

A Common Pesticide Decreases Foraging Success and St

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Citation Report

#	ARTICLE	IF	CITATIONS
3	Residues of Neonicotinoid Insecticides in Bee Collected Plant Materials from Oilseed Rape Crops and their Effect on Bee Colonies. <i>Journal of Apicultural Science</i> , 2012, 56, 115-134.	0.1	120
4	DRUGGED BEES GO MISSING. <i>Journal of Experimental Biology</i> , 2012, 215, iv-iv.	0.8	0
5	Are agrochemicals present in High Fructose Corn Syrup fed to honey bees (<i>Apis mellifera</i> L.)?. <i>Journal of Apicultural Research</i> , 2012, 51, 371-372.	0.7	6
6	Seasonal Flight, Optimal Timing and Efficacy of Selected Insecticides for Cabbage Maggot (<i>Delia</i>) Tj ETQq1 1 0.784314 rgBT /Overloc	1.0	11
7	Comment on "A Common Pesticide Decreases Foraging Success and Survival in Honey Bees". <i>Science</i> , 2012, 337, 1453-1453.	6.0	54
8	Response to Comment on "A Common Pesticide Decreases Foraging Success and Survival in Honey Bees". <i>Science</i> , 2012, 337, 1453-1453.	6.0	27
9	Protecting the Environment and Public Health from Pesticides. <i>Environmental Science & Technology</i> , 2012, 46, 5658-5659.	4.6	24
10	Effects of imidacloprid, a neonicotinoid pesticide, on reproduction in worker bumble bees (<i>Bombus</i>) Tj ETQq1 1 0.784314 rgBT /Overloc	1.1	193
11	Combined pesticide exposure severely affects individual- and colony-level traits in bees. <i>Nature</i> , 2012, 491, 105-108.	13.7	759
12	Towards Integrated Pest Management in Red Clover Seed Production. <i>Journal of Economic Entomology</i> , 2012, 105, 1620-1628.	0.8	22
13	An imaging system for monitoring the in-and-out activity of honey bees. <i>Computers and Electronics in Agriculture</i> , 2012, 89, 100-109.	3.7	54
14	Strip-based immunoassay for the simultaneous detection of the neonicotinoid insecticides imidacloprid and thiamethoxam in agricultural products. <i>Talanta</i> , 2012, 101, 85-90.	2.9	43
16	Bumblebees and pesticides. <i>Nature</i> , 2012, 491, 43-45.	13.7	53
17	Impaired Olfactory Associative Behavior of Honeybee Workers Due to Contamination of Imidacloprid in the Larval Stage. <i>PLoS ONE</i> , 2012, 7, e49472.	1.1	140
18	50 Years of Ecotoxicology since "Silent Spring" A Review. <i>Gaia</i> , 2012, 21, 217-224.	0.3	13
19	The buzz about pesticides. <i>Nature</i> , 0, , .	13.7	0
20	Inventory of EFSA's activities on bees. <i>EFSA Supporting Publications</i> , 2012, 9, 358E.	0.3	2
21	Effect of Widespread Agricultural Chemical Use on Butterfly Diversity across Turkish Provinces. <i>Conservation Biology</i> , 2013, 27, 1439-1448.	2.4	10

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22	REVIEW: An overview of the environmental risks posed by neonicotinoid insecticides. <i>Journal of Applied Ecology</i> , 2013, 50, 977-987.	1.9	1,284
23	Cellular Mechanisms of Neuronal Plasticity in the Honeybee Brain. <i>Handbook of Behavioral Neuroscience</i> , 2013, , 467-477.	0.7	1
24	Effects of exposure of honey bee colonies to neonicotinoid seed-treated maize crops. <i>Journal of Apicultural Science</i> , 2013, 57, 199-208.	0.1	11
25	Diesel exhaust rapidly degrades floral odours used by honeybees. <i>Scientific Reports</i> , 2013, 3, 2779.	1.6	93
26	Hydroxymethylfurfural: A Possible Emergent Cause of Honey Bee Mortality?. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 11865-11870.	2.4	39
27	Wildlife Ecotoxicology of Pesticides: Can We Track Effects to the Population Level and Beyond?. <i>Science</i> , 2013, 341, 759-765.	6.0	658
28	Alleviating the Reference Standard Dilemma Using a Systematic Exact Mass Suspect Screening Approach with Liquid Chromatography-High Resolution Mass Spectrometry. <i>Analytical Chemistry</i> , 2013, 85, 10312-10320.	3.2	153
29	Neonicotinoids, bee disorders and the sustainability of pollinator services. <i>Current Opinion in Environmental Sustainability</i> , 2013, 5, 293-305.	3.1	352
30	Pathogens, Pests, and Economics: Drivers of Honey Bee Colony Declines and Losses. <i>EcoHealth</i> , 2013, 10, 434-445.	0.9	187
31	UHPLC-DAD method for the determination of neonicotinoid insecticides in single bees and its relevance in honeybee colony loss investigations. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 1007-1014.	1.9	30
32	Chronic sublethal stress causes bee colony failure. <i>Ecology Letters</i> , 2013, 16, 1463-1469.	3.0	175
33	Neonicotinoids and bees: What's all the buzz?. <i>Significance</i> , 2013, 10, 6-11.	0.3	10
34	Pesticide-laden dust emission and drift from treated seeds during seed drilling: a review. <i>Pest Management Science</i> , 2013, 69, 564-575.	1.7	108
35	Assessment of flight activity and homing ability in Asian and European honey bee species, <i>Apis cerana</i> and <i>Apis mellifera</i> , measured with radio frequency tags. <i>Apidologie</i> , 2013, 44, 38-51.	0.9	38
36	A potential link among biogenic amines-based pesticides, learning and memory, and colony collapse disorder: A unique hypothesis. <i>Neurochemistry International</i> , 2013, 62, 122-136.	1.9	96
37	Sublethal doses of imidacloprid decreased size of hypopharyngeal glands and respiratory rhythm of honeybees in vivo. <i>Apidologie</i> , 2013, 44, 467-480.	0.9	98
38	Dynamic modelling of honey bee (<i>Apis mellifera</i>) colony growth and failure. <i>Ecological Modelling</i> , 2013, 265, 158-169.	1.2	88
39	Mainstreaming ecosystem services into EU policy. <i>Current Opinion in Environmental Sustainability</i> , 2013, 5, 128-134.	3.1	85

#	ARTICLE	IF	CITATIONS
40	Exposure to multiple cholinergic pesticides impairs olfactory learning and memory in honeybees. <i>Journal of Experimental Biology</i> , 2013, 216, 1799-807.	0.8	245
41	The lethal and sublethal effects of three pesticides on the striped lynx spider (<i>Oxyopes TJ ETQq1 1 0,784314,rgBT /Over</i>)	0.8	17
42	Cholinergic pesticides cause mushroom body neuronal inactivation in honeybees. <