate as an example. Integrated Environmental Assessment and Management, 2014, 10, 463-470.	1.6	80
134	Protecting honey bees: identification of a new varroacide by in silico, in vitro, and in vivo studies. Parasitology Research, 2014, 113, 4601-4610.	0.6	8
135	Insecticides: Impact on the Environment and Human Health. , 2014, , 99-123.		47
136	A large-scale field study examining effects of exposure to clothianidin seed-treated canola on honey bee colony health, development, and overwintering success. PeerJ, 2014, 2, e652.	0.9	109
137	Exposure to neonicotinoids influences the motor function of adult worker honeybees. Ecotoxicology, 2014, 23, 1409-1418.	1.1	149
138	Holistic screening of collapsing honey bee colonies in Spain: a case study. BMC Research Notes, 2014, 7, 649.	0.6	72
139	Risk to Pollinators from the Use of Chlorpyrifos in the United States. Reviews of Environmental Contamination and Toxicology, 2014, 231, 219-265.	0.7	24
140	Pesticide Residues and Bees â€“ A Risk Assessment. PLoS ONE, 2014, 9, e94482.	1.1	615
141	Production of Solitary Bees for Pollination in the United States. , 2014, , 653-681.		13
142	Trace Analysis of Seven Neonicotinoid Insecticides in Bee Pollen by Solidâ€“Liquid Extraction and Liquid Chromatography Coupled to Electrospray Ionization Mass Spectrometry. Food Analytical Methods, 2014, 7, 490-499.	1.3	33
143	Bacterial chitinase with phytopathogen control capacity from suppressive soil revealed by functional metagenomics. Applied Microbiology and Biotechnology, 2014, 98, 2819-2828.	1.7	85
144	Resistance of developing honeybee larvae during chronic exposure to dietary nicotine. Journal of Insect Physiology, 2014, 69, 74-79.	0.9	31
145	Honey bee sociogenomics: a genome-scale perspective on bee social behavior and health. Apidologie, 2014, 45, 375-395.	0.9	28
146	Genomic analysis of the interaction between pesticide exposure and nutrition in honey bees (Apis) Tj ETQq1 1 0.784314 rgBT /Overlo	0.9	158

#	Article	IF	Citations
147	Honey bees, neonicotinoids and bee incident reports: the Canadian situation. Pest Management Science, 2014, 70, 779-783.	1.7	34
148	Potential Exposure of Pollinators to Neonicotinoid Insecticides from the Use of Insecticide Seed Treatments in the Mid-Southern United States. Environmental Science & Technology, 2014, 48, 9762-9769.	4.6	123
149	Risks of neonicotinoid insecticides to honeybees. Environmental Toxicology and Chemistry, 2014, 33, 719-731.	2.2	216
150	Fifty Years Since Silent Spring. Annual Review of Phytopathology, 2014, 52, 377-402.	3.5	59
151	Following beekeeping: More-than-human practice in agrifood. Journal of Rural Studies, 2014, 36, 149-159.	2.1	43
152	Capillary electrophoresisâ€“mass spectrometry as a new approach to analyze neonicotinoid insecticides. Journal of Chromatography A, 2014, 1359, 317-324.	1.8	45
153	Differential insecticide susceptibility of the Neotropical stingless bee Melipona quadrifasciata and the honey bee Apis mellifera. Apidologie, 2014, 45, 626-636.	0.9	65
154	QuEChERS-Based Method for the Multiresidue Analysis of Pesticides in Beeswax by LC-MS/MS and GCÃ—GC-TOF. Journal of Agricultural and Food Chemistry, 2014, 62, 3675-3683.	2.4	72
155	Detection of Spiroplasma melliferum in honey bee colonies in the US. Journal of Invertebrate Pathology, 2014, 119, 47-49.	1.5	8
156	Pesticide residues in honeybees, honey and bee pollen by LCâ€“MS/MS screening: Reported death incidents in honeybees. Science of the Total Environment, 2014, 485-486, 633-642.	3.9	193
157	Thiaclopridâ€“Nosema ceranae interactions in honey bees: Host survivorship but not parasite reproduction is dependent on pesticide dose. Journal of Invertebrate Pathology, 2014, 118, 18-19.	1.5	58
159	Determination of nonylphenol ethoxylate and octylphenol ethoxylate surfactants in beehive samples by high performance liquid chromatography coupled to mass spectrometry. Food Chemistry, 2014, 158, 473-479.	4.2	26
160	Lethal and sub-lethal effects of thymol on honeybee (Apis mellifera) larvae rearedin vitro. Pest Management Science, 2014, 70, 140-147.	1.7	47
161	Determination of Pesticide Residues in Honeybees using Modified QUEChERS Sample Work-Up and Liquid Chromatography-Tandem Mass Spectrometry. Molecules, 2014, 19, 2911-2924.	1.7	48
162	Microbiota associated with pollen, bee bread, larvae and adults of solitary bee Osmia cornuta (Hymenoptera: Megachilidae). Bulletin of Entomological Research, 2015, 105, 470-476.	0.5	37
163	The combined effects of miticides on the mating health of honey bee (Apis melliferaL.) queens. Journal of Apicultural Research, 2015, 54, 275-283.	0.7	37
164	The Acute Oral Toxicity of Commonly Used Pesticides in Iran, to Honeybees (Apis Mellifera Meda). Journal of Apicultural Science, 2015, 59, 17-26.	0.1	3
166	Impact of imidacloprid on new queens of imported fire ants, Solenopsis invicta (Hymenoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock	1.6	19

#	Article	IF	Citations
167	Evidence for pollinator cost and farming benefits of neonicotinoid seed coatings on oilseed rape. Scientific Reports, 2015, 5, 12574.	1.6	61
168	Neonicotinoids and the prevalence of parasites and disease in bees. Bee World, 2015, 92, 34-40.	0.3	8
169	Passive laboratory surveillance in Spain: pathogens as risk factors for honey bee colony collapse. Journal of Apicultural Research, 2015, 54, 525-531.	0.7	10
170	Effects of treatments with Apivar^{Â®} and Thymovar^{Â®} on V. destructor populations, virus infections and indoor winter survival of Canadian honey bee (Apis mellifera) Tj ETQq1 1 0.784314 rgBT /Ove	0.7	34
171	Selection for resistance to Varroa destructor under commercial beekeeping conditions. Journal of Apicultural Research, 2015, 54, 563-576.	0.7	25
172	Biopesticideâ€induced behavioral and morphological alterations in the stingless bee Melipona quadrifasciata. Environmental Toxicology and Chemistry, 2015, 34, 2149-2158.	2.2	54
173	Taskâ€related differential expression of four cytochrome P450 genes in honeybee appendages. Insect Molecular Biology, 2015, 24, 582-588.	1.0	33
174	Honey Bees (Apis mellifera L.) and Pollination Issues: Current status, impacts and potential drivers of decline. Journal of Agricultural Science, 2015, 7, .	0.1	23
175	Colonies of Bumble Bees (Bombus impatiens) Produce Fewer Workers, Less Bee Biomass, and Have Smaller Mother Queens Following Fungicide Exposure. Insects, 2015, 6, 478-488.	1.0	82
176	Neonicotinoid Insecticide Residues in Surface Water and Soil Associated with Commercial Maize (Corn) Fields in Southwestern Ontario. PLoS ONE, 2015, 10, e0118139.	1.1	179
177	Assessment of Chronic Sublethal Effects of Imidacloprid on Honey Bee Colony Health. PLoS ONE, 2015, 10, e0118748.	1.1	139
178	Neonicotinoid-Coated Zea mays Seeds Indirectly Affect Honeybee Performance and Pathogen Susceptibility in Field Trials. PLoS ONE, 2015, 10, e0125790.	1.1	76
179	Characterizing the Impact of Commercial Pollen Substitute Diets on the Level of Nosema spp. in Honey Bees (Apis mellifera L.). PLoS ONE, 2015, 10, e0132014.	1.1	46
180	Larval Exposure to the Juvenile Hormone Analog Pyriproxyfen Disrupts Acceptance of and Social Behavior Performance in Adult Honeybees. PLoS ONE, 2015, 10, e0132985.	1.1	32
181	Genetics, Synergists, and Age Affect Insecticide Sensitivity of the Honey Bee, Apis mellifera. PLoS ONE, 2015, 10, e0139841.	1.1	81
182	A Locomotor Deficit Induced by Sublethal Doses of Pyrethroid and Neonicotinoid Insecticides in the Honeybee Apis mellifera. PLoS ONE, 2015, 10, e0144879.	1.1	62
183	Effects of some insecticides on longevity of the foragers honey bee worker of local honey bee race Apis mellifera jemenatica. Electronic Physician, 2015, 8, 1843-1849.	0.2	7
184	<b><i>Varroa destructor</i> mite in Africanized honeybee colonies <i>Apis mellifera</i> L. under royal jelly or honey production. Acta Scientiarum - Animal Sciences, 2015, 37, 315.	0.3	0

#	Article	IF	Citations
185	Antiviral defense mechanisms in honey bees. Current Opinion in Insect Science, 2015, 10, 71-82.	2.2	162
186	Negative effects of pesticides on wild bee communities can be buffered by landscape context. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20150299.	1.2	144
187	Pesticides: Seeking answers amid a toxic debate. Nature, 2015, 521, S52-S55.	13.7	28
188	Evaluating sub-lethal effects of orchard-applied pyrethroids using video-tracking software to quantify honey bee behaviors. Chemosphere, 2015, 135, 272-277.	4.2	33
189	Validation and monitoring of pesticide residues in honey using QuEChERS and gas chromatographic analysis. Journal of Apicultural Research, 2015, 54, 260-266.	0.7	13
190	A sensitive and efficient method for routine pesticide multiresidue analysis in bee pollen samples using gas and liquid chromatography coupled to tandem mass spectrometry. Journal of Chromatography A, 2015, 1426, 161-173.	1.8	72
191	Honey Bee Toxicology. Annual Review of Entomology, 2015, 60, 415-434.	5.7	252
192	Environmental fate and exposure; neonicotinoids and fipronil. Environmental Science and Pollution Research, 2015, 22, 35-67.	2.7	903
193	Characterization of Trisiloxane Surfactants from Agrochemical Adjuvants and Pollinator-Related Matrices Using Liquid Chromatography Coupled to Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2015, 63, 5120-5125.	2.4	20
194	REVIEW: Emerging viral disease risk to pollinating insects: ecological, evolutionary and anthropogenic factors. Journal of Applied Ecology, 2015, 52, 331-340.	1.9	132
195	Foraging Allocation in the Honey Bee, Apis mellifera L. (Hymenoptera, Apidae), Tuned by the Presence of the Spinosad-Based Pesticide GF-120. Neotropical Entomology, 2015, 44, 166-172.	0.5	5
196	Pesticide-induced oxidative stress in laboratory and field populations of native honey bees along intensive agricultural landscapes in two Eastern Indian states. Apidologie, 2015, 46, 107-129.	0.9	58
197	Chronic exposure to neonicotinoids increases neuronal vulnerability to mitochondrial dysfunction in the bumblebee (Bombus terrestris). FASEB Journal, 2015, 29, 2112-2119.	0.2	76
198	Organophosphorus insecticides in honey, pollen and bees (Apis mellifera L.) and their potential hazard to bee colonies in Egypt. Ecotoxicology and Environmental Safety, 2015, 114, 1-8.	2.9	76
199	The formulation makes the honey bee poison. Pesticide Biochemistry and Physiology, 2015, 120, 27-35.	1.6	119
200	Bee declines driven by combined stress from parasites, pesticides, and lack of flowers. Science, 2015, 347, 1255957.	6.0	2,565
201	Effects of neonicotinoids and fipronil on non-target invertebrates. Environmental Science and Pollution Research, 2015, 22, 68-102.	2.7	639
202	Intersections between neonicotinoid seed treatments and honey bees. Current Opinion in Insect Science, 2015, 10, 8-13.	2.2	55

#	Article	IF	Citations
203	High-throughput HPLCâ€“MS/MS determination of the persistence of neonicotinoid insecticide residues of regulatory interest in dietary bee pollen. Analytical and Bioanalytical Chemistry, 2015, 407, 7101-7110.	1.9	29
204	Dynamics of Apis mellifera Filamentous Virus (AmFV) Infections in Honey Bees and Relationships with Other Parasites. Viruses, 2015, 7, 2654-2667.	1.5	44
205	Willows (Salix spp.) as pollen and nectar sources for sustaining fruit and berry pollinating insects. Canadian Journal of Plant Science, 2015, 95, 505-516.	0.3	31
206	Detoxification mechanisms of honey bees (Apis mellifera) resulting in tolerance of dietary nicotine. Scientific Reports, 2015, 5, 11779.	1.6	142
207	Assessing Honey Bee (Hymenoptera: Apidae) Foraging Populations and the Potential Impact of Pesticides on Eight U.S. Crops. Journal of Economic Entomology, 2015, 108, 2141-2152.	0.8	39
208	Pesticides and pollinators: a context-sensitive policy approach. Current Opinion in Insect Science, 2015, 10, 149-155.	2.2	18
209	In vitro effects of thiamethoxam on larvae of Africanized honey bee Apis mellifera (Hymenoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	4.2	74
210	Overwintering honey bees: biology and management. Current Opinion in Insect Science, 2015, 10, 185-193.	2.2	138
211	Effects of â€˜inactiveâ€™ ingredients on bees. Current Opinion in Insect Science, 2015, 10, 194-200.	2.2	60
212	QuEChERS Adaptability for the Analysis of Pesticide Residues in Beehive Products Seeking the Development of an Agroecosystem Sustainability Monitor. Journal of Agricultural and Food Chemistry, 2015, 63, 4484-4492.	2.4	56
213	Pesticides for Apicultural and/or Agricultural Application Found in Belgian Honey Bee Wax Combs. Bulletin of Environmental Contamination and Toxicology, 2015, 94, 543-548.	1.3	86
214	Effects, but no interactions, of ubiquitous pesticide and parasite stressors on honey bee (<scp>A</scp>pis mellifera) lifespan and behaviour in a colony environment. Environmental Microbiology, 2015, 17, 4322-4331.	1.8	47
215	Exposure of honeybees (Apis mellifera) in Saskatchewan, Canada to organophosphorus insecticides. Apidologie, 2015, 46, 667-678.	0.9	17
216	Xenobiotic detoxification pathways in honey bees. Current Opinion in Insect Science, 2015, 10, 51-58.	2.2	284
217	Î²-CD/ATP composite materials for use in dispersive solid-phase extraction to measure (fluoro)quinolone antibiotics in honey samples. Analytica Chimica Acta, 2015, 878, 131-139.	2.6	42
218	Trace-level determination of pyrethroid, neonicotinoid and carboxamide pesticides in beeswax using dispersive solid-phase extraction followed by ultra-high-performance liquid chromatography-tandem mass spectrometry. International Journal of Environmental Analytical Chemistry, 2015, 95, 240-257.	1.8	22
219	Development and comparison of two multi-residue methods for the analysis of select pesticides in honey bees, pollen, and wax by gas chromatographyâ€“quadrupole mass spectrometry. Talanta, 2015, 140, 81-87.	2.9	52
220	Sublethal Effect of Imidacloprid onSolenopsis invicta(Hymenoptera: Formicidae) Feeding, Digging, and Foraging Behavior. Environmental Entomology, 2015, 44, 1544-1552.	0.7	27

#	Article	IF	Citations
221	Effects of environmentally-relevant mixtures of four common organophosphorus insecticides on the honey bee (Apis mellifera L.). Journal of Insect Physiology, 2015, 82, 85-91.	0.9	26
222	Differential gene expression between hygienic and non-hygienic honeybee (Apis mellifera L.) hives. BMC Genomics, 2015, 16, 500.	1.2	38
223	Neonicotinoid Residues in Wildflowers, a Potential Route of Chronic Exposure for Bees. Environmental Science & Technology, 2015, 49, 12731-12740.	4.6	324
224	Pesticide residues analysis in honey using ethyl acetate extraction method: validation and pilot survey in real samples. International Journal of Environmental Analytical Chemistry, 2015, 95, 894-910.	1.8	12
225	Liquid chromatography-tandem mass spectrometry determination for multiclass pesticides from insect samples by microwave-assisted solvent extraction followed by a salt-out effect and micro-dispersion purification. Analytica Chimica Acta, 2015, 891, 160-170.	2.6	42
226	Effects of Oral Exposure to Fungicides on Honey Bee Nutrition and Virus Levels. Journal of Economic Entomology, 2015, 108, 2518-2528.	0.8	80
227	Spray Toxicity and Risk Potential of 42 Commonly Used Formulations of Row Crop Pesticides to Adult Honey Bees (Hymenoptera: Apidae). Journal of Economic Entomology, 2015, 108, 2640-2647.	0.8	77
228	Sensitive determination of mixtures of neonicotinoid and fungicide residues in pollen and single bumblebees using a scaled down QuEChERS method for exposure assessment. Analytical and Bioanalytical Chemistry, 2015, 407, 8151-8162.	1.9	79
229	A neonicotinoid, imidacloprid, impairs honey bee aversive learning of simulated predation. Journal of Experimental Biology, 2015, 218, 3199-205.	0.8	37
230	Gut Symbionts from Distinct Hosts Exhibit Genotoxic Activity via Divergent Colibactin Biosynthesis Pathways. Applied and Environmental Microbiology, 2015, 81, 1502-1512.	1.4	65
231	Effects of atrazine exposure on male reproductive performance in Drosophila melanogaster. Journal of Insect Physiology, 2015, 72, 14-21.	0.9	24
232	Delayed and time-cumulative toxicity of imidacloprid in bees, ants and termites. Scientific Reports, 2014, 4, 5566.	1.6	146
233	Effects of realistic doses of atrazine, metolachlor, and glyphosate on lipid peroxidation and diet-derived antioxidants in caged honey bees (Apis mellifera). Environmental Science and Pollution Research, 2015, 22, 8010-8021.	2.7	79
234	In-Hive Miticides and their Effect on Queen Supersedure and Colony Growth in the Honey Bee (Apis) Tj ETQq1 1 0.784314 rgBT /Over		20
235	Enfraquecimento e perda de colÃ´nias de abelhas no Brasil: hÃ¡ casos de CCD?. Pesquisa Agropecuaria Brasileira, 2016, 51, 422-442.	0.9	46
236	Current Use Pesticides. , 2016, , 109-152.		1
237	Impacts of Pesticides on Honey Bees. , 2016, , .		35
238	Honey Bee Gut Microbiome Is Altered by In-Hive Pesticide Exposures. Frontiers in Microbiology, 2016, 7, 1255.	1.5	165

#	Article	IF	Citations
239	Effects of Pesticide Treatments on Nutrient Levels in Worker Honey Bees (Apis mellifera). Insects, 2016, 7, 8.	1.0	11
240	Multi-Residue Analysis of Pesticide Residues in Crude Pollens by UPLC-MS/MS. Molecules, 2016, 21, 1652.	1.7	32
241	Colony Failure Linked to Low Sperm Viability in Honey Bee (Apis mellifera) Queens and an Exploration of Potential Causative Factors. PLoS ONE, 2016, 11, e0147220.	1.1	78
242	Honeybees Produce Millimolar Concentrations of Non-Neuronal Acetylcholine for Breeding: Possible Adverse Effects of Neonicotinoids. PLoS ONE, 2016, 11, e0156886.	1.1	32
243	Variations in the Availability of Pollen Resources Affect Honey Bee Health. PLoS ONE, 2016, 11, e0162818.	1.1	126
244	Interactive effects of pesticide exposure and pathogen infection on bee healthÂâ€“Âa critical analysis. Biological Reviews, 2016, 91, 1006-1019.	4.7	62
245	Efficacy of a Juncus effusus extract on grapevine and apple plants against Plasmopara viticola and Venturia inaequalis, and identification of the major active constituent. Pest Management Science, 2016, 72, 1718-1726.	1.7	24
246	Fast determination of neonicotinoid insecticides in bee pollen using QuEChERS and ultraâ€high performance liquid chromatography coupled to quadrupole timeâ€ofâ€flight mass spectrometry. Electrophoresis, 2016, 37, 2470-2477.	1.3	31
247	A 10 year survey of acaricide residues in beeswax analysed in Italy. Pest Management Science, 2016, 72, 1366-1372.	1.7	43
248	Basic algorithms for bee hive monitoring and laser-based mite control. , 2016, , .		16
249	Determination of pesticide residues in honey: a preliminary study from two of Africaâ€™s largest honey producers. International Journal of Food Contamination, 2016, 3, .	2.2	20
250	Acute Exposure to Worst-Case Concentrations of Amitraz Does Not Affect Honey Bee Learning, Short-Term Memory, or Hemolymph Octopamine Levels. Journal of Economic Entomology, 2017, 110, tow250.	0.8	8
251	A mechanistic model to assess risks to honeybee colonies from exposure to pesticides under different scenarios of combined stressors and factors. EFSA Supporting Publications, 2016, 13, 1069E.	0.3	8
252	Combined effect of pollen quality and thiamethoxam on hypopharyngeal gland development and protein content in Apis mellifera. Apidologie, 2016, 47, 779-788.	0.9	51
253	Effects of the herbicide dicamba on nontarget plants and pollinator visitation. Environmental Toxicology and Chemistry, 2016, 35, 144-151.	2.2	73
254	Rapid and Reliable Method for Analyzing Acaricides in Honey-Based Products. Food Analytical Methods, 2016, 9, 1675-1685.	1.3	10
255	The neonicotinoid pesticide, imidacloprid, affects Bombus impatiens (bumblebee) sonication behavior when consumed at doses below the LD50. Ecotoxicology, 2016, 25, 1150-1159.	1.1	29
256	Detection and quantification of boscalid and its metabolites in honeybees. Chemosphere, 2016, 156, 245-251.	4.2	20

#	Article	IF	Citations
257	Rising atmospheric CO ₂ is reducing the protein concentration of a floral pollen source essential for North American bees. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20160414.	1.2	69
258	Optimization of solar irradiated Fenton treatment of pesticide chlorpyrifos wastewater by response surface methodology. Environmental Earth Sciences, 2016, 75, 1.	1.3	4
259	Abiotic and biotic factors affecting the replication and pathogenicity of bee viruses. Current Opinion in Insect Science, 2016, 16, 14-21.	2.2	39
260	Review of field and monitoring studies investigating the role of nitro-substituted neonicotinoid insecticides in the reported losses of honey bee colonies (Apis mellifera). Ecotoxicology, 2016, 25, 1617-1629.	1.1	52
261	Whole-Organism Cellular Pathology. Advances in Genetics, 2016, 95, 89-115.	0.8	14
262	Effects of a neonicotinoid pesticide on thermoregulation of African honey bees (Apis mellifera) Tj ETQq1 1 0.784314 rgBT /Overlock 1	0.9	72
263	Bee pollen as a bioindicator of environmental pesticide contamination. Chemosphere, 2016, 163, 525-534.	4.2	67
264	Pesticide Toxicity to Pollinators: Exposure, Toxicity and Risk Assessment Methodologies. , 2016, , 153-228.		4
265	Screening of pesticide residues in honeybee wax comb by LC-ESI-MS/MS. A pilot study. Chemosphere, 2016, 163, 44-53.	4.2	56
266	Probiotic Lactobacillus rhamnosus Reduces Organophosphate Pesticide Absorption and Toxicity to Drosophila melanogaster. Applied and Environmental Microbiology, 2016, 82, 6204-6213.	1.4	83
267	Migratory management and environmental conditions affect lifespan and oxidative stress in honey bees. Scientific Reports, 2016, 6, 32023.	1.6	114
268	Assessing the health status of managed honeybee colonies (HEALTHY-B): a toolbox to facilitate harmonised data collection. EFSA Journal, 2016, 14, e04578.	0.9	24
269	The Canary in the Coalmine; Bee Declines as an Indicator of Environmental Health. Science Progress, 2016, 99, 312-326.	1.0	36
270	Atrazine exposure affects longevity, development time and body size in Drosophila melanogaster. Journal of Insect Physiology, 2016, 91-92, 18-25.	0.9	32
271	Residues in Beeswax: A Health Risk for the Consumer of Honey and Beeswax?. Journal of Agricultural and Food Chemistry, 2016, 64, 8425-8434.	2.4	46
272	Neonicotinoid-contaminated pollinator strips adjacent to cropland reduce honey bee nutritional status. Scientific Reports, 2016, 6, 29608.	1.6	87
273	Drone exposure to the systemic insecticide Fipronil indirectly impairs queen reproductive potential. Scientific Reports, 2016, 6, 31904.	1.6	60
274	Non-cultivated plants present a season-long route of pesticide exposure for honey bees. Nature Communications, 2016, 7, 11629.	5.8	211

#	Article	IF	Citations
275	In-hive Pesticide Exposome: Assessing risks to migratory honey bees from in-hive pesticide contamination in the Eastern United States. Scientific Reports, 2016, 6, 33207.	1.6	148
276	Queens become workers: pesticides alter caste differentiation in bees. Scientific Reports, 2016, 6, 31605.	1.6	28
277	Honey Beesâ€™ Behavior Is Impaired by Chronic Exposure to the Neonicotinoid Thiacloprid in the Field. Environmental Science & Technology, 2016, 50, 7218-7227.	4.6	157
278	Land use in the Northern Great Plains region of the U.S. influences the survival and productivity of honey bee colonies. Agriculture, Ecosystems and Environment, 2016, 230, 139-149.	2.5	97
279	Sublethal effects of acaricides and Nosema ceranae infection on immune related gene expression in honeybees. Veterinary Research, 2016, 47, 51.	1.1	30
280	Quo vadis Aethina tumida? Biology and control of small hive beetles. Apidologie, 2016, 47, 427-466.	0.9	108
281	Toxicity, monitoring and biodegradation of the fungicide carbendazim. Environmental Chemistry Letters, 2016, 14, 317-329.	8.3	254
282	Multi-residue method for the determination of pesticides and pesticide metabolites in honeybees by liquid and gas chromatography coupled with tandem mass spectrometryâ€"Honeybee poisoning incidents. Journal of Chromatography A, 2016, 1435, 100-114.	1.8	134
283	Acute exposure to selenium disrupts associative conditioning and long-term memory recall in honey bees (Apis mellifera). Ecotoxicology and Environmental Safety, 2016, 127, 71-79.	2.9	43
284	Survey and Risk Assessment ofApis mellifera(Hymenoptera: Apidae) Exposure to Neonicotinoid Pesticides in Urban, Rural, and Agricultural Settings. Journal of Economic Entomology, 2016, 109, 520-528.	0.8	31
285	The neonicotinoids thiacloprid, imidacloprid, and clothianidin affect the immunocompetence of honey bees (Apis mellifera L.). Journal of Insect Physiology, 2016, 86, 40-47.	0.9	304
286	The effect of dicyclohexylamine and fumagillin on Nosema ceranae-infected honey bee (Apis mellifera) mortality in cage trial assays. Apidologie, 2016, 47, 663-670.	0.9	28
287	Pollen Contaminated With Field-Relevant Levels of Cyhalothrin Affects Honey Bee Survival, Nutritional Physiology, and Pollen Consumption Behavior. Journal of Economic Entomology, 2016, 109, 41-48.	0.8	22
288	Improvement of bait sprays for the control of Bactrocera oleae (Diptera: Tephritidae). Crop Protection, 2016, 81, 1-8.	1.0	15
289	Simultaneous determination of 200 pesticide residues in honey using gas chromatographyâ€"tandem mass spectrometry in conjunction with streamlined quantification approach. Journal of Chromatography A, 2016, 1427, 142-160.	1.8	59
290	Molecular Effects of Neonicotinoids in Honey Bees (Apis mellifera). Environmental Science & Technology, 2016, 50, 4071-4081.	4.6	116
291	Chronic toxicity and physiological changes induced in the honey bee by the exposure to fipronil and Bacillus thuringiensis spores alone or combined. Ecotoxicology and Environmental Safety, 2016, 127, 205-213.	2.9	44
292	The fungicide PristineÂ® inhibits mitochondrial function in vitro but not flight metabolic rates in honey bees. Journal of Insect Physiology, 2016, 86, 11-16.	0.9	44

#	Article	IF	Citations
293	Response to Comment on â€œNeonicotinoid Residues in Wildflowers, A Potential Route of Chronic Exposure for Beesâ€• Environmental Science & Technology, 2016, 50, 1630-1631.	4.6	4
294	Measurements of Chlorpyrifos Levels in Forager Bees and Comparison with Levels that Disrupt Honey Bee Odor-Mediated Learning Under Laboratory Conditions. Journal of Chemical Ecology, 2016, 42, 127-138.	0.9	53
295	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
296	Modulation of pesticide response in honeybees. Apidologie, 2016, 47, 412-426.	0.9	62
297	Concentrations of neonicotinoid insecticides in honey, pollen and honey bees (Apis mellifera L.) in central Saskatchewan, Canada. Chemosphere, 2016, 144, 2321-2328.	4.2	117
298	Screening of environmental contaminants in honey bee wax comb using gas chromatographyâ€“high-resolution time-of-flight mass spectrometry. Environmental Science and Pollution Research, 2016, 23, 4609-4620.	2.7	26
299	Influence of pesticide use in fruit orchards during blooming on honeybee mortality in 4 experimental apiaries. Science of the Total Environment, 2016, 541, 33-41.	3.9	58
300	Determination of selected environmental contaminants in foraging honeybees. Talanta, 2016, 148, 1-6.	2.9	18
301	Exposure of native bees foraging in an agricultural landscape to current-use pesticides. Science of the Total Environment, 2016, 542, 469-477.	3.9	177
302	Does the Honey Bee â€œRisk Cupâ€•Runneth Over? Estimating Aggregate Exposures for Assessing Pesticide Risks to Honey Bees in Agroecosystems. Journal of Agricultural and Food Chemistry, 2016, 64, 13-20.	2.4	37
303	Prochloraz and coumaphos induce different gene expression patterns in three developmental stages of the Carniolan honey bee (Apis mellifera carnica Pollmann). Pesticide Biochemistry and Physiology, 2016, 128, 68-75.	1.6	41
304	Distributions of neonicotinoid insecticides in the Commonwealth of Massachusetts: a temporal and spatial variation analysis for pollen and honey samples. Environmental Chemistry, 2016, 13, 4.	0.7	28
305	Occurrence of pesticide residues in candies containing bee products. Food Control, 2017, 72, 293-299.	2.8	17
306	Weight of evidence evaluation of a network of adverse outcome pathways linking activation of the nicotinic acetylcholine receptor in honey bees to colony death. Science of the Total Environment, 2017, 584-585, 751-775.	3.9	45
307	Regulation of genes related to immune signaling and detoxification in Apis mellifera by an inhibitor of histone deacetylation. Scientific Reports, 2017, 7, 41255.	1.6	36
308	Neonicotinoids transference from the field to the hive by honey bees: Towards a pesticide residues biomonitor. Science of the Total Environment, 2017, 581-582, 25-31.	3.9	32
309	Two commercial formulations of natural compounds for Varroa destructor (Acari: Varroidae) control on Africanized bees under tropical climatic conditions. Journal of Apicultural Research, 2017, 56, 58-62.	0.7	1
310	Sublethal pesticide doses negatively affect survival and the cellular responses in American foulbrood-infected honeybee larvae. Scientific Reports, 2017, 7, 40853.	1.6	49

#	Article	IF	Citations
311	Proteomic and metabolomic analysis reveals rapid and extensive nicotine detoxification ability in honey bee larvae. Insect Biochemistry and Molecular Biology, 2017, 82, 41-51.	1.2	36
312	Quantifying exposure of wild bumblebees to mixtures of agrochemicals in agricultural and urban landscapes. Environmental Pollution, 2017, 222, 73-82.	3.7	107
313	The Neonicotinoid Insecticide Thiacloprid Impacts upon Bumblebee Colony Development under Field Conditions. Environmental Science & Technology, 2017, 51, 1727-1732.	4.6	74
314	An Inert Pesticide Adjuvant Synergizes Viral Pathogenicity and Mortality in Honey Bee Larvae. Scientific Reports, 2017, 7, 40499.	1.6	74
315	Early life stress affects mortality rate more than social behavior, gene expression or oxidative damage in honey bee workers. Experimental Gerontology, 2017, 90, 19-25.	1.2	18
316	Effects of synthetic acaricides on honey bee grooming behavior against the parasitic Varroa destructor mite. Apidologie, 2017, 48, 483-494.	0.9	22
317	The exposure of honey bees (Apis mellifera ; Hymenoptera: Apidae) to pesticides: Room for improvement in research. Science of the Total Environment, 2017, 587-588, 423-438.	3.9	50
318	Agricultural pesticides and veterinary substances in Uruguayan beeswax. Chemosphere, 2017, 177, 77-83.	4.2	29
319	Performance of honey bee colonies under a long-lasting dietary exposure to sublethal concentrations of the neonicotinoid insecticide thiacloprid. Pest Management Science, 2017, 73, 1334-1344.	1.7	29
320	Multiple pesticide residues in live and poisoned honeybees â€“ÂPreliminary exposure assessment. Chemosphere, 2017, 175, 36-44.	4.2	60
321	Agrochemical synergism imposes higher risk to Neotropical bees than toÂhoneybees. Royal Society Open Science, 2017, 4, 160866.	1.1	50
322	Disruption of quercetin metabolism by fungicide affects energy production in honey bees (<i>Apis) Tj ETQq1 1 0.784314 rgBT /Overlock 114, 2538-2543.	3.3	112
323	Exposure of honey bees (Apis mellifera) to different classes of insecticides exhibit distinct molecular effect patterns at concentrations that mimic environmental contamination. Environmental Pollution, 2017, 226, 48-59.	3.7	52
324	Agricultural Landscape and Pesticide Effects on Honey Bee (Hymenoptera: Apidae) Biological Traits. Journal of Economic Entomology, 2017, 110, 835-847.	0.8	33
325	High pesticide risk to honey bees despite low focal crop pollen collection during pollination of a mass blooming crop. Scientific Reports, 2017, 7, 46554.	1.6	91
326	Limited impacts of truck-based ultra-low-volume applications of mosquito adulticides on mortality in honey bees (Apis mellifera). Bulletin of Entomological Research, 2017, 107, 724-733.	0.5	5
327	A Mathematical Model of Forager Loss in Honeybee Colonies Infested with Varroa destructor and the Acute Bee Paralysis Virus. Bulletin of Mathematical Biology, 2017, 79, 1218-1253.	0.9	33
328	The Synergistic Effects of Almond Protection Fungicides on Honey Bee (Hymenoptera: Apidae) Forager Survival. Journal of Economic Entomology, 2017, 110, 802-808.	0.8	48

#	Article	IF	Citations
329	Formetanate toxicity and changes in antioxidant enzyme system of Apis mellifera larvae. Environmental Science and Pollution Research, 2017, 24, 14060-14070.	2.7	22
330	From Humble Bee to Greenhouse Pollination Workhorse: Can We Mitigate Risks for Bumble Bees?. Bee World, 2017, 94, 34-41.	0.3	11
331	Acute toxicity of five pesticides to <scp>Apis mellifera</scp> larvae reared in vitro. Pest Management Science, 2017, 73, 2282-2286.	1.7	55
332	ATP-sensitive inwardly rectifying potassium channel modulators alter cardiac function in honey bees. Journal of Insect Physiology, 2017, 99, 95-100.	0.9	15
333	Chronic exposure of honeybees, Apis mellifera (Hymenoptera: Apidae), to a pesticide mixture in realistic field exposure rates. Apidologie, 2017, 48, 353-363.	0.9	26
334	Exposure of larvae to thiamethoxam affects the survival and physiology of the honey bee at post-embryonic stages. Environmental Pollution, 2017, 229, 386-393.	3.7	59
335	Honey bee pathogens in Ghana and the presence of contaminated beeswax. Apidologie, 2017, 48, 732-742.	0.9	6
336	Risk assessment of the endocrine-disrupting effects of nine chiral pesticides. Journal of Hazardous Materials, 2017, 338, 57-65.	6.5	42
337	Differential physiological effects of neonicotinoid insecticides on honey bees: A comparison between Apis mellifera and Apis cerana. Pesticide Biochemistry and Physiology, 2017, 140, 1-8.	1.6	75
338	Non-target evaluation of contaminants in honey bees and pollen samples by gas chromatography time-of-flight mass spectrometry. Chemosphere, 2017, 184, 1310-1319.	4.2	43
339	Ornamental plants on sale to the public are a significant source of pesticide residues with implications for the health of pollinating insects. Environmental Pollution, 2017, 228, 297-304.	3.7	72
340	A Novel Sensitive Luminescence Probe Microspheres for Rapid and Efficient Detection of Ï„-Fluvalinate in Taihu Lake. Scientific Reports, 2017, 7, 46635.	1.6	10
341	Population Growth of Varroa destructor (Acari: Varroidae) in Colonies of Russian and Unselected Honey Bee (Hymenoptera: Apidae) Stocks as Related to Numbers of Foragers With Mites. Journal of Economic Entomology, 2017, 110, 809-815.	0.8	6
342	Biophysical characterization of the Varroa destructor Na _V 1 sodium channel and its affinity for Ï„â€fluvalinate insecticide. FASEB Journal, 2017, 31, 3066-3071.	0.2	10
343	Coumaphos residues in honey, bee brood, and beeswax after Varroa treatment. Apidologie, 2017, 48, 588-598.	0.9	33
344	Toxicity of organophosphorus pesticides to the stingless bees Scaptotrigona bipunctata and Tetragonisca fiebrigi. Apidologie, 2017, 48, 612-620.	0.9	23
345	Spring mortality in honey bees in northeastern Italy: detection of pesticides and viruses in dead honey bees and other matrices. Journal of Apicultural Research, 2017, 56, 239-254.	0.7	22
346	Effects of Bacillus thuringiensis strains virulent to Varroa destructor on larvae and adults of Apis mellifera. Ecotoxicology and Environmental Safety, 2017, 142, 69-78.	2.9	10

#	Article	IF	Citations
347	Effects of steel foundation wire on elemental content and hygienic removal of honey bee (Apis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 74	0.7	2
348	Scientometric overview in nanopesticides. , 2017, , 719-744.		5
349	Spontaneous honeybee behaviour is altered by persistent organic pollutants. Ecotoxicology, 2017, 26, 141-150.	1.1	10
350	Pesticide residues in propolis from Spain and Chile. An approach using near infrared spectroscopy. Talanta, 2017, 165, 533-539.	2.9	44
351	Sublethal Effects of the Neonicotinoid Insecticide Thiamethoxam on the Transcriptome of the Honey Bees (Hymenoptera: Apidae). Journal of Economic Entomology, 2017, 110, 2283-2289.	0.8	57
352	Agricultural pesticide residues in honey and wax combs from Southeastern, Central and Northeastern Mexico. Journal of Apicultural Research, 2017, 56, 667-679.	0.7	29
353	Detrimental interactions of neonicotinoid pesticide exposure and bumblebee immunity. Journal of Experimental Zoology Part A: Ecological and Integrative Physiology, 2017, 327, 273-283.	0.9	30
354	Oral administration of essential oils and main components: Study on honey bee survival and Nosema ceranae development. Journal of Apicultural Research, 2017, 56, 616-624.	0.7	17
355	Efficacy of plant-derived formulation â€œArgus Rasâ€•in Varroa destructor control. Acta Veterinaria, 2017, 67, 191-200.	0.2	23
356	Predicting Both Obvious and Obscure Effects of Pesticides on Bees. , 2017, , 39-59.		2
357	Fungi and the Effects of Fungicides on the Honey Bee Colony. , 2017, , 73-90.		6
358	Peptide biomarkers used for the selective breeding of a complex polygenic trait in honey bees. Scientific Reports, 2017, 7, 8381.	1.6	41
359	Sublethal Effects of Pesticides on Queen-Rearing Success. , 2017, , 61-72.		1
360	Empirical, Metagenomic, and Computational Techniques Illuminate the Mechanisms by which Fungicides Compromise Bee Health. Journal of Visualized Experiments, 2017, , .	0.2	12
361	Efficacy of extracts from eight economically important forestry species against grapevine downy mildew (Plasmopara viticola) and identification of active constituents. Crop Protection, 2017, 102, 104-109.	1.0	13
362	Metabolism of N-Methyl-2-Pyrrolidone in Honey Bee Adults and Larvae: Exploring Age Related Differences in Toxic Effects. Environmental Science & Technology, 2017, 51, 11412-11422.	4.6	13
363	Ecological and evolutionary approaches to managing honeybee disease. Nature Ecology and Evolution, 2017, 1, 1250-1262.	3.4	73
364	Video Tracking Protocol to Screen Deterrent Chemistries for Honey Bees. Journal of Visualized Experiments, 2017, , .	0.2	2

#	Article	IF	Citations
365	Evaluating the Effect of Environmental Chemicals on Honey Bee Development from the Individual to Colony Level. Journal of Visualized Experiments, 2017, , .	0.2	6
366	Revealing Pesticide Residues Under High Pesticide Stress in Taiwanâ€™s Agricultural Environment Probed by Fresh Honey Bee (Hymenoptera: Apidae) Pollen. Journal of Economic Entomology, 2017, 110, 1947-1958.	0.8	14
367	Impact of Thiamethoxam on Honey Bee Queen (Apis mellifera carnica) Reproductive Morphology and Physiology. Bulletin of Environmental Contamination and Toxicology, 2017, 99, 297-302.	1.3	30
368	Immunosuppression in Honeybee Queens by the Neonicotinoids Thiacloprid and Clothianidin. Scientific Reports, 2017, 7, 4673.	1.6	56
369	Cytochrome P450 genes from the aquatic midge Chironomus tentans: Atrazine-induced up-regulation of CtCYP6EX3 enhanced the toxicity of chlorpyrifos. Chemosphere, 2017, 186, 68-77.	4.2	25
370	Amitraz and its metabolite modulate honey bee cardiac function and tolerance to viral infection. Journal of Invertebrate Pathology, 2017, 149, 119-126.	1.5	34
371	The Exposure of Honey Bees to Pesticide Residues in the Hive Environment with Regard to Winter Colony Losses. Journal of Apicultural Science, 2017, 61, 105-125.	0.1	26
372	Thiamethoxam and picoxystrobin reduce the survival and overload the hepato-nephrocitic system of the Africanized honeybee. Chemosphere, 2017, 186, 994-1005.	4.2	51
373	Matrix solid-phase dispersion extraction of organophosphorous pesticides from beeswax. International Journal of Environmental Analytical Chemistry, 2017, 97, 831-840.	1.8	4
374	Honey beeâ€collected pollen in agroâ€ecosystems reveals diet diversity, diet quality, and pesticide exposure. Ecology and Evolution, 2017, 7, 7243-7253.	0.8	53
375	Temporal dynamics of whole body residues of the neonicotinoid insecticide imidacloprid in live or dead honeybees. Scientific Reports, 2017, 7, 6288.	1.6	16
376	Behavioral responses of honey bees (Apis mellifera) to natural and synthetic xenobiotics in food. Scientific Reports, 2017, 7, 15924.	1.6	67
377	Quantitative weight of evidence assessment of higher-tier studies on the toxicity and risks of neonicotinoids in honeybees. 2. Imidacloprid. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2017, 20, 330-345.	2.9	19
378	Quantitative weight of evidence assessment of higher-tier studies on the toxicity and risks of neonicotinoid insecticides in honeybees 1: Methods. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2017, 20, 316-329.	2.9	11
379	Quantitative weight of evidence assessment of higher tier studies on the toxicity and risks of neonicotinoids in honeybees. 4. Thiamethoxam. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2017, 20, 365-382.	2.9	11
380	Landscape predictors of pathogen prevalence and range contractions in US bumblebees. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20172181.	1.2	70
381	Larval exposure to thiamethoxam and American foulbrood: effects on mortality and cognition in the honey bee Apis mellifera. Journal of Apicultural Research, 2017, 56, 475-486.	0.7	17
382	Thiacloprid alters social interactions among honey bee workers (Apis mellifera). Journal of Apicultural Research, 2017, 56, 467-474.	0.7	18

#	Article	IF	Citations
383	Can the exposure of Apis mellifera (Hymenoptera, Apiadae) larvae to a field concentration of thiamethoxam affect newly emerged bees?. Chemosphere, 2017, 185, 56-66.	4.2	39
384	Chronic exposure to neonicotinoids reduces honey bee health near corn crops. Science, 2017, 356, 1395-1397.	6.0	385
385	Occurrence of pesticide residues in Spanish beeswax. Science of the Total Environment, 2017, 605-606, 745-754.	3.9	66
386	Binary mixtures of neonicotinoids show different transcriptional changes than single neonicotinoids in honeybees (Apis mellifera). Environmental Pollution, 2017, 220, 1264-1270.	3.7	35
387	Comparative toxicity of pesticides and environmental contaminants in bees: Are honey bees a useful proxy for wild bee species?. Science of the Total Environment, 2017, 578, 357-365.	3.9	106
388	Bee conservation in the age of genomics. Conservation Genetics, 2017, 18, 713-729.	0.8	50
389	Mixtures of herbicides and metals affect the redox system of honey bees. Chemosphere, 2017, 168, 163-170.	4.2	47
390	Multiresidue method for trace pesticide analysis in honeybee wax comb by GC-QqQ-MS. Talanta, 2017, 163, 54-64.	2.9	49
391	Current knowledge of detoxification mechanisms of xenobiotic in honey bees. Ecotoxicology, 2017, 26, 1-12.	1.1	94
392	Synergistic mortality between a neonicotinoid insecticide and an ergosterolâ€biosynthesisâ€inhibiting fungicide in three bee species. Pest Management Science, 2017, 73, 1236-1243.	1.7	164
393	A scientific note on seasonal levels of pesticide residues in honey bee worker tissues. Apidologie, 2017, 48, 128-130.	0.9	10
394	Honey bee gut microbial communities are robust to the fungicide PristineÂ® consumed in pollen. Apidologie, 2017, 48, 340-352.	0.9	21
395	Sublethal exposure to neonicotinoids and related side effects on insect pollinators: honeybees, bumblebees, and solitary bees. Journal of Plant Diseases and Protection, 2017, 124, 1-30.	1.6	60
396	Influence of the Neonicotinoid Insecticide Thiamethoxam on miRNA Expression in the Honey Bee (Hymenoptera: Apidae). Journal of Insect Science, 2017, 17, .	0.6	21
397	Monitoring Colony-level Effects of Sublethal Pesticide Exposure on Honey Bees. Journal of Visualized Experiments, 2017, , .	0.2	7
398	Field-relevant doses of the systemic insecticide fipronil and fungicide pyraclostrobin impair mandibular and hypopharyngeal glands in nurse honeybees (Apis mellifera). Scientific Reports, 2017, 7, 15217.	1.6	46
399	Influence of Varroa Mite (Varroa destructor) Management Practices on Insecticide Sensitivity in the Honey Bee (Apis mellifera). Insects, 2017, 8, 9.	1.0	20
400	Impacts of Dietary Phytochemicals in the Presence and Absence of Pesticides on Longevity of Honey Bees (Apis mellifera). Insects, 2017, 8, 22.	1.0	53

#	Article	IF	Citations
401	Arthropod Pest Control for UK Oilseed Rape â€“ Comparing Insecticide Efficacies, Side Effects and Alternatives. PLoS ONE, 2017, 12, e0169475.	1.1	17
402	Neonicotinoid pesticides can reduce honeybee colony genetic diversity. PLoS ONE, 2017, 12, e0186109.	1.1	51
403	Exposure of Honey Bee (Apis mellifera L.) Colonies to Pesticides in Pollen, A Statewide Assessment in Maine. Environmental Entomology, 2018, 47, 378-387.	0.7	28
404	Potential human exposures to neonicotinoid insecticides: A review. Environmental Pollution, 2018, 236, 71-81.	3.7	154
405	Seasonal Effects and the Impact of In-Hive Pesticide Treatments on Parasite, Pathogens, and Health of Honey Bees. Journal of Economic Entomology, 2018, 111, 517-527.	0.8	7
406	Routes of Pesticide Exposure in Solitary, Cavity-Nesting Bees. Environmental Entomology, 2018, 47, 499-510.	0.7	56
407	Histone deacetylase inhibitor treatment restores memoryâ€related gene expression and learning ability in neonicotinoidâ€treated Apis mellifera. Insect Molecular Biology, 2018, 27, 512-521.	1.0	21
408	Beehives biomonitor pesticides in agroecosystems: Simple chemical and biological indicators evaluation using Support Vector Machines (SVM). Ecological Indicators, 2018, 91, 149-154.	2.6	17
409	Chronic toxicity of amitraz, coumaphos and fluvalinate to Apis mellifera L. larvae reared in vitro. Scientific Reports, 2018, 8, 5635.	1.6	31
410	The Effects of the Insect Growth Regulators Methoxyfenozide and Pyriproxyfen and the Acaricide Bifenazate on Honey Bee (Hymenoptera: Apidae) Forager Survival. Journal of Economic Entomology, 2018, 111, 510-516.	0.8	21
411	Interactions between pesticides and pathogen susceptibility in honey bees. Current Opinion in Insect Science, 2018, 26, 57-62.	2.2	81
412	Review Chapter: Fusarium Genus and Essential Oils. Sustainable Development and Biodiversity, 2018, , 95-120.	1.4	5
413	Drivers of colony losses. Current Opinion in Insect Science, 2018, 26, 142-148.	2.2	208
414	Occurrence of agrochemical residues in beeswax samples collected in Italy during 2013â€“2015. Science of the Total Environment, 2018, 625, 470-476.	3.9	49
415	Transfer of the Active Ingredients of Some Plant Protection Products from Raspberry Plants to Beehives. Archives of Environmental Contamination and Toxicology, 2018, 75, 45-58.	2.1	10
416	Thiamethoxam honey bee colony feeding study: Linking effects at the level of the individual to those at the colony level. Environmental Toxicology and Chemistry, 2018, 37, 816-828.	2.2	20
417	Chromatographic determination of monoterpenes and other acaricides in honeybees: Prevalence and possible synergies. Science of the Total Environment, 2018, 625, 96-105.	3.9	25
418	Apis cerana Is Less Sensitive to Most Neonicotinoids, Despite of Their Smaller Body Mass. Journal of Economic Entomology, 2018, 111, 39-42.	0.8	29

#	Article	IF	Citations
420	Influences of acephate and mixtures with other commonly used pesticides on honey bee (Apis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 74 Part - C: Toxicology and Pharmacology, 2018, 209, 9-17.	1.3	33
421	Sensitivity analyses for simulating pesticide impacts on honey bee colonies. Ecological Modelling, 2018, 376, 15-27.	1.2	19
422	Problems and Challenges to Determine Pesticide Residues in Bumblebees. Critical Reviews in Analytical Chemistry, 2018, 48, 447-458.	1.8	8
423	Enhancement of chronic bee paralysis virus levels in honeybees acute exposed to imidacloprid: A Chinese case study. Science of the Total Environment, 2018, 630, 487-494.	3.9	34
424	The immunological dependence of plant-feeding animals on their hostâ€™s medical properties may explain part of honey bee colony losses. Arthropod-Plant Interactions, 2018, 12, 57-64.	0.5	12
425	Mitigating effects of pollen during paraquat exposure on gene expression and pathogen prevalence in Apis mellifera L. Ecotoxicology, 2018, 27, 32-44.	1.1	10
426	A 3-year survey of Italian honey bee-collected pollen reveals widespread contamination by agricultural pesticides. Science of the Total Environment, 2018, 615, 208-218.	3.9	183
427	Lethal effects of Cr(III) alone and in combination with propiconazole and clothianidin in honey bees. Chemosphere, 2018, 191, 365-372.	4.2	26
428	Synergistic interactions between a variety of insecticides and an ergosterol biosynthesis inhibitor fungicide in dietary exposures of bumble bees (Bombus terrestris L.). Pest Management Science, 2018, 74, 541-546.	1.7	50
429	From field to foodâ€"will pesticide-contaminated pollen diet lead to a contamination of royal jelly?. Apidologie, 2018, 49, 112-119.	0.9	49
430	Integrative Strategies for Planetary Health. , 2018, , 1016-1026.e4.		2
431	Acute toxicity and sublethal effects of myclobutanil on respiration, flight and detoxification enzymes in Apis cerana cerana. Pesticide Biochemistry and Physiology, 2018, 147, 133-138.	1.6	19
432	Nosema ceranae disease of the honey bee (Apis mellifera). Apidologie, 2018, 49, 131-150.	0.9	73
433	Assessment of three SPE cleanup sorbents efficiencies for determining neonicotinoid insecticides and selected metabolites in honey bees and bee pollen. Separation Science Plus, 2018, 1, 627-635.	0.3	0
434	The influence of spatiotemporally decoupled land use on honey bee colony health and pollination service delivery. Environmental Research Letters, 2018, 13, 084016.	2.2	32
435	Home sick: impacts of migratory beekeeping on honey bee (Apis mellifera) pests, pathogens, and colony size. PeerJ, 2018, 6, e5812.	0.9	29
436	Urban honey - the aspects of its safety. Arhiv Za Higijenu Rada I Toksikologiju, 2018, 69, 264-274.	0.4	18
437	Biphasic concentration-dependent interaction between imidacloprid and dietary phytochemicals in honey bees (Apis mellifera). PLoS ONE, 2018, 13, e0206625.	1.1	28

#	Article	IF	Citations
438	Resistance to Thrips in Peanut and Implications for Management of Thrips and Thrips-Transmitted Orthotospoviruses in Peanut. Frontiers in Plant Science, 2018, 9, 1604.	1.7	16
439	Potential Pesticide Use Risks to Honeybees during Almond Pollination in California. ACS Symposium Series, 2018, , 379-404.	0.5	0
440	Transcriptome Analysis of Newly Emerged Honeybees Exposure to Sublethal Carbendazim During Larval Stage. Frontiers in Genetics, 2018, 9, 426.	1.1	15
441	Chronic exposure to imidacloprid or thiamethoxam neonicotinoid causes oxidative damages and alters carotenoid-retinoid levels in caged honey bees (Apis mellifera). Scientific Reports, 2018, 8, 16274.	1.6	22
442	The impact of agricultural chemical inputs on environment: global evidence from informetrics analysis and visualization. International Journal of Low-Carbon Technologies, 0, , .	1.2	54
443	Exposure to pesticides during development negatively affects honey bee (Apis mellifera) drone sperm viability. PLoS ONE, 2018, 13, e0208630.	1.1	38
444	Hygienic behaviour selection via freeze-killed honey bee brood not associated with chalkbrood resistance in eastern Australia. PLoS ONE, 2018, 13, e0203969.	1.1	10
445	Simultaneous determination of nine acaricides and two metabolites in comb honey by LC/MS/MS. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2018, 35, 2375-2386.	1.1	7
446	Pesticide residues in Indian raw honeys, an indicator of environmental pollution. Environmental Science and Pollution Research, 2018, 25, 34005-34016.	2.7	35
447	Endocrine disruption and chronic effects of plant protection products in bees: Can we better protect our pollinators?. Environmental Pollution, 2018, 243, 1588-1601.	3.7	21
448	Relationship of Landscape Type on Neonicotinoid Insecticide Exposure Risks to Honey Bee Colonies: A Statewide Survey. Journal of Economic Entomology, 2018, 111, 2505-2512.	0.8	5
449	Quantifying the effects of pollen nutrition on honey bee queen egg laying with a new laboratory system. PLoS ONE, 2018, 13, e0203444.	1.1	30
450	In-Hive Acaricides Alter Biochemical and Morphological Indicators of Honey Bee Nutrition, Immunity, and Development. Journal of Insect Science, 2018, 18, .	0.6	30
451	Effects of coumaphos and imidacloprid on honey bee (Hymenoptera: Apidae) lifespan and antioxidant gene regulations in laboratory experiments. Scientific Reports, 2018, 8, 15003.	1.6	65
452	Impacts of Insecticides on Pollinators of Different Food Plants. Entomology, Ornithology, & Herpetology: Current Research, 2018, 07, .	0.1	11
453	Lethality of synthetic and natural acaricides to worker honey bees (Apis mellifera) and their impact on the expression of health and detoxification-related genes. Environmental Science and Pollution Research, 2018, 25, 34730-34739.	2.7	22
454	Pollinators and Sustainable Farming in Hawaii. Bee World, 2018, 95, 117-121.	0.3	1
455	Pesticide residue profiles in bee bread and pollen samples and the survival of honeybee coloniesâ€"a case study from Luxembourg. Environmental Science and Pollution Research, 2018, 25, 32163-32177.	2.7	27

#	Article	IF	Citations
456	Chemical residues in beebread, honey, pollen and wax samples collected from bee hives placed on canola crops in Western Australia. Journal of Apicultural Research, 2018, 57, 696-708.	0.7	17
457	Transcriptional response of honey bee (Apis mellifera) to differential nutritional status and Nosema infection. BMC Genomics, 2018, 19, 628.	1.2	31
458	Effects of bee density and sublethal imidacloprid exposure on cluster temperatures of caged honey bees. Apidologie, 2018, 49, 581-593.	0.9	14
459	Pesticide residues in honey bees, pollen and beeswax: Assessing beehive exposure. Environmental Pollution, 2018, 241, 106-114.	3.7	175
460	Evaluation of the predatory mite Stratiolaelaps scimitus for the biological control of the honey bee ectoparasitic mite Varroa destructor. Journal of Apicultural Research, 2018, 57, 425-432.	0.7	14
461	Ultrasound-assisted extraction based on QuEChERS of pesticide residues in honeybees and determination by LC-MS/MS and GC-MS/MS. Analytical and Bioanalytical Chemistry, 2018, 410, 5195-5210.	1.9	28
462	Matrix solid-phase dispersion associated to gas chromatography for the assessment in honey bee of a group of pesticides of concern in the apicultural field. Journal of Chromatography A, 2018, 1567, 47-54.	1.8	34
463	A survey of multiple pesticide residues in pollen and beebread collected in China. Science of the Total Environment, 2018, 640-641, 1578-1586.	3.9	92
464	Low dose of neonicotinoid insecticide reduces foraging motivation of bumblebees. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20180506.	1.2	53
465	Vine and citrus mealybug pest control based on synthetic chemicals. A review. Agronomy for Sustainable Development, 2018, 38, 1.	2.2	46
466	Organochlorine Pesticides in Honey and Pollen Samples from Managed Colonies of the Honey Bee Apis mellifera Linnaeus and the Stingless Bee Scaptotrigona mexicana GuÃ©rin from Southern, Mexico. Insects, 2018, 9, 54.	1.0	26
467	Toxicity of Selected Acaricides to Honey Bees (Apis mellifera) and Varroa (Varroa destructor) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 9, 55.	1.0	38
468	Honey Bee Survival and Pathogen Prevalence: From the Perspective of Landscape and Exposure to Pesticides. Insects, 2018, 9, 65.	1.0	40
469	Glyphosate residue concentrations in honey attributed through geospatial analysis to proximity of large-scale agriculture and transfer off-site by bees. PLoS ONE, 2018, 13, e0198876.	1.1	63
470	Pesticide residue survey of pollen loads collected by honeybees (Apis mellifera) in daily intervals at three agricultural sites in South Germany. PLoS ONE, 2018, 13, e0199995.	1.1	84
471	In Vitro Rearing of Solitary Bees: A Tool for Assessing Larval Risk Factors. Journal of Visualized Experiments, 2018, , .	0.2	7
472	Toxicology: Bee P450s Take the Sting out of Cyanoamidine Neonicotinoids. Current Biology, 2018, 28, R560-R562.	1.8	15
473	Time-to-death approach to reveal chronic and cumulative toxicity of a fungicide for honeybees not revealed with the standard ten-day test. Scientific Reports, 2018, 8, 7241.	1.6	50

#	Article	IF	Citations
474	Exposure assessment of honeybees through study of hive matrices: analysis of selected pesticide residues in honeybees, beebread, and beeswax from French beehives by LC-MS/MS. Environmental Science and Pollution Research, 2018, 25, 6145-6153.	2.7	57
475	A honey bee (Apis mellifera) colonyâ€™s brood survival rate predicts its in vitro-reared brood survival rate. Apidologie, 2018, 49, 573-580.	0.9	9
476	Efficacy of a Magnolia officinalis bark extract against grapevine downy mildew and apple scab under controlled and field conditions. Crop Protection, 2018, 114, 97-105.	1.0	15
477	Review on Apiary Management and Antimicrobial Compounds as Alternative Prevention or Treatment for Honeybee Diseases. OnLine Journal of Biological Sciences, 2018, 18, 46-61.	0.2	0
478	Detection of Pesticide Residues in Selected Bee Products of Honeybees (Apis melllifera L.) Colonies in a Preliminary Study from Seychelles Archipelago. Bulletin of Environmental Contamination and Toxicology, 2018, 101, 451-457.	1.3	13
479	Pesticide residues and heavy metals in commercially processed propolis. Microchemical Journal, 2018, 143, 423-429.	2.3	38
480	The impacts of chlorothalonil and diflubenzuron on Apis mellifera L. larvae reared in vitro. Ecotoxicology and Environmental Safety, 2018, 164, 283-288.	2.9	18
481	Fast determination of neonicotinoid insecticides in beeswax by ultra-high performance liquid chromatography-tandem mass spectrometry using an enhanced matrix removal-lipid sorbent for clean-up. Microchemical Journal, 2018, 142, 70-77.	2.3	24
482	Increased survival of honeybees in the laboratory after simultaneous exposure to low doses of pesticides and bacteria. PLoS ONE, 2018, 13, e0191256.	1.1	30
483	Responses of Honey Bees to Lethal and Sublethal Doses of Formulated Clothianidin Alone and Mixtures. Journal of Economic Entomology, 2018, 111, 1517-1525.	0.8	35
484	Chronic toxicity of clothianidin, imidacloprid, chlorpyrifos, and dimethoate to <scp>Apis mellifera</scp> L. larvae reared in vitro. Pest Management Science, 2019, 75, 29-36.	1.7	47
485	Identification and measurement of veterinary drug residues in beehive products. Food Chemistry, 2019, 274, 61-70.	4.2	72
486	Exploration of environmental contaminants in honeybees using GC-TOF-MS and GC-Orbitrap-MS. Science of the Total Environment, 2019, 647, 232-244.	3.9	46
487	The Honeybee Gut Microbiota Is Altered after Chronic Exposure to Different Families of Insecticides and Infection by <i>Nosema ceranae</i>. Microbes and Environments, 2019, 34, 226-233.	0.7	54
488	Is Osmia bicornis an adequate regulatory surrogate? Comparing its acute contact sensitivity to Apis mellifera. PLoS ONE, 2019, 14, e0201081.	1.1	18
489	An assessment of acute insecticide toxicity loading (AITL) of chemical pesticides used on agricultural land in the United States. PLoS ONE, 2019, 14, e0220029.	1.1	131
490	The Impact of Pesticides on Flowerâ€Visiting Insects: A Review with Regard to European Risk Assessment. Environmental Toxicology and Chemistry, 2019, 38, 2355-2370.	2.2	58
491	Impact of Biotic and Abiotic Stressors on Managed and Feral Bees. Insects, 2019, 10, 233.	1.0	76

#	Article	IF	Citations
492	Comparative pesticide exposure to Apis mellifera via honey bee-collected pollen in agricultural and non-agricultural areas of Northern Thailand. Journal of Apicultural Research, 2019, 58, 720-729.	0.7	13
493	Neonicotinoids and fipronil concentrations in honeybees associated with pesticide use in Brazilian agricultural areas. Apidologie, 2019, 50, 657-668.	0.9	14
494	Health status of honey bee colonies (Apis mellifera) and disease-related risk factors for colony losses in Austria. PLoS ONE, 2019, 14, e0219293.	1.1	57
495	Comparative survival and fitness of bumble bee colonies in natural, suburban, and agricultural landscapes. Agriculture, Ecosystems and Environment, 2019, 284, 106594.	2.5	17
496	Imidacloprid Poisoning of Songbirds Following a Drench Application of Trees in a Residential Neighborhood in California, USA. Environmental Toxicology and Chemistry, 2019, 38, 1724-1727.	2.2	20
497	Assessment of Pollen Diversity Available to Honey Bees (Hymenoptera: Apidae) in Major Cropping Systems During Pollination in the Western United States. Journal of Economic Entomology, 2019, 112, 2040-2048.	0.8	17
498	Traces of a Neonicotinoid Induce Precocious Foraging and Reduce Foraging Performance in Honey Bees. Environmental Science & Technology, 2019, 53, 8252-8261.	4.6	82
499	Pesticide and trace element residues in honey and beeswax combs from Israel in association with human risk assessment and honey adulteration. Food Chemistry, 2019, 299, 125123.	4.2	66
500	Use of Chemical and Nonchemical Methods for the Control of Varroa destructor (Acari: Varroidae) and Associated Winter Colony Losses in U.S. Beekeeping Operations. Journal of Economic Entomology, 2019, 112, 1509-1525.	0.8	64
501	MALDIâ€“MS Profiling to Address Honey Bee Health Status under Bacterial Challenge through Computational Modeling. Proteomics, 2019, 19, e1900268.	1.3	10
502	Risk and Toxicity Assessment of a Potential Natural Insecticide, Methyl Benzoate, in Honey Bees (Apis) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.0	11
503	Towards Precision Nutrition: A Novel Concept Linking Phytochemicals, Immune Response and Honey Bee Health. Insects, 2019, 10, 401.	1.0	31
504	Ligninolytic behavior of the white-rot fungus Stereum ostrea under influence of culture conditions, inducers and chlorpyrifos. 3 Biotech, 2019, 9, 424.	1.1	6
505	Botanical Origin of Pesticide Residues in Pollen Loads Collected by Honeybees During and After Apple Bloom. Frontiers in Physiology, 2019, 10, 1069.	1.3	30
506	Bee Viruses: Ecology, Pathogenicity, and Impacts. Annual Review of Entomology, 2019, 64, 205-226.	5.7	180
507	Synergistic effects of three sterol biosynthesis inhibiting fungicides on the toxicity of a pyrethroid and neonicotinoid insecticide to bumble bees. Apidologie, 2019, 50, 733-744.	0.9	31
508	Influence of chronic exposure to thiamethoxam and chronic bee paralysis virus on winter honey bees. PLoS ONE, 2019, 14, e0220703.	1.1	27
509	Comprehensive Survey of Area-Wide Agricultural Pesticide Use in Southern United States Row Crops and Potential Impact on Honey Bee Colonies. Insects, 2019, 10, 280.	1.0	16

#	Article	IF	Citations
510	Factors affecting the reproductive health of honey bee (Apis mellifera) dronesâ€"a review. Apidologie, 2019, 50, 759-778.	0.9	35
511	Chronic oral exposure to field-realistic pesticide combinations via pollen and nectar: effects on feeding and thermal performance in a solitary bee. Scientific Reports, 2019, 9, 13770.	1.6	60
512	Beekeeping and honey bee colony health: A review and conceptualization of beekeeping management practices implemented in Europe. Science of the Total Environment, 2019, 696, 133795.	3.9	37
513	Honey Bees and Environmental Stress: Toxicologic Pathology of a Superorganism. Toxicologic Pathology, 2019, 47, 1076-1081.	0.9	30
514	Honey Bee Exposure to Pesticides: A Four-Year Nationwide Study. Insects, 2019, 10, 13.	1.0	84
515	Combined Toxicity of Insecticides and Fungicides Applied to California Almond Orchards to Honey Bee Larvae and Adults. Insects, 2019, 10, 20.	1.0	99
516	Fungicides chlorothanolin, azoxystrobin and folpet induce transcriptional alterations in genes encoding enzymes involved in oxidative phosphorylation and metabolism in honey bees (Apis mellifera) at sublethal concentrations. Journal of Hazardous Materials, 2019, 377, 215-226.	6.5	38
517	To save the bees or not to save the bees: honey bee health in the Anthropocene. Agriculture and Human Values, 2019, 36, 891-902.	1.7	18
518	Analysis of pesticide residues in honeybee (Apis mellifera L.) and in corbicular pollen. Exposure in citrus orchard with an integrated pest management system. Talanta, 2019, 204, 153-162.	2.9	20
519	From field to food II â€" will pesticide-contaminated pollen diet lead to a contamination of worker jelly?. Journal of Apicultural Research, 2019, 58, 542-549.	0.7	10
520	A two-year monitoring of pesticide hazard in-hive: High honey bee mortality rates during insecticide poisoning episodes in apiaries located near agricultural settings. Chemosphere, 2019, 232, 471-480.	4.2	55
521	Gaps in propolis research: challenges posed to commercialization and the need for an holistic approach. Journal of Apicultural Research, 2019, 58, 604-616.	0.7	15
522	Chlorothalonil Exposure Alters Virus Susceptibility and Markers of Immunity, Nutrition, and Development in Honey Bees. Journal of Insect Science, 2019, 19, .	0.6	26
523	Industrial-Scale Decontamination Procedure Effects on the Content of Acaricides, Heavy Metals and Antioxidant Capacity of Beeswax. Molecules, 2019, 24, 1518.	1.7	13
524	Long-term dynamics of honey bee colonies following exposure to chemical stress. Science of the Total Environment, 2019, 677, 660-670.	3.9	39
525	Low maize pollen collection and low pesticide risk to honey bees in heterogeneous agricultural landscapes. Apidologie, 2019, 50, 379-390.	0.9	16
526	Toxicity of oxalic acid and impact on some antioxidant enzymes on in vitroâ€"reared honeybee larvae. Environmental Science and Pollution Research, 2019, 26, 19763-19769.	2.7	9
527	Gene expression, sperm viability, and queen (Apis mellifera) loss following pesticide exposure under laboratory and field conditions. Apidologie, 2019, 50, 304-316.	0.9	16

#	Article	IF	Citations
528	Multiphase Porous Electrochemical Catalysts Derived from Iron-Based Metalâ€“Organic Framework Compounds. Environmental Science & Technology, 2019, 53, 6474-6482.	4.6	90
529	Beeswax cleaning by solvent extraction of pesticides. MethodsX, 2019, 6, 980-985.	0.7	7
530	Sub-lethal concentrations of neonicotinoid insecticides at the field level affect negatively honey yield: Evidence from a 6-year survey of Greek apiaries. PLoS ONE, 2019, 14, e0215363.	1.1	9
531	tauâ€Fluvalinate and other pesticide residues in honey bees before overwintering. Pest Management Science, 2019, 75, 3245-3251.	1.7	12
532	An integrated assessment and spatial-temporal variation analysis of neonicotinoids in pollen and honey from noncrop plants in Zhejiang, China. Environmental Pollution, 2019, 250, 397-406.	3.7	20
533	Effects of single and combined toxic exposures on the gut microbiome: Current knowledge and future directions. Toxicology Letters, 2019, 312, 72-97.	0.4	106
534	Standard methods forApis melliferabeeswax research. Journal of Apicultural Research, 2019, 58, 1-108.	0.7	57
535	Design of environmentally friendly neonicotinoid insecticides with bioconcentration tuning and Bi-directional selective toxic effects. Journal of Cleaner Production, 2019, 221, 113-121.	4.6	38
536	Honey bee (Apis mellifera) exposomes and dysregulated metabolic pathways associated with Nosema ceranae infection. PLoS ONE, 2019, 14, e0213249.	1.1	15
537	The novel pesticide flupyradifurone (Sivanto) affects honeybee motor abilities. Ecotoxicology, 2019, 28, 354-366.	1.1	44
538	An Examination of Exposure Routes of Fluvalinate to Larval and Adult Honey Bees (Apis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 342 T	2.2	11
539	Acute sublethal exposure to toxic heavy metals alters honey bee (Apis mellifera) feeding behavior. Scientific Reports, 2019, 9, 4253.	1.6	57
540	Chronic toxicity and biochemical response of Apis cerana cerana (Hymenoptera: Apidae) exposed to acetamiprid and propiconazole alone or combined. Ecotoxicology, 2019, 28, 399-411.	1.1	36
541	Lethal and sublethal synergistic effects of a new systemic pesticide, flupyradifurone (Sivanto) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 20190433.	1.2	103
542	Exposure to sublethal concentrations of methoxyfenozide disrupts honey bee colony activity and thermoregulation. PLoS ONE, 2019, 14, e0204635.	1.1	24
543	Effects of three common pesticides on survival, food consumption and midgut bacterial communities of adult workers Apis cerana and Apis mellifera. Environmental Pollution, 2019, 249, 860-867.	3.7	35
544	Social-medication in bees: the line between individual and social regulation. Current Opinion in Insect Science, 2019, 33, 49-55.	2.2	25
545	Pesticides and pollinators: A socioecological synthesis. Science of the Total Environment, 2019, 662, 1012-1027.	3.9	130

#	Article	IF	Citations
546	Voltage-gated sodium channels from the bees Apis mellifera and Bombus terrestris are differentially modulated by pyrethroid insecticides. Scientific Reports, 2019, 9, 1078.	1.6	7
547	Comb Irradiation Has Limited, Interactive Effects on Colony Performance or Pathogens in Bees, Varroa destructor and Wax Based on Two Honey Bee Stocks. Insects, 2019, 10, 15.	1.0	13
548	Is the Brood Pattern within a Honey Bee Colony a Reliable Indicator of Queen Quality?. Insects, 2019, 10, 12.	1.0	32
549	Heat and Ozone Use in Beekeeping Practices. Bee World, 2019, 96, 19-23.	0.3	0
550	Effect of Fungicide on Pollen Foraging by Honeybees (Hymenoptera: Apidae) in Cranberry Differs by Fungicide Type. Journal of Economic Entomology, 2019, 112, 499-503.	0.8	12
551	Initial Exposure of Wax Foundation to Agrochemicals Causes Negligible Effects on the Growth and Winter Survival of Incipient Honey Bee (Apis mellifera) Colonies. Insects, 2019, 10, 19.	1.0	10
552	An Innovative Home-Made Beebread Collector as a Tool for Sampling and Harvesting. Bee World, 2019, 96, 16-18.	0.3	4
553	Potential Risk to Pollinators from Nanotechnology-Based Pesticides. Molecules, 2019, 24, 4458.	1.7	22
554	Acute thiamethoxam toxicity in honeybees is not enhanced by common fungicide and herbicide and lacks stress-induced changes in mRNA splicing. Scientific Reports, 2019, 9, 19196.	1.6	14
555	Fungicide suppression of flight performance in the honeybee (Apis mellifera) and its amelioration by quercetin. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20192041.	1.2	12
556	Exposure to pollen-bound pesticide mixtures induces longer-lived but less efficient honey bees. Science of the Total Environment, 2019, 650, 1250-1260.	3.9	69
557	Exposure to thiamethoxam during the larval phase affects synapsin levels in the brain of the honey bee. Ecotoxicology and Environmental Safety, 2019, 169, 523-528.	2.9	40
558	Beekeeper stewardship, colony loss, and Varroa destructor management. Ambio, 2019, 48, 1209-1218.	2.8	31
559	Thiamethoxam: Long-term effects following honey bee colony-level exposure and implications for risk assessment. Science of the Total Environment, 2019, 654, 60-71.	3.9	27
560	Where have all the flowers gone? Honey bee declines and exclusions from floral resources. Journal of Rural Studies, 2019, 65, 161-171.	2.1	47
561	Comparison of Pesticide Exposure in Honey Bees (Hymenoptera: Apidae) and Bumble Bees (Hymenoptera:) Tj ETQq1 1 0.784314 rgBT	0.7	97
562	Putative Drone Copulation Factors Regulating Honey Bee (Apis mellifera) Queen Reproduction and Health: A Review. Insects, 2019, 10, 8.	1.0	28
563	Longâ€term risk assessment on noneffective and effective toxic doses of imidacloprid to honeybee workers. Journal of Applied Entomology, 2019, 143, 118-128.	0.8	9

#	Article	IF	Citations
564	Transcriptional and physiological effects of the pyrethroid deltamethrin and the organophosphate dimethoate in the brain of honey bees (Apis mellifera). Environmental Pollution, 2019, 244, 247-256.	3.7	27
565	Effects of chronic dietary thiamethoxam andÂprothioconazole exposure on Apis mellifera worker adults and brood. Pest Management Science, 2020, 76, 85-94.	1.7	7
566	Pesticide residues used for pest control in honeybee colonies located in agroindustrial areas of Argentina. International Journal of Pest Management, 2020, 66, 163-172.	0.9	13
567	Defining Pollinator Health: A Holistic Approach Based on Ecological, Genetic, and Physiological Factors. Annual Review of Animal Biosciences, 2020, 8, 269-294.	3.6	57
568	Acute and chronic toxicity of acetamiprid, carbaryl, cypermethrin and deltamethrin to Apis mellifera larvae reared in vitro. Pest Management Science, 2020, 76, 978-985.	1.7	39
569	Flumethrin at sublethal concentrations induces stresses in adult honey bees (Apis mellifera L.). Science of the Total Environment, 2020, 700, 134500.	3.9	28
570	Pesticide residues in beehive matrices are dependent on collection time and matrix type but independent of proportion of foraged oilseed rape and agricultural land in foraging territory. Chemosphere, 2020, 238, 124555.	4.2	40
571	The toxic unit approach as a risk indicator in honey bees surveillance programmes: A case of study in Apis mellifera iberiensis. Science of the Total Environment, 2020, 698, 134208.	3.9	14
572	A Pediococcus strain to rescue honeybees by decreasing Nosema ceranae- and pesticide-induced adverse effects. Pesticide Biochemistry and Physiology, 2020, 163, 138-146.	1.6	23
573	Chronic exposure to a neonicotinoid pesticide and a synthetic pyrethroid in full-sized honey bee colonies. Journal of Apicultural Research, 2020, 59, 2-11.	0.7	10
574	Influence of land use on chlorpyrifos and persistent organic pollutant levels in honey bees, bee bread and honey: Beehive exposure assessment. Science of the Total Environment, 2020, 713, 136554.	3.9	45
575	Toxicity of insecticides on Neotropical stingless bees Plebeia emerina (Friese) and Tetragonisca fiebrigi (Schwarz) (Hymenoptera: Apidae: Meliponini). Ecotoxicology, 2020, 29, 119-128.	1.1	19
576	Comparative examination on synergistic toxicities of chlorpyrifos, acephate, or tetraconazole mixed with pyrethroid insecticides to honey bees (Apis mellifera L.). Environmental Science and Pollution Research, 2020, 27, 6971-6980.	2.7	16
577	Flumethrin at honey-relevant levels induces physiological stresses to honey bee larvae (Apis mellifera) Tj ETQq1 1 0.784314 rgBT /Ove	2.9	25
578	Distribution of chemical residues in the beehive compartments and their transfer to the honeybee brood. Science of the Total Environment, 2020, 710, 136288.	3.9	53
579	Frequently encountered pesticides can cause multiple disorders in developing worker honey bees. Environmental Pollution, 2020, 256, 113420.	3.7	78
580	Honeybee and consumerâ€™s exposure and risk characterisation to glyphosate-based herbicide (GBH) and its degradation product (AMPA): Residues in beebread, wax, and honey. Science of the Total Environment, 2020, 704, 135312.	3.9	44
581	Honeybee survival and flight capacity are compromised by insecticides used for controlling melon pests in Brazil. Ecotoxicology, 2020, 29, 97-107.	1.1	24

#	Article	IF	Citations
582	Global transcriptome analysis reveals relevant effects at environmental concentrations of cypermethrin in honey bees (Apis mellifera). Environmental Pollution, 2020, 259, 113715.	3.7	15
583	The fate of acetamiprid and its degradation during long-term storage of honey. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2020, 37, 288-303.	1.1	8
584	Distribution of coumaphos in beeswax after treatment of honeybee colonies with CheckMiteÂ® against the parasitical mite Varroa destructor. Apidologie, 2020, 51, 112-122.	0.9	16
585	Impacts of dietary supplementation with p-coumaric acid and indole-3-acetic acid on survival and biochemical response of honey bees treated with tau-fluvalinate. Ecotoxicology and Environmental Safety, 2020, 189, 109917.	2.9	14
586	The fungicide iprodione affects midgut cells of non-target honey bee Apis mellifera workers. Ecotoxicology and Environmental Safety, 2020, 189, 109991.	2.9	52
587	Fungicide pyraclostrobin affects midgut morphophysiology and reduces survival of Brazilian native stingless bee Melipona scutellaris. Ecotoxicology and Environmental Safety, 2020, 206, 111395.	2.9	22
588	Effects of residual doses of neonicotinoid (imidacloprid) on metabolic rate of queen honey bees Apis mellifera (Hymenoptera: Apidae). Apidologie, 2020, 51, 1091-1099.	0.9	11
589	Virulence of Varroa destructor in Colonies of Honey Bee Apis mellifera. , 2020, , .		2
590	Plant protection product residues in plant pollen and nectar: A review of current knowledge. Environmental Research, 2020, 189, 109873.	3.7	100
591	Insecticides cause transcriptional alterations of endocrine related genes in the brain of honey bee foragers. Chemosphere, 2020, 260, 127542.	4.2	11
592	Lethal and Sublethal Effects of Pyriproxyfen on Apis and Non-Apis Bees. Toxics, 2020, 8, 104.	1.6	9
593	Temporal changes in the microbiome of stingless bee foragers following colony relocation. FEMS Microbiology Ecology, 2020, 97, .	1.3	16
594	Synthetic and natural acaricides impair hygienic and foraging behaviors of honey bees. Apidologie, 2020, 51, 1155-1165.	0.9	11
595	Effect of age on insecticide susceptibility and enzymatic activities of three detoxification enzymes and one invertase in honey bee workers (Apis mellifera). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2020, 238, 108844.	1.3	20
596	Mixtures of an insecticide, a fungicide and a herbicide induce high toxicities and systemic physiological disturbances in winter Apis mellifera honey bees. Ecotoxicology and Environmental Safety, 2020, 203, 111013.	2.9	54
597	Pesticide and veterinary drug residues in Belgian beeswax: Occurrence, toxicity, and risk to honey bees. Science of the Total Environment, 2020, 745, 141036.	3.9	45
598	Effects of insecticides used in strawberries on stingless bees Melipona quadrifasciata and Tetragonisca fiebrigi (Hymenoptera: Apidae). Environmental Science and Pollution Research, 2020, 27, 42472-42480.	2.7	14
599	Effects of Fungicide and Herbicide Chemical Exposure on Apis and Non-Apis Bees in Agricultural Landscape. Frontiers in Environmental Science, 2020, 8, .	1.5	58

#	Article	IF	Citations
600	The neonicotinoid thiacloprid causes transcriptional alteration of genes associated with mitochondria at environmental concentrations in honey bees. Environmental Pollution, 2020, 266, 115297.	3.7	24
601	Differences in honey bee bacterial diversity and composition in agricultural and pristine environments â€“ a field study. Apidologie, 2020, 51, 1018-1037.	0.9	23
602	The effect of temperature on candidate gene expression in the brain of honey bee Apis mellifera (Hymenoptera: Apidae) workers exposed to neonicotinoid imidacloprid. Journal of Thermal Biology, 2020, 93, 102696.	1.1	6
603	Effects of the Neonicotinoid Acetamiprid in Pollen on Bombus impatiens Microcolony Development. Environmental Toxicology and Chemistry, 2020, 39, 2560-2569.	2.2	12
604	Evaluation and comparison of the effects of three insect growth regulators on honey bee queen oviposition and egg eclosion. Ecotoxicology and Environmental Safety, 2020, 205, 111142.	2.9	14
605	Evaluation of the expression stability of reference genes in Apis mellifera under pyrethroid treatment. Scientific Reports, 2020, 10, 16140.	1.6	11
606	Effects of Pesticides and Adjuvants on the Honey Bee, Apis mellifera: An Updated Bibliographic Review. , 2020, , .		4
607	Assessment of lethal and sublethal effects of imidacloprid, ethion, and glyphosate on aversive conditioning, motility, and lifespan in honey bees (Apis mellifera L.). Ecotoxicology and Environmental Safety, 2020, 204, 111108.	2.9	36
608	The influence of acetamiprid and deltamethrin on the mortality and behaviour of honeybees (Apis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.9	4
609	Beyond Green Chemistry: Teaching Social Justice in Organic Chemistry. Journal of Chemical Education, 2020, 97, 3984-3991.	1.1	21
610	Assessing the resistance to acaricides in Varroa destructor from several Spanish locations. Parasitology Research, 2020, 119, 3595-3601.	0.6	31
611	Detailed Review on Pesticidal Toxicity to Honey Bees and Its Management. , 0, , .		6
612	Digging into the Genomic Past of Swiss Honey Bees by Whole-Genome Sequencing Museum Specimens. Genome Biology and Evolution, 2020, 12, 2535-2551.	1.1	26
613	Pesticides and Environmental Contaminants in Organic Honeys According to Their Different Productive Areas toward Food Safety Protection. Foods, 2020, 9, 1863.	1.9	20
614	Effects of Synthetic Acaricides and Nosema ceranae (Microsporidia: Nosematidae) on Molecules Associated with Chemical Communication and Recognition in Honey Bees. Veterinary Sciences, 2020, 7, 199.	0.6	8
615	Neonicotinoid Pesticides Are More Toxic to Honey Bees at Lower Temperatures: Implications for Overwintering Bees. Frontiers in Ecology and Evolution, 2020, 8, .	1.1	19
616	Interactions Between Thiamethoxam and Deformed Wing Virus Can Drastically Impair Flight Behavior of Honey Bees. Frontiers in Microbiology, 2020, 11, 766.	1.5	27
617	Ignorance loops: How non-knowledge about bee-toxic agrochemicals is iteratively produced. Social Studies of Science, 2020, 50, 751-777.	1.5	14

#	Article	IF	Citations
618	Pesticideâ€“Virus Interactions in Honey Bees: Challenges and Opportunities for Understanding Drivers of Bee Declines. Viruses, 2020, 12, 566.	1.5	34
619	Seek and you shall find: An assessment of the influence of the analytical methodologies on pesticide occurrences in honey bee-collected pollen with a systematic review. Chemosphere, 2020, 258, 127358.	4.2	7
620	In vitro effects of imidacloprid on honey bee sperm: evaluation using computer-aided sperm analysis (CASA). Journal of Apicultural Research, 2020, 59, 343-349.	0.7	3
621	Sublethal acetamiprid doses negatively affect the lifespans and foraging behaviors of honey bee (Apis) Tj ETQq1 1 0.784314 rgBT /Ov	3.9	46
622	Using a toxicoproteomic approach to investigate the effects of thiamethoxam into the brain of Apis mellifera. Chemosphere, 2020, 258, 127362.	4.2	7
623	Transcriptomic analysis to elucidate the response of honeybees (Hymenoptera: Apidae) to amitraz treatment. PLoS ONE, 2020, 15, e0228933.	1.1	6
624	Detection of flumethrin acaricide residues from honey and beeswax using high performance liquid chromatography (HPLC) technique. Journal of King Saud University - Science, 2020, 32, 2229-2235.	1.6	12
625	Abdominal contact of fluvalinate induces olfactory deficit in Apis mellifera. Pesticide Biochemistry and Physiology, 2020, 164, 221-227.	1.6	13
626	Landscape factors influencing honey bee colony behavior in Southern California commercial apiaries. Scientific Reports, 2020, 10, 5013.	1.6	9
627	Exposure of the African mound building termite, Macrotermes bellicosus workers to commercially formulated 2,4-D and atrazine caused high mortality and impaired locomotor response. PLoS ONE, 2020, 15, e0230664.	1.1	7
628	A Review of Sub-lethal Neonicotinoid Insecticides Exposure and Effects on Pollinators. Current Pollution Reports, 2020, 6, 137-151.	3.1	44
629	Toxicity of botanical extracts and their main constituents on the bees Partamona helleri and Apis mellifera. Ecotoxicology, 2020, 29, 246-257.	1.1	12
630	Pollutants and Their Interaction with Diseases of Social Hymenoptera. Insects, 2020, 11, 153.	1.0	44
631	The miticide thymol in combination with trace levels of the neonicotinoid imidacloprid reduces visual learning performance in honey bees (Apis mellifera). Apidologie, 2020, 51, 499-509.	0.9	21
632	Pesticides use, practice and its effect on honeybee in Ethiopia: a review. International Journal of Tropical Insect Science, 2020, 40, 473-481.	0.4	19
633	Occurrence of Neonicotinoids in Chinese Apiculture and a Corresponding Risk Exposure Assessment. Environmental Science & Technology, 2020, 54, 5021-5030.	4.6	50
634	Queen honey bee (Apis mellifera) pheromone and reproductive behavior are affected by pesticide exposure during development. Behavioral Ecology and Sociobiology, 2020, 74, 1.	0.6	28
635	Effectiveness of control strategies for Varroa jacobsoni and Tropilaelaps mercedesae in Papua New Guinea. Experimental and Applied Acarology, 2020, 80, 399-407.	0.7	7

#	Article	IF	Citations
636	Overview of Analytical Methods for the Determination of Neonicotinoid Pesticides in Honeybee Products and Honeybee. Critical Reviews in Analytical Chemistry, 2021, 51, 329-338.	1.8	13
637	Kinome Analysis of Honeybee (Apis mellifera L.) Dark-Eyed Pupae Identifies Biomarkers and Mechanisms of Tolerance to Varroa Mite Infestation. Scientific Reports, 2020, 10, 2117.	1.6	3
638	Biology and Management of Varroa destructor (Mesostigmata: Varroidae) in Apis mellifera (Hymenoptera: Apidae) Colonies. Journal of Integrated Pest Management, 2020, 11, .	0.9	45
639	A Survey from 2015 to 2019 to Investigate the Occurrence of Pesticide Residues in Dead Honeybees and Other Matrices Related to Honeybee Mortality Incidents in Italy. Diversity, 2020, 12, 15.	0.7	20
640	Detection of amitraz resistance and reduced treatment efficacy in the Varroa Mite, Varroa destructor, within commercial beekeeping operations. PLoS ONE, 2020, 15, e0227264.	1.1	94
641	Native honeybees as flower visitors and pollinators in wild plant communities in a biodiversity hotspot. Ecosphere, 2020, 11, e02957.	1.0	23
642	Comparative effects of technicalâ€grade and formulated chlorantraniliprole to the survivorship and locomotor activity of the honey bee, <scp>Apis mellifera</scp> (L.). Pest Management Science, 2020, 76, 2582-2588.	1.7	24
643	Effect of contamination and adulteration of wax foundations on the brood development of honeybees. Apidologie, 2020, 51, 642-651.	0.9	11
644	In Vitro Effects of Pesticides on European Foulbrood in Honeybee Larvae. Insects, 2020, 11, 252.	1.0	11
645	Pollinator exposure to systemic insecticides and fungicides applied in the previous fall and pre-bloom period in apple orchards. Environmental Pollution, 2020, 265, 114589.	3.7	29
646	An update of the Worldwide Integrated Assessment (WIA) on systemic insecticides. Part 2: impacts on organisms and ecosystems. Environmental Science and Pollution Research, 2021, 28, 11749-11797.	2.7	155
647	Organophosphorus poisoning in animals and enzymatic antidotes. Environmental Science and Pollution Research, 2021, 28, 25081-25106.	2.7	17
648	Dietary quercetin impacts the concentration of pesticides in honey bees. Chemosphere, 2021, 262, 127848.	4.2	24
649	Apis mellifera and Melipona scutellaris exhibit differential sensitivity to thiamethoxam. Environmental Pollution, 2021, 268, 115770.	3.7	18
650	Influence of neonicotinoids on pollinators: A review. Journal of Apicultural Research, 2021, 60, 19-32.	0.7	14
651	The investigation of honey bee pesticide poisoning incidents in Czechia. Chemosphere, 2021, 263, 128056.	4.2	24
652	The novel insecticides flupyradifurone and sulfoxaflor do not act synergistically with viral pathogens in reducing honey bee (Apis mellifera) survival but sulfoxaflor modulates host immunocompetence. Microbial Biotechnology, 2021, 14, 227-240.	2.0	33
653	Multiple stressors interact to impair the performance of bumblebee Bombus terrestris colonies. Journal of Animal Ecology, 2021, 90, 415-431.	1.3	24

#	Article	IF	Citations
654	Concentration- and time-dependent toxicity of commonly encountered pesticides and pesticide mixtures to honeybees (Apis mellifera L.). Chemosphere, 2021, 266, 128974.	4.2	17
655	Neonicotinoid use on cereals and sugar beet is linked to continued low exposure risk in honeybees. Agriculture, Ecosystems and Environment, 2021, 308, 107205.	2.5	11
656	Analysis of Pesticide Residues in Pollen and Dairy Products. Sustainable Agriculture Reviews, 2021, , 47-89.	0.6	0
657	Colony field test reveals dramatically higher toxicity of a widely-used mito-toxic fungicide on honey bees (Apis mellifera). Environmental Pollution, 2021, 269, 115964.	3.7	43
658	Ag@WS2 quantum dots for Surface Enhanced Raman Spectroscopy: Enhanced charge transfer induced highly sensitive detection of thiram from honey and beverages. Food Chemistry, 2021, 344, 128570.	4.2	25
659	Parasites and pesticides act antagonistically on honey bee health. Journal of Applied Ecology, 2021, 58, 997-1005.	1.9	20
660	Bioindicators of Pesticide Contaminations. Sustainable Agriculture Reviews, 2021, , 185-231.	0.6	5
661	Mode of application of acaricides against the ectoparasitic mite (Varroa destructor) infesting honeybee colonies, determines their efficiencies and residues in honey and beeswax. Journal of King Saud University - Science, 2021, 33, 101236.	1.6	9
662	The effect of using imidacloprid and chlorpyrifos and their nanoforms on certain characteristics of honeybee Apis mellifera L.. International Journal of Tropical Insect Science, 2021, 41, 1037-1042.	0.4	2
663	Large-scale monoculture reduces honey yield: The case of soybean expansion in Argentina. Agriculture, Ecosystems and Environment, 2021, 306, 107203.	2.5	19
664	Herbicide determination in Brazilian propolis using high pressure liquid chromatography. International Journal of Environmental Health Research, 2021, 31, 507-517.	1.3	11
667	Commoning the bloom? Rethinking bee forage management in industrialÂagriculture. Elementa, 2021, 9, .	1.1	4
668	Honeybee keeping constraints and future prospects. Cogent Food and Agriculture, 2021, 7, .	0.6	15
669	Minimizing Honey Bee Exposure to Pesticides. Edis, 2021, 2021, 14.	0.0	0
670	Effects of late miticide treatments on foraging and colony productivity of European honey bees (Apis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.9	11
671	Evaluating the Impact of Post-Emergence Weed Control in Honeybee Colonies Located in Different Agricultural Surroundings. Insects, 2021, 12, 163.	1.0	2
672	The health crisis in managed honey bees (Apis mellifera). Which factors are involved in this phenomenon?. Biologia (Poland), 2021, 76, 2173-2180.	0.8	11
673	Review on Sublethal Effects of Environmental Contaminants in Honey Bees (Apis mellifera), Knowledge Gaps and Future Perspectives. International Journal of Environmental Research and Public Health, 2021, 18, 1863.	1.2	29

#	Article	IF	Citations
674	Acaricidal activity of essential oils for the control of honeybee (Apis mellifera) mites Tropilaelaps mercedesae under laboratory and colony conditions. Apidologie, 2021, 52, 561-575.	0.9	5
675	Neonicotinoid residues in honey from urban and rural environments. Environmental Science and Pollution Research, 2021, 28, 28179-28190.	2.7	25
676	Interactions between sublethal doses of thiamethoxam and Nosema ceranae in the honey bee, Apis mellifera. Journal of Apicultural Research, 2021, 60, 717-725.	0.7	5
677	Sublethal concentrations of clothianidin affect honey bee colony growth and hive CO2 concentration. Scientific Reports, 2021, 11, 4364.	1.6	9
678	Toxicity of the insecticide sulfoxaflor alone and in combination with the fungicide fluxapyroxad in three bee species. Scientific Reports, 2021, 11, 6821.	1.6	41
679	Impact of Varroa destructor and associated pathologies on the colony collapse disorder affecting honey bees. Research in Veterinary Science, 2021, 135, 85-95.	0.9	24
680	From the hive to the table: Nutrition value, digestibility and bioavailability of the dietary phytochemicals present in the bee pollen and bee bread. Trends in Food Science and Technology, 2021, 109, 464-481.	7.8	55
681	Testing the multiple stressor hypothesis: chlorothalonil exposure alters transmission potential of a bumblebee pathogen but not individual host health. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20202922.	1.2	9
682	Effects of sequential exposures of sub-lethal doses of amitraz and thiacloprid on learning and memory of honey bee foragers, Apis mellifera. Journal of Asia-Pacific Entomology, 2021, 24, 77-83.	0.4	11
683	Beyond brood: the potential impacts of insect growth disruptors on the long-term health and performance of honey bee colonies. Apidologie, 2021, 52, 580-595.	0.9	6
684	Liquid Chromatographic Determination of Trace Bioavailable Neonicotinoids in Soil with Dispersive Liquidâ€“Liquid Microextraction and Its Application for Experimental Monitoring. Journal of Agricultural and Food Chemistry, 2021, 69, 4284-4293.	2.4	9
685	The countryside or the city: Which environment is better for the honeybee?. Environmental Research, 2021, 195, 110784.	3.7	9
686	Consumption of field-realistic doses of a widely used mito-toxic fungicide reduces thorax mass but does not negatively impact flight capacities of the honey bee (Apis mellifera). Environmental Pollution, 2021, 274, 116533.	3.7	12
687	Probing Matrix Effects on the Heterogeneous Photochemistry of Neonicotinoid Pesticides, Dinotefuran and Nitenpyram. ACS Earth and Space Chemistry, 2021, 5, 1196-1209.	1.2	4
688	An Optimized Extraction Procedure for Determining Acaricide Residues in Foundation Sheets of Beeswax by Using Gas Chromatography-Mass Spectrometry. Agronomy, 2021, 11, 804.	1.3	9
689	Toxicological status changes the susceptibility of the honey bee Apis mellifera to a single fungicidal spray application. Environmental Science and Pollution Research, 2021, 28, 42807-42820.	2.7	10
690	Review of sample preparation methods for chromatographic analysis of neonicotinoids in agricultural and environmental matrices: From classical to state-of-the-art methods. Journal of Chromatography A, 2021, 1643, 462042.	1.8	31
691	Increased alarm pheromone component is associated withNosema ceranaeinfected honeybee colonies. Royal Society Open Science, 2021, 8, 210194.	1.1	8

#	Article	IF	Citations
692	First application of an Integrated Biological Response index to assess the ecotoxicological status of honeybees from rural and urban areas. Environmental Science and Pollution Research, 2021, 28, 47418-47428.	2.7	5
694	Beebread consumption by honey bees is fast: results of a six-week field study. Journal of Apicultural Research, 0, , 1-6.	0.7	5
695	Outcome of the public consultation on the draft EFSA Scientific Committee Opinion on a systemsâ€based approach to the environmental risk assessment of multiple stressors in honey bees. EFSA Supporting Publications, 2021, 18, 6608E.	0.3	0
696	Pollen protein and lipid content influence resilience to insecticides in honey bees (Apis) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	0.8	32
697	A systemsâ€based approach to the environmental risk assessment of multiple stressors in honey bees. EFSA Journal, 2021, 19, e06607.	0.9	21
698	Land conversion and pesticide use degrade forage areas for honey bees in Americaâ€™s beekeeping epicenter. PLoS ONE, 2021, 16, e0251043.	1.1	6
699	Toxicity assessment of chronic exposure to common insecticides and bee medications on colony development and drones sperm parameters. Ecotoxicology, 2021, 30, 806-817.	1.1	9
700	Bees and pesticides: the research impact and scientometrics relations. Environmental Science and Pollution Research, 2021, 28, 32282-32298.	2.7	29
701	Determination of amitraz and its metabolites residue in honey and beeswax after Apivar^{Â®} treatment in honey bee (Apis mellifera) colonies. Journal of Apicultural Research, 2022, 61, 213-218.	0.7	8
702	Longâ€term monitoring of lipophilic acaricide residues in commercial <scp>Swiss</scp> beeswax. Pest Management Science, 2021, 77, 4026-4033.	1.7	22
703	Directed evolution of Metarhizium fungus improves its biocontrol efficacy against Varroa mites in honey bee colonies. Scientific Reports, 2021, 11, 10582.	1.6	10
704	Neonicotinoid-contaminated diet causes behavior changes in forager honey bees (Apis) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 60, 726-733.	0.7	2
705	Social disruption: Sublethal pesticides in pollen lead to Apis mellifera queen events and brood loss. Ecotoxicology and Environmental Safety, 2021, 214, 112105.	2.9	21
707	The development of the solitary bee Osmia bicornis is affected by some insecticide agrochemicals at environmentally relevant concentrations. Science of the Total Environment, 2021, 775, 145588.	3.9	22
708	Computational Design of a Molecularly Imprinted Polymer for the Biomonitoring of the Organophosphorous Metabolite Chlorferron. Biosensors, 2021, 11, 192.	2.3	5
709	Honey bee exposure scenarios to selected residues through contaminated beeswax. Science of the Total Environment, 2021, 772, 145533.	3.9	15
710	Toxicity of chlorpyrifos, cyflumetofen, and difenoconazole on Tetragonisca angustula (Latreille, 1811) under laboratory conditions. International Journal of Tropical Insect Science, 2022, 42, 435-443.	0.4	7
711	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

#	Article	IF	Citations
712	Temporal Profile of Neonicotinoid Concentrations in Cotton, Corn, and Soybean Resulting from Insecticidal Seed Treatments. Agronomy, 2021, 11, 1200.	1.3	2
713	Occurrence of environmental contaminants (pesticides, herbicides, PAHs) in Australian/Queensland Apis mellifera honey. Food Additives and Contaminants: Part B Surveillance, 2021, 14, 193-205.	1.3	13
714	Pesticide Exposure During Development Does Not Affect the Larval Pheromones, Feeding Rates, or Morphology of Adult Honey Bee (Apis mellifera) Queens. Frontiers in Ecology and Evolution, 2021, 9, .	1.1	2
715	Technological Advances to Reduce Apis mellifera Mortality: A Bibliometric Analysis. Sustainability, 2021, 13, 8305.	1.6	6
716	GCâ€“MS investigations of VOCs in South Indian honey samples as environmental biomarkers. Environmental Monitoring and Assessment, 2021, 193, 539.	1.3	5
717	Assessment of risks to listed species from the use of atrazine in the USA: a perspective. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2021, 24, 223-306.	2.9	18
718	Non-insecticide pesticide impacts on bees: A review of methods and reported outcomes. Agriculture, Ecosystems and Environment, 2021, 314, 107423.	2.5	29
719	Metabolomics unveils the influence of dietary phytochemicals on residual pesticide concentrations in honey bees. Environment International, 2021, 152, 106503.	4.8	32
720	The Honey Bee: An Active Biosampler of Environmental Pollution and a Possible Warning Biomarker for Human Health. Applied Sciences (Switzerland), 2021, 11, 6481.	1.3	22
721	Sulfoxaflor insecticide and azoxystrobin fungicide have no major impact on honeybees in a realistic-exposure semi-field experiment. Science of the Total Environment, 2021, 778, 146084.	3.9	26
722	Acute Application of Imidacloprid Alters the Sensitivity of Direction Selective Motion Detecting Neurons in an Insect Pollinator. Frontiers in Physiology, 2021, 12, 682489.	1.3	8
723	Sublethal agrochemical exposures can alter honey bees' and Neotropical stingless bees' color preferences, respiration rates, and locomotory responses. Science of the Total Environment, 2021, 779, 146432.	3.9	18
724	A Case Report of Chronic Stress in Honey Bee Colonies Induced by Pathogens and Acaricide Residues. Pathogens, 2021, 10, 955.	1.2	8
725	Pesticide residues in bee pollen - validation of the gas chromatography-mass spectrometry multiresidual method and a survey of bee pollens from Slovenia. Acta Agriculturae Slovenica, 2021, 117, 1.	0.2	0
726	Reproductive fitness of honey bee queens exposed to thiamethoxam during development. Veterinary Pathology, 2021, 58, 1107-1118.	0.8	3
727	Agrochemical Contamination of Honey and Bee Bread Collected in the Piedmont Region, Italy. Environments - MDPI, 2021, 8, 62.	1.5	10
728	Pesticide Impact on Honeybees Declines and Emerging Food Security Crisis. , 0, , .		3
729	Field cross-fostering and in vitro rearing demonstrate negative effects of both larval and adult exposure to a widely used fungicide in honey bees (Apis mellifera). Ecotoxicology and Environmental Safety, 2021, 217, 112251.	2.9	11

#	Article	IF	Citations
730	Physiological effects of the interaction between Nosema ceranae and sequential and overlapping exposure to glyphosate and difenoconazole in the honey bee Apis mellifera. Ecotoxicology and Environmental Safety, 2021, 217, 112258.	2.9	14
731	Commentary: Novel strategies and new tools to curtail the health effects of pesticides. Environmental Health, 2021, 20, 87.	1.7	9
732	Food safety hazards of bee pollen â€“ A review. Trends in Food Science and Technology, 2021, 114, 490-509.	7.8	40
733	Conflicts of interest and improvement through peer review: the case of IPBES report on pollinators. Current Opinion in Insect Science, 2021, 46, 57-63.	2.2	2
734	Pesticide risk assessment in honeybees: Toward the use of behavioral and reproductive performances as assessment endpoints. Chemosphere, 2021, 276, 130134.	4.2	17
735	Residual Tau-Fluvalinate in Honey Bee Colonies Is Coupled with Evidence for Selection for Varroa destructor Resistance to Pyrethroids. Insects, 2021, 12, 731.	1.0	13
736	Identities, concentrations, and sources of pesticide exposure in pollen collected by managed bees during blueberry pollination. Scientific Reports, 2021, 11, 16857.	1.6	31
737	A natural deep eutectic solvent as a novel dispersive solvent in dispersive liquid-liquid microextraction based on solidification of floating organic droplet for the determination of pesticide residues. Analytical and Bioanalytical Chemistry, 2021, 413, 6413-6424.	1.9	28
738	Parallel evolution ofVarroaresistance in honey bees: a common mechanism across continents?. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20211375.	1.2	17
739	Combined Effects of Pesticides and Electromagnetic-Fields on Honeybees: Multi-Stress Exposure. Insects, 2021, 12, 716.	1.0	12
740	Improved mitochondrial function corrects immunodeficiency and impaired respiration in neonicotinoid exposed bumblebees. PLoS ONE, 2021, 16, e0256581.	1.1	7
741	Effects of Insecticides and Microbiological Contaminants on Apis mellifera Health. Molecules, 2021, 26, 5080.	1.7	26
742	Synthesis, characterization and biological activity of bifunctional ionic liquids based on dodine ion. Pest Management Science, 2022, 78, 446-455.	1.7	7
743	Integrated Pest Management Control ofVarroa destructor(Acari: Varroidae), the Most Damaging Pest of (Apis melliferaL. (Hymenoptera: Apidae)) Colonies. Journal of Insect Science, 2021, 21, .	0.6	53
744	Colony Collapse and the Global Swarm to save the Bees: Sacred Relations with Bees in Film and Literature. World Futures, 0, , 1-27.	0.8	1
745	Inferring pesticide toxicity to honey bees from a fieldâ€based feeding study using a colony model and Bayesian inference. Ecological Applications, 2021, 31, e02442.	1.8	12
746	Comparison of selected lipophilic compound residues in honey and propolis. Journal of Food Composition and Analysis, 2021, 102, 104068.	1.9	15
747	A Comprehensive Review on Synthetic Insecticides: Toxicity to Pollinators, Associated Risk to Food Security, and Management Approaches. Journal of Biosystems Engineering, 2021, 46, 254-272.	1.2	10

#	Article	IF	Citations
748	Resistance and Vulnerability of Honeybee (Apis mellifera) Gut Bacteria to Commonly Used Pesticides. Frontiers in Microbiology, 2021, 12, 717990.	1.5	16
749	Pollen nutrition fosters honeybee tolerance to pesticides. Royal Society Open Science, 2021, 8, 210818.	1.1	33
750	Pestisit KullanÄ±mÄ±nÄ±n Bal Verimi Ãœzerine Etkisi; Panel Veri Analizi. KahramanmaraÅŸ SÃ¼tÃ§Ã¼ Ä°mam Ãœniversitesi TarÄ±m Ve DoÄŸa Dergisi, 0, , .	0.2	0
751	Enzymatic responses in the head and midgut of Africanized Apis mellifera contaminated with a sublethal concentration of thiamethoxam. Ecotoxicology and Environmental Safety, 2021, 223, 112581.	2.9	12
752	Proportion of commodity crop pollens and pesticide contamination in honey bee diets in two different landscapes. Environmental Advances, 2021, 5, 100116.	2.2	8
753	Preventative pest management in field crops influences the biological control potential of epigeal arthropods and soil-borne entomopathogenic fungi. Field Crops Research, 2021, 272, 108265.	2.3	1
754	Binary and ternary toxicological interactions of clothianidin and eight commonly used pesticides on honey bees (Apis mellifera). Ecotoxicology and Environmental Safety, 2021, 223, 112563.	2.9	15
755	A common fungicide, PristineÂ®, impairs olfactory associative learning performance in honey bees (Apis) Tj ETQq1 1 0.784314 rgBT /Ov	3.7	28
756	Fungicide and insecticide exposure adversely impacts bumblebees and pollination services under semi-field conditions. Environment International, 2021, 157, 106813.	4.8	45
757	Miniaturized multiresidue method for determination of 267 pesticides, their metabolites and polychlorinated biphenyls in low mass beebread samples by liquid and gas chromatography coupled with tandem mass spectrometry. Talanta, 2021, 235, 122721.	2.9	16
758	Chemometric modeling of plant protection products (PPPs) for the prediction of acute contact toxicity against honey bees (A. mellifera): A 2D-QSAR approach. Journal of Hazardous Materials, 2022, 423, 127230.	6.5	16
759	An in vitro model for assessing the toxicity of pesticides in beeswax on honey bee larvae. Chemosphere, 2022, 287, 132214.	4.2	13
760	Sublethal fluvalinate negatively affect the development and flight capacity of honeybee (Apis mellifera) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.7	8
761	Environmental exposures associated with honey bee health. Chemosphere, 2022, 286, 131948.	4.2	9
762	Heterocyclic Amine-Induced Feeding Deterrence and Antennal Response of Honey Bees. Insects, 2021, 12, 69.	1.0	3
763	Thiamethoxam exposure deregulates short ORF gene expression in the honey bee and compromises immune response to bacteria. Scientific Reports, 2021, 11, 1489.	1.6	13
764	Pollination and Ecological Intensification: A Way Towards Green Revolution. , 2021, , 381-427.		0
765	Supplying honey bees with waterers: a precautionary measure to reduce exposure to pesticides. Environmental Science and Pollution Research, 2021, 28, 17573-17586.	2.7	6

#	Article	IF	Citations
766	Effects of developmental exposure to pesticides in wax and pollen on honey bee (Apis mellifera) queen reproductive phenotypes. Scientific Reports, 2021, 11, 1020.	1.6	28
767	Direct herbicide effects on terrestrial nontarget organisms belowground and aboveground. , 2021, , 181-229.		5
768	Comparing Survival of Israeli Acute Paralysis Virus Infection among Stocks of U.S. Honey Bees. Insects, 2021, 12, 60.	1.0	7
769	Pesticide residues in daily bee pollen samples (Aprilâ€“July) from an intensive agricultural region in Southern Germany. Environmental Science and Pollution Research, 2021, 28, 22789-22803.	2.7	34
770	IPM and Pollinator Protection in Canola Production in the USA. Progress in Biological Control, 2020, , 165-176.	0.5	2
771	Safety of Bees in Relation to Pest Management. , 2013, , 575-640.		2
772	Symbiont-mediated degradation of dietary carbon sources in social herbivorous insects. Advances in Insect Physiology, 2020, 58, 63-109.	1.1	7
773	An assessment of pesticide exposures and land use of honey bees in Virginia. Chemosphere, 2019, 222, 489-493.	4.2	38
774	Silent effect of the fungicide pyraclostrobin on the larval exposure of the non-target organism Africanized Apis mellifera and its interaction with the pathogen Nosema ceranae in adulthood. Environmental Pollution, 2020, 267, 115622.	3.7	26
775	Voltage-gated chloride channel blocker DIDS as an acaricide for Varroa mites. Pesticide Biochemistry and Physiology, 2020, 167, 104603.	1.6	12
776	Bee colony health indicators: synthesis and future directions.. CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources, 0, , 1-12.	0.6	13
777	Antifungal residues analysis in various Romanian honey samples analysis by high resolution mass spectrometry. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2020, 55, 484-494.	0.7	9
778	Elevated Mating Frequency in Honey Bee (Hymenoptera: Apidae) Queens Exposed to the Miticide Amitraz During Development. Annals of the Entomological Society of America, 2021, 114, 620-626.	1.3	6
785	Honey bee survival is affected by interactions between field-relevant rates of fungicides and insecticides used in apple and blueberry production. Facets, 2017, 2, 910-918.	1.1	9
786	The Potential for Using Ozone to Decrease Pesticide Residues in Honey Bee Comb. Agricultural Science, 2013, 1, 1-16.	0.3	4
787	Evaluation of Motor Changes and Toxicity of Insecticides Fipronil and Imidacloprid in Africanized Honey Bees (Hymenoptera: Apidae). Sociobiology, 2017, 64, 50.	0.2	13
788	Effects of Sublethal Concentrations of Chlorpyrifos on Olfactory Learning and Memory Performances in Two Bee Species, Apis mellifera and Apis cerana. Sociobiology, 2017, 64, 174.	0.2	20
789	Sub-Lethal Effects of Pesticide Residues in Brood Comb on Worker Honey Bee (Apis mellifera) Development and Longevity. PLoS ONE, 2011, 6, e14720.	1.1	280

#	Article	IF	Citations
790	Ecologically Appropriate Xenobiotics Induce Cytochrome P450s in Apis mellifera. PLoS ONE, 2012, 7, e31051.	1.1	126
791	Learning Impairment in Honey Bees Caused by Agricultural Spray Adjuvants. PLoS ONE, 2012, 7, e40848.	1.1	93
792	Comparative Toxicities and Synergism of Apple Orchard Pesticides to Apis mellifera (L.) and Osmia cornifrons (Radoszkowski). PLoS ONE, 2013, 8, e72587.	1.1	127
793	Transcriptome Analyses of the Honeybee Response to Nosema ceranae and Insecticides. PLoS ONE, 2014, 9, e91686.	1.1	208
794	Honey Bee Hemocyte Profiling by Flow Cytometry. PLoS ONE, 2014, 9, e108486.	1.1	33
795	Pyrethroids Differentially Alter Voltage-Gated Sodium Channels from the Honeybee Central Olfactory Neurons. PLoS ONE, 2014, 9, e112194.	1.1	19
796	Pyrethroids and Nectar Toxins Have Subtle Effects on the Motor Function, Grooming and Wing Fanning Behaviour of Honeybees (Apis mellifera). PLoS ONE, 2015, 10, e0133733.	1.1	31
797	Neonicotinoid Insecticides and Their Impacts on Bees: A Systematic Review of Research Approaches and Identification of Knowledge Gaps. PLoS ONE, 2015, 10, e0136928.	1.1	236
798	Effects of Sublethal Doses of Imidacloprid on Young Adult Honeybee Behaviour. PLoS ONE, 2015, 10, e0140814.	1.1	46
799	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
800	Linking Measures of Colony and Individual Honey Bee Health to Survival among Apiaries Exposed to Varying Agricultural Land Use. PLoS ONE, 2016, 11, e0152685.	1.1	144
801	Low-Temperature Stress during Capped Brood Stage Increases Pupal Mortality, Misorientation and Adult Mortality in Honey Bees. PLoS ONE, 2016, 11, e0154547.	1.1	47
802	The Status of Honey Bee Health in Italy: Results from the Nationwide Bee Monitoring Network. PLoS ONE, 2016, 11, e0155411.	1.1	100
803	Importance of Ecological Factors and Colony Handling for Optimizing Health Status of Apiaries in Mediterranean Ecosystems. PLoS ONE, 2016, 11, e0164205.	1.1	13
804	Levels of Selected Persistent Organic Pollutants (PCB, PBDE) and Pesticides in Honey Bee Pollen Sampled in Poland. PLoS ONE, 2016, 11, e0167487.	1.1	51
805	Sublethal Effects of Imidacloprid on Honey Bee Colony Growth and Activity at Three Sites in the U.S.. PLoS ONE, 2016, 11, e0168603.	1.1	59
806	Feeding toxicity and impact of imidacloprid formulation and mixtures with six representative pesticides at residue concentrations on honey bee physiology (Apis mellifera). PLoS ONE, 2017, 12, e0178421.	1.1	51
807	Environmental contaminants of honeybee products in Uganda detected using LC-MS/MS and GC-ECD. PLoS ONE, 2017, 12, e0178546.	1.1	34

#	Article	IF	Citations
808	Immune related gene expression in worker honey bee (Apis mellifera carnica) pupae exposed to neonicotinoid thiamethoxam and Varroa mites (Varroa destructor). PLoS ONE, 2017, 12, e0187079.	1.1	40
809	Chemical and cultural control of Tropilaelaps mercedesae mites in honeybee (Apis mellifera) colonies in Northern Thailand. PLoS ONE, 2017, 12, e0188063.	1.1	15
810	Effects of the neonicotinoid acetamiprid in syrup on Bombus impatiens (Hymenoptera: Apidae) microcolony development. PLoS ONE, 2020, 15, e0241111.	1.1	8
811	Increase in longevity and amelioration of pesticide toxicity by natural levels of dietary phytochemicals in the honey bee, Apis mellifera. PLoS ONE, 2020, 15, e0243364.	1.1	12
812	Reproduction of the red mason solitary bee Osmia rufa (syn. Osmia bicornis) (Hymenoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 582	1.2	9
813	IMPACT OF ENVIRONMENTAL CONDITIONS AND AGROTECHNICAL FACTORS ON GROUND BEETLE POPULATIONS IN ARABLE CROPS. Applied Ecology and Environmental Research, 2017, 15, 697-711.	0.2	5
814	Efficacy of spirotetramat for control of blackcurrant leaf midge Dasineura tetensi (RÃ¼bs.), its effects on phytoseiid predatory mites and residues in fruits. European Journal of Horticultural Science, 2020, 85, 455-470.	0.3	1
815	Insights On Pollen Diversity Of Honey Bee (Apis mellifera L.) Colonies Located in Various Agricultural Landscapes. Southwestern Naturalist, 2018, 63, 49.	0.1	9
816	EVALUATES THE POSSIBLE RISK OF POLLEN GRAINS CONTAMINATION BY PESTICIDE RESIDUES AND THEIR AFFECTS ON HONEY BEE SURVIVAL. Journal of Productivity and Development, 2019, 24, 869-883.	0.0	3
817	Looking for the causes of and solutions to the issue of honey bee colony losses. Acta Veterinaria, 2019, 69, 1-31.	0.2	56
818	Anti-Varroa Efficiency of Coumaphos and Its Influence on Oxidative Stress and Survival of Honey Bees. Acta Veterinaria, 2020, 70, 355-373.	0.2	8
819	Geographical Information System for Beekeeping Development. Journal of Apicultural Science, 2019, 63, 5-16.	0.1	9
820	Toxicity of Neonicotinoid Pesticide Imidacloprid and Impediment of Ecosystem Services. Russian Agricultural Sciences, 2018, 44, 171-176.	0.1	2
821	Thiamethoxamâ€™Ä±n Yapay Ã‡iÃ§eklerde SeÃ§enekli Olarak VerildiÄŸinde YayÄ±lmacÄ± ArÄ±larÄ±n DavaranÄ±ÅŸÄ± Ãœzerindeki Etkileri. Uludag Aricilik Dergisi, 0, , 2-13.	0.6	2
822	IMPACT OF PESTICIDES ON HONEYBEE (Apis mellifera L.) DRONES. Uludag Aricilik Dergisi, 2019, 19, 188-194.	0.6	1
823	The Effect of Migratory Beekeeping on the Infestation Rate of Parasites in Honey Bee (Apis mellifera) Colonies and on Their Genetic Variability. Microorganisms, 2021, 9, 22.	1.6	18
824	Exposure of the Common Eastern Bumble Bee, Bombus impatiens (Cresson), to Sub-lethal Doses of Acetamiprid and Propiconazole in Wild Blueberry. Journal of Agricultural and Urban Entomology, 2020, 36, 1.	0.6	12
825	The Two Faces of Lactobacillus kunkeei: Wine Spoilage Agent and Bee Probiotic. Catalyst Discovery Into Practice, 2017, 1, 1-11.	0.5	16

#	Article	IF	Citations
826	Medicinal and culinary herbs as environmentally safe inhibitors of dangerous toxinogenic plant and human fungal pathogens. African Journal of Microbiology Research, 2012, 6, .	0.4	2
827	Desaparecimento de abelhas polinizadoras nos sistemas naturais e agrÃ¢colas: Existe uma explicaÃ§Ã£o?. Revista De Ciencias Agroveterinarias, 2019, 18, .	0.0	8
828	Larval exposure to field-realistic concentrations of clothianidin has no effect on development rate, over-winter survival or adult metabolic rate in a solitary bee, Osmia bicornis. PeerJ, 2017, 5, e3417.	0.9	37
829	Response of adult honey bees treated in larval stage with prochloraz to infection with Nosema ceranae. PeerJ, 2019, 7, e6325.	0.9	30
830	Toxicity of Neonicotinoids to Honey Bees and Detoxification Mechanism in Honey Bees. IOSR Journal of Environmental Science, Toxicology and Food Technology, 2017, 11, 102-110.	0.1	12
831	The COLOSS Varroa Task Force: Combating the Mite in the 21st Century. Bee World, 0, , 1-3.	0.3	1
832	Preliminary trials on effects of lithium salts on Varroa destructor, honey and wax matrices. Journal of Apicultural Research, 2022, 61, 375-391.	0.7	11
833	Effects of agricultural landscape structure, insecticide residues, and pollen diversity on the life-history traits of the red mason bee Osmia bicornis. Science of the Total Environment, 2022, 809, 151142.	3.9	14
834	The Behavioral Toxicity of Insect Growth Disruptors on Apis mellifera Queen Care. Frontiers in Ecology and Evolution, 2021, 9, .	1.1	3
835	Pesticide residues in honeybee-collected pollen: does the EU regulation protect honeybees from pesticides?. Environmental Science and Pollution Research, 2022, 29, 18225-18244.	2.7	10
836	The active ingredients of a mitotoxic fungicide negatively affect pollen consumption and worker survival in laboratory-reared honey bees (Apis mellifera). Ecotoxicology and Environmental Safety, 2021, 226, 112841.	2.9	10
837	Quechers Approach for the Determination of Seven Pesticide Residues in Brazilian Honey Samples Using GC-ÂµECD. Journal of Food Science and Engineering, 2012, 2, .	0.1	0
838	Colliding with Reality: Liquid Modernity and the Environment. , 2014, , 363-392.		1
839	Avvelenamenti da pesticidi. , 2014, , 293-323.		0
840	Prevention of Honeybee Diseases. , 2014, , 347-354.		1
841	Quality Assessment and Nutraceutical Potential of a Traditionally Harvested Honeydew Honey from the Wild in Ghana. Journal of Applied Life Sciences International, 2015, 2, 71-82.	0.2	1
842	Sample Preparation for Determination of Pesticides by High-Performance Liquid Chromatography and Liquid Chromatographyâ€“Tandem Mass Spectrometry. Chromatographic Science, 2015, , 289-302.	0.1	0
843	Epigenetics and Its Applications to Childrenâ€™s Health. , 2016, , 1-20.		0

#	Article	IF	Citations
844	BAL ARILARINDA KOLONÄ° KAYBI. Adnan Menderes Ãœniversitesi Ziraat FakÃ¼ltesi Dergisi, 2016, 13, 151-151.	0.1	2
845	FrÃ©quentation des cultures par les abeilles mellifÃ¨res et sauvagesÂ: synthÃ¨se des connaissances pour rÃ©duire le risque dâ€™intoxication aux pesticides. Cahiers Agricultures, 2016, 25, 44001.	0.4	3
853	Floral Diversity in Different Types of Honey. Brazilian Archives of Biology and Technology, 0, 62, .	0.5	1
857	Effects of Some Entomopathogen Fungi on Apis mellifera L. and Bombus terrestris L.. Journal of Natural and Applied Sciences, 0, , 157-163.	0.1	2
858	Acute and Chronic Toxicity of Imidacloprid on Honeybee Larvae. Nong'yag Gwahag Hoeji, 2019, 23, 177-186.	0.1	1
860	Pesticidesâ€™ Impact on Pollinators. Encyclopedia of the UN Sustainable Development Goals, 2020, , 1-11.	0.0	3
861	Linkages of Microbial Plant Growth Promoters Toward Profitable Farming. , 2020, , 163-190.		0
862	Chemical Stimulants and Stressors Impact the Outcome of Virus Infection and Immune Gene Expression in Honey Bees (Apis mellifera). Frontiers in Immunology, 2021, 12, 747848.	2.2	8
863	Review on mathematical modeling of honeybee population dynamics. Mathematical Biosciences and Engineering, 2021, 18, 9606-9650.	1.0	12
864	Honey: A Sweet Way to Health. , 2020, , 53-80.		1
865	Pesticidesâ€™ Impact on Pollinators. Encyclopedia of the UN Sustainable Development Goals, 2020, , 634-644.	0.0	0
866	Co-formulant in a commercial fungicide product causes lethal and sub-lethal effects in bumble bees. Scientific Reports, 2021, 11, 21653.	1.6	36
868	THE EFFECTS OF PESTICIDE USAGE ON HONEY BEE HEALTH AND PRODUCTS. Journal of Research in Veterinary Medicine, 0, , .	0.1	3
870	Pesticide-induced disturbances of bee gut microbiotas. FEMS Microbiology Reviews, 2022, 46, .	3.9	23
871	Toxicokinetics of three insecticides in the female adult solitary bee Osmia bicornis. Environmental Pollution, 2022, 293, 118610.	3.7	3
872	Past insecticide exposure reduces bee reproduction and population growth rate. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	35
873	Analytical Methodologies for Neonicotinoid Determination in Bee Products. Methods in Pharmacology and Toxicology, 2022, , 65-90.	0.1	1
874	Assessing Varroa destructor acaricide resistance in Apis mellifera colonies of Virginia. Apidologie, 2021, 52, 1278-1290.	0.9	3

#	Article	IF	Citations
875	Determination of Neonicotinoid Insecticides in Bee Products by Using Ultra-High-Performance Liquid Chromatographyâ€“Tandem Mass Spectrometry. Methods in Pharmacology and Toxicology, 2022, , 27-52.	0.1	2
876	Insecticideâ€contaminated honeydew: risks for beneficial insects. Biological Reviews, 2022, 97, 664-678.	4.7	17
877	Sublethal pesticide exposure induces larval removal behavior in honeybees through chemical cues. Ecotoxicology and Environmental Safety, 2021, 228, 113020.	2.9	2
878	Flowering Resources Modulate the Sensitivity of Bumblebees to a Common Fungicide. SSRN Electronic Journal, 0, , .	0.4	0
879	Evaluation of pesticide residues in commercial Swiss beeswax collected in 2019 using ultra-high performance liquid chromatographic analysis. Environmental Science and Pollution Research, 2022, 29, 32054-32064.	2.7	12
880	Effects of glyphosate exposure on honeybees. Environmental Toxicology and Pharmacology, 2022, 90, 103792.	2.0	12
881	Chlorothalonil alters the gut microbiota and reduces the survival of immature honey bees reared in vitro. Pest Management Science, 2022, 78, 1976-1981.	1.7	10
882	Propolis of stingless bees for the development of novel functional food and nutraceutical ingredients: A systematic scoping review of the experimental evidence. Journal of Functional Foods, 2022, 88, 104902.	1.6	20
883	Toxicity Evaluation of Selected Plant Water Extracts on a Honey Bee (Apis mellifera L.) Larvae Model. Animals, 2022, 12, 178.	1.0	3
884	Presence and distribution of pesticides in apicultural products: A critical appraisal. TrAC - Trends in Analytical Chemistry, 2022, 146, 116506.	5.8	26
885	Pilot study findings of the vibration cleaning process of honeycombs. IOP Conference Series: Earth and Environmental Science, 2022, 949, 012033.	0.2	2
886	Miticidal activity of fenazaquin and fenpyroximate againstVarroa destructor, an ectoparasite ofApis mellifera. Pest Management Science, 2022, 78, 1686-1697.	1.7	4
887	Interaction of Insecticides and Fungicides in Bees. Frontiers in Insect Science, 2022, 1, .	0.9	14
888	Determination of Pesticides in Bee Pollen: Validation of a Multiresidue High-Performance Liquid Chromatography-Mass Spectrometry/Mass Spectrometry Method and Testing Pollen Samples of Selected Botanical Origin. Journal of Agricultural and Food Chemistry, 2022, 70, 1507-1515.	2.4	17
889	Attractiveness and toxicity of two insecticides to Tetragonula laeviceps (Apidae: Meliponinae). IOP Conference Series: Earth and Environmental Science, 2022, 974, 012015.	0.2	2
890	Consumption of Supplemental Spring Protein Feeds by Western Honey Bee (Hymenoptera: Apidae) Colonies: Effects on Colony Growth and Pollination Potential. Journal of Economic Entomology, 2022, 115, 417-429.	0.8	9
891	Traces of a neonicotinoid pesticide stimulate different honey bee colony activities, but do not increase colony size or longevity. Ecotoxicology and Environmental Safety, 2022, 231, 113202.	2.9	9
892	Bayesian Multi-Targets Strategy to Track Apis mellifera Movements at Colony Level. Insects, 2022, 13, 181.	1.0	0

#	Article	IF	Citations
894	Variations in Nutritional Requirements Across Bee Species. Frontiers in Sustainable Food Systems, 2022, 6, .	1.8	15
895	A Comparison of Pollen and Syrup Exposure Routes in Bombus impatiens (Hymenoptera: Apidae) Microcolonies: Implications for Pesticide Risk Assessment. Environmental Entomology, 2022, 51, 613-620.	0.7	5
896	One Health, One Hive: A scoping review of honey bees, climate change, pollutants, and antimicrobial resistance. PLoS ONE, 2022, 17, e0242393.	1.1	18
897	Toxicity of the Pesticides Imidacloprid, Difenoconazole and Glyphosate Alone and in Binary and Ternary Mixtures to Winter Honey Bees: Effects on Survival and Antioxidative Defenses. Toxics, 2022, 10, 104.	1.6	12
898	Entomopathogenic Fungi for Pests and Predators Control in Beekeeping. Veterinary Sciences, 2022, 9, 95.	0.6	15
899	Side effects of imidacloprid, ethion, and hexaflumuron on adult and larvae of honey bee Apis mellifera (Hymenoptera, Apidae). Apidologie, 2022, 53, 1.	0.9	6
900	Mild chronic exposure to pesticides alters physiological markers of honey bee health without perturbing the core gut microbiota. Scientific Reports, 2022, 12, 4281.	1.6	30
901	Honey Bee (Apis mellifera) Exposure to Pesticide Residues in Nectar and Pollen in Urban and Suburban Environments from Four Regions of the United States. Environmental Toxicology and Chemistry, 2022, 41, 991-1003.	2.2	12
902	Occurrence of pesticide residues in Brazilian Apis mellifera beeswax by gas chromatography-tandem mass spectrometry and pesticide hazard evaluation. Journal of Apicultural Research, 0, , 1-7.	0.7	4
903	Influence of honey bee seasonal phenotype and emerging conditions on diet behavior and susceptibility to imidacloprid. Apidologie, 2022, 53, 1.	0.9	7
904	The payoffs and tradeoffs of hygienic behavior: a five year field study on a local population of honey bees. Journal of Apicultural Research, 0, , 1-10.	0.7	1
905	A Detoxification Enzyme for Apis mellifera Newly Characterized by Recombinant Expression: 10-Formyl Tetrahydrofolate Dehydrogenase. Frontiers in Insect Science, 2022, 2, .	0.9	2
906	The threat of pesticide and disease co-exposure to managed and wild bee larvae. International Journal for Parasitology: Parasites and Wildlife, 2022, 17, 319-326.	0.6	8
907	Honey bee hive covers reduce food consumption and colony mortality during overwintering. PLoS ONE, 2022, 17, e0266219.	1.1	0
908	The adverse effects of synthetic acaricide tau-fluvalinate (tech.) on winter adult honey bees. Environmental Toxicology and Pharmacology, 2022, 92, 103861.	2.0	4
909	Current status and economic value of insect-pollinated dependent crops in Latin America. Ecological Economics, 2022, 196, 107395.	2.9	11
910	Temporal and spatial patterns of systemic insecticides in avian and insect pollinators and flowers in western Canada (2018, 2019). Environmental Advances, 2022, 8, 100211.	2.2	5
911	Pesticide exposure of wild bees and honey bees foraging from field border flowers in intensively managed agriculture areas. Science of the Total Environment, 2022, 831, 154697.	3.9	24

#	Article	IF	Citations
912	Flowering resources modulate the sensitivity of bumblebees to a common fungicide. Science of the Total Environment, 2022, 829, 154450.	3.9	19
914	The effects of betaâ€cypermethrin, chlorbenzuron, chlorothalonil, and pendimethalin on <scp>Apis mellifera ligustica</scp> and <scp>Apis cerana cerana</scp> larvae reared <scp>in vitro</scp>. Pest Management Science, 2022, 78, 1407-1416.	1.7	11
915	Translocation of Tebuconazole between Bee Matrices and Its Potential Threat on Honey Bee (Apis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.0	6
916	BeeToxAI: An artificial intelligence-based web app to assess acute toxicity of chemicals to honey bees. Artificial Intelligence in the Life Sciences, 2021, 1, 100013.	1.6	8
917	Assessing the toxicological interaction effects of imidacloprid, thiamethoxam, and chlorpyrifos on Bombus terrestris based on the combination index. Scientific Reports, 2022, 12, 6301.	1.6	4
918	Influence of the agricultural landscape surrounding Apis mellifera colonies on the presence of pesticides in honey. Apidologie, 2022, 53, 1.	0.9	4
919	Systemic Assessment of the Chiral Insecticide Pyriproxyfen in a Citrus Nectar Source System: Stereoselective Degradation, Biological Effect and Exposure Risk. Pest Management Science, 2022, , .	1.7	1
935	Species-Enriched Grass-Clover Mixtures Can Promote Bumblebee Abundance Compared with Intensively Managed Conventional Pastures. Agronomy, 2022, 12, 1080.	1.3	7
936	Pesticide risk to managed bees during blueberry pollination is primarily driven by off-farm exposures. Scientific Reports, 2022, 12, 7189.	1.6	20
937	Biocontrol of Plant Diseases Using Glycyrrhiza glabra Leaf Extract. Plant Disease, 2022, 106, 3133-3144.	0.7	8
938	No evidence for impaired solitary bee fitness following pre-flowering sulfoxaflor application alone or in combination with a common fungicide in a semi-field experiment. Environment International, 2022, 164, 107252.	4.8	8
939	Carvone and citral, two promising compounds for controlling the honey bee ectoparasitic mite, Varroa destructor. Journal of Applied Entomology, 2022, 146, 1003-1010.	0.8	3
940	Melatonin enhances the antioxidant capacity to rescue the honey bee Apis mellifera from the ecotoxicological effects caused by environmental imidacloprid. Ecotoxicology and Environmental Safety, 2022, 239, 113622.	2.9	12
941	Acute Toxicity of Pesticide Mixtures to Honey Bees is Generally Additive, and Well Predicted by Concentration Addition. SSRN Electronic Journal, 0, , .	0.4	0
942	Seasonal Variability in Physiology and Behavior Affect the Impact of Fungicide Exposure on Honey Bee (Apis Mellifera) Health. SSRN Electronic Journal, 0, , .	0.4	0
943	Surveillance of Acaricides in Honey. Shokuhin Eiseigaku Zasshi Journal of the Food Hygienic Society of Japan, 2022, 63, 92-96.	0.1	1
944	Fungicides and bees: a review of exposure and risk. Environment International, 2022, 165, 107311.	4.8	42
945	The Movement of Western Honey Bees (Apis mellifera L.) Among U.S. States and Territories: History, Benefits, Risks, and Mitigation Strategies. Frontiers in Ecology and Evolution, 0, 10, .	1.1	6

#	Article	IF	Citations
946	The impact of tobacco (Nicotiana tabacum) farming on the survival of honeybees (Apis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 348-357.	1.3	1
947	No effect of dual exposure to sulfoxaflor and a trypanosome parasite on bumblebee olfactory learning. Scientific Reports, 2022, 12, .	1.6	7
948	The role of botanical treatments used in apiculture to control arthropod pests. Apidologie, 2022, 53, .	0.9	2
949	Clopyralid applied to winter oilseed rape (Brassica napus L.) contaminates the food products nectar, honey and pollen. Food Control, 2022, 140, 109124.	2.8	4
950	Surface Modification of Materials by Atmospheric-Pressure Plasma to Improve Impregnation with Essential Oils for the Control of Tropilaelaps Mites in Honeybees (Apis mellifera). Applied Sciences (Switzerland), 2022, 12, 5800.	1.3	2
951	Methoxyfenozide has minimal effects on replacement queens but may negatively affect sperm storage. Apidologie, 2022, 53, .	0.9	3
952	Identifying global trends and gaps in research on pesticide fipronil: a scientometric review. Environmental Science and Pollution Research, 2022, 29, 79111-79125.	2.7	8
953	The Value of Hazard Quotients in Honey Bee (Apis mellifera) Ecotoxicology: A Review. Frontiers in Ecology and Evolution, 0, 10, .	1.1	3
954	Global Land-Use Development Trends: Traditional Cultural Landscapes Under Threat. Landscape Series, 2022, , 129-199.	0.1	2
955	Spatial clusters of Varroa destructor control strategies in Europe. Journal of Pest Science, 2023, 96, 759-783.	1.9	20
956	Toxicity of Formulated Systemic Insecticides Used in Apple Orchard Pest Management Programs to the Honey Bee (Apis mellifera (L.)). Environments - MDPI, 2022, 9, 90.	1.5	4
957	Risk Assessment of Chlorothalonil as a Probable Human Carcinogen on Selected Vegetables in an Eastern China Province. Frontiers in Public Health, 0, 10, .	1.3	1
958	Classifying the toxicity of pesticides to honey bees via support vector machines with random walk graph kernels. Journal of Chemical Physics, 2022, 157, .	1.2	5
959	More than sixty years living with Varroa destructor: a review of acaricide resistance. International Journal of Pest Management, 0, , 1-18.	0.9	11
960	Evaluating the chronic effect of two varroacides using multiple biomarkers and an integrated biological response index. Environmental Toxicology and Pharmacology, 2022, 94, 103920.	2.0	3
961	Monitoring the effects of field exposure of acetamiprid to honey bee colonies in Eucalyptus monoculture plantations. Science of the Total Environment, 2022, 844, 157030.	3.9	0
962	Transfer of xenobiotics from contaminated beeswax into different bee matrices under field conditions and the related exposure probability. Chemosphere, 2022, 307, 135615.	4.2	2
963	Pesticide risk assessment: honeybee workers are not all equal regarding the risk posed by exposure to pesticides. Environmental Science and Pollution Research, 2022, 29, 90328-90337.	2.7	6

#	Article	IF	Citations
964	Bumblebees can be Exposed to the Herbicide Glyphosate when Foraging. Environmental Toxicology and Chemistry, 2022, 41, 2603-2612.	2.2	13
966	Honey bee losses and pesticides threat: an Asian perspective. Journal of Apicultural Research, 2023, 62, 64-75.	0.7	6
967	Acute toxicity of sublethal concentrations of thiacloprid and clothianidin to immune response and oxidative status of honey bees. Apidologie, 2022, 53, .	0.9	7
968	Seasonal variability in physiology and behavior affect the impact of fungicide exposure on honey bee (Apis mellifera) health. Environmental Pollution, 2022, 311, 120010.	3.7	6
969	Bees under interactive stressors: the novel insecticides flupyradifurone and sulfoxaflor along with the fungicide azoxystrobin disrupt the gut microbiota of honey bees and increase opportunistic bacterial pathogens. Science of the Total Environment, 2022, 849, 157941.	3.9	29
970	Transcriptomic analysis of Malpighian tubules from the stingless bee Melipona scutellaris reveals thiamethoxam-induced damages. Science of the Total Environment, 2022, 850, 158086.	3.9	0
971	Neonicotinoid Residues in Earthworms and Ground Beetles under Intensive Sugar Beet Production: Preliminary Study in Croatia. Agronomy, 2022, 12, 2102.	1.3	0
972	Review on effects of some insecticides on honey bee health. Pesticide Biochemistry and Physiology, 2022, 188, 105219.	1.6	14
973	Contact varroacidal efficacy of lithium citrate and its influence on viral loads, immune parameters and oxidative stress of honey bees in a field experiment. Frontiers in Physiology, 0, 13, .	1.3	5
974	An insecticide application scheme in cotton fields with bi-directional selective effects on bees and pests. International Journal of Tropical Insect Science, 2022, 42, 3499-3511.	0.4	1
975	Biosensing Chlorpyrifos in Environmental Water Samples by a Newly Developed Carbon Nanoparticle-Based Indirect Lateral Flow Assay. Biosensors, 2022, 12, 735.	2.3	2
976	Marker assisted selection for Varroa destructor resistance in New Zealand honey bees. PLoS ONE, 2022, 17, e0273289.	1.1	0
977	A deeper understanding of system interactions can explain contradictory field results on pesticide impact on honey bees. Nature Communications, 2022, 13, .	5.8	6
978	Combined transcriptome and metabolite profiling analyses provide insights into the chronic toxicity of carbaryl and acetamiprid to Apis mellifera larvae. Scientific Reports, 2022, 12, .	1.6	3
979	Toxic effects of detected pyrethroid pesticides on honeybee (Apis mellifera ligustica Spin and Apis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.6	1
980	Intra-specific variation in sensitivity of Bombus terrestris and Osmia bicornis to three pesticides. Scientific Reports, 2022, 12, .	1.6	6
981	Using the Honey Bee (Apis mellifera L.) Cell Line AmEâ€711 to Evaluate Insecticide Toxicity. Environmental Toxicology and Chemistry, 2023, 42, 88-99.	2.2	5
982	Replacing low-risk fungicides with high-risk fungicides for control of powdery mildew in a resistant and susceptible summer squash cultivar in New Jersey. Plant Health Progress, 0, , .	0.8	0

#	Article	IF	Citations
983	Toward evidence-based decision support systems to optimize pollination and yields in highbush blueberry. Frontiers in Sustainable Food Systems, 0, 6, .	1.8	7
984	Acute toxicity of atrazine, alachlor, and chlorpyrifos mixtures to honey bees. Pesticide Biochemistry and Physiology, 2022, 188, 105271.	1.6	5
985	Acute toxicity of pesticide mixtures to honey bees is generally additive, and well predicted by Concentration Addition. Science of the Total Environment, 2023, 857, 159518.	3.9	1
986	Production of solitary bees for pollination in the United States. , 2014, , 541-558.		0
987	A review of the effects of agricultural intensification and the use of pesticides on honey bees and their products and possible palliatives. Spanish Journal of Agricultural Research, 2022, 20, e03R02.	0.3	2
988	The adverse impact on lifespan, immunity, and forage behavior of worker bees (Apis mellifera Linnaeus) Tj ETQq1 1 0.784314 rgBT /Over	3.9	5
989	A short exposure to a semi-natural habitat alleviates the honey bee hive microbial imbalance caused by agricultural stress. Scientific Reports, 2022, 12, .	1.6	5
990	Simulation of Varroa mite control in honey bee colonies without synthetic acaricides: Demonstration of Good Beekeeping Practice for Germany in the <scp>BEEHAVE</scp> model. Ecology and Evolution, 2022, 12, .	0.8	1
991	Biochemical responses, feeding and survival in the solitary bee Osmia bicornis following exposure to an insecticide and a fungicide alone and in combination. Environmental Science and Pollution Research, 0, , .	2.7	1
992	To Save the Bees or Not to Save the Bees: Honey Bee Health in the Anthropocene. , 2022, , .		1
993	Oxidation of solid thin films of neonicotinoid pesticides by gas phase hydroxyl radicals. Environmental Science Atmospheres, 2023, 3, 124-142.	0.9	4
994	Bumblebees under pollution pressure of pesticides in urban and agrarian landscapes. Journal of Hazardous Materials Advances, 2023, 9, 100216.	1.2	2
995	Pesticide exposure and forage shortage in rice cropping system prevents honey bee colony establishment. Environmental Research, 2023, 219, 115097.	3.7	2
996	Strategies and techniques to mitigate the negative impacts of pesticide exposure to honey bees. Environmental Pollution, 2023, 318, 120915.	3.7	4
997	Determination of acaricides in honeys from different botanical origins by gas chromatography-mass spectrometry. Food Chemistry, 2023, 408, 135245.	4.2	8
998	Microâ€beeâ€ota: Honey Bee Normal Microbiota as a Part of Superorganism. Microorganisms, 2022, 10, 2359.	1.6	10
1000	Present state and perspectives in analytical methods for pesticide residues analysis in bee pollen: an overview. Journal of Apicultural Research, 2023, 62, 76-96.	0.7	2
1001	Honey bee colony loss linked to parasites, pesticides and extreme weather across the United States. Scientific Reports, 2022, 12, .	1.6	22

#	Article	IF	Citations
1002	Varroa destructor en LatinoamÃ©rica: una introducciÃ³n a la biologÃa, ecologÃa y control en la regiÃ³n. , 2023, 1, 12-29.		0
1003	Honey bee foraging and pesticide exposure in a desert urban agroecosystem. Ecotoxicology and Environmental Safety, 2023, 249, 114472.	2.9	1
1004	Global honeybee health decline factors and potential conservation techniques. Food Security, 0, , .	2.4	0
1005	DETERMINATION OF RESIDUES OF AMITRAZ AND FLUVALINATE IN HONEY SAMPLES COLLECTED FROM Ã‡UKUROVA DISTRICT. Ilžmir Democracy University Health Sciences Journal, 0, , .	0.4	0
1006	Are fungicides a driver of European foulbrood disease in honey bee colonies pollinating blueberries?. Frontiers in Ecology and Evolution, 0, 11, .	1.1	0
1007	Fungicide Exposure in Honey Bee Hives Varies By Time, Worker Role, and Proximity to Orchards in Spring. Journal of Economic Entomology, 0, , .	0.8	0
1008	Herbicide Effects on Nontarget Organisms, Biodiversity and Ecosystem Functions. , 2024, , 239-257.		1
1009	Glyphosate residue in honey and impacts on Africanized bee hives under field conditions. , 2023, 1, .		0
1010	Norms and Values in Ecosystem Restoration. , 2023, , 507-525.		1
1011	Pesticide residues in nectar and pollen of melon crops: Risk to pollinators and effects of a specific pesticide mixture on Bombus terrestris (Hymenoptera: Apidae) micro-colonies. Environmental Pollution, 2023, 326, 121451.	3.7	4
1012	Honeybee queen exposure to a widely used fungicide disrupts reproduction and colony dynamic. Environmental Pollution, 2023, 322, 121131.	3.7	2
1013	CaracterizaciÃ³n morfomÃ©trica de abejas y zÃ¡nganos (Hymenoptera: Apidae) en una nueva zona de congregaciÃ³n en BoyacÃ¡, Colombia. Temas Agrarios, 2022, 27, 331-343.	0.0	0
1014	Different effects of pesticides on transcripts of the endocrine regulation and energy metabolism in honeybee foragers from different colonies. Scientific Reports, 2023, 13, .	1.6	6
1015	Field recommended concentrations of pyraclostrobin exposure disturb the development and immune response of worker bees (Apis mellifera L.) larvae and pupae. Frontiers in Physiology, 0, 14, .	1.3	4
1016	Parasites, parasitoids, and hive products that are potentially deleterious to wild and commercially raised bumble bees (Bombus spp.) in North America. Journal of Pollination Ecology, 0, 33, 37-53.	0.5	3
1017	Exposure of chlorothalonil and acetamiprid reduce the survival and cause multiple internal disturbances in Apis mellifera larvae reared in vitro. Frontiers in Physiology, 0, 14, .	1.3	1
1018	Decision-making criteria for pesticide spraying considering the beesâ€™ presence on crops to reduce their exposure risk. Frontiers in Ecology and Evolution, 0, 11, .	1.1	1
1019	The challenge of balancing fungicide use and pollinator health. Advances in Insect Physiology, 2023, , 117-190.	1.1	2

#	Article	IF	Citations
1020	Multi-residue analysis of certain lanolin nipple care products for trace contaminants. BMC Chemistry, 2023, 17, .	1.6	1
1021	Ecological traits interact with landscape context to determine beesâ€™ pesticide risk. Nature Ecology and Evolution, 2023, 7, 547-556.	3.4	27
1022	Potential Risk of Residues From Neonicotinoidâ€Treated Sugar Beet in Flowering Weeds to Honey Bees (Apis mellifera L.). Environmental Toxicology and Chemistry, 2023, 42, 1167-1177.	2.2	3
1023	Isolation and characterization of Lactobacillus casei A14.2, a strain with immunomodulating activity on Apis mellifera. Saudi Journal of Biological Sciences, 2023, 30, 103612.	1.8	1
1024	Self-reported assessment of compliance with pesticide rules. Ecotoxicology and Environmental Safety, 2023, 254, 114692.	2.9	5
1025	Acaricide residues in beeswax. Implications in honey, brood and honeybee. Environmental Monitoring and Assessment, 2023, 195, .	1.3	3
1026	Dietary, locomotory, and metabolic reactions of Abax parallelus (Coleoptera, Carabidae) to acute thiamethoxam intoxication. Ecotoxicology, 2023, 32, 290-299.	1.1	1
1027	Quantitation of pesticides in bee bread collected from honey bee colonies in an agricultural environment in Switzerland. Environmental Science and Pollution Research, 2023, 30, 56353-56367.	2.7	4
1028	How do neonicotinoids affect social bees? Linking proximate mechanisms to ecological impacts. Advances in Insect Physiology, 2023, , 191-253.	1.1	2
1029	Neonicotinoid Analysis in Sunflower (Helianthus annuus) Honey Samples Collected around Tekirdag in Turkey. International Journal of Analytical Chemistry, 2023, 2023, 1-9.	0.4	1
1030	Native vegetation embedded in landscapes dominated by corn and soybean improves honey bee health and productivity. Journal of Applied Ecology, 2023, 60, 1032-1043.	1.9	3
1031	Toxic temperatures: Bee behaviours exhibit divergent pesticide toxicity relationships with warming. Global Change Biology, 2023, 29, 2981-2998.	4.2	10
1033	Monoculture is good if you are a squash bee. Proceedings of the National Academy of Sciences of the United States of America, 2023, 120, .	3.3	0
1034	Coumaphos residue transfer to honey bee brood (Apis mellifera) in realistic scenarios. Research in Veterinary Science, 2023, 159, 106-124.	0.9	2
1075	Global Biodiversity Decline and Loss from Agricultural Intensification Through Agrochemical Application. Sustainable Development and Biodiversity, 2023, , 77-103.	1.4	0
1080	Pesticides and Crop Pollination by Bees. , 2023, , 1-9.		0
1088	The effects of anthropogenic toxins on honey bee learning: Research trends and significance. Apidologie, 2023, 54, .	0.9	0
1105	Important Contaminants (Mycotoxins, Pesticide Residues, Pirolizidine Alkaloids) in Pollen. , 2023, , 179-195.		0

#	Article	IF	Citations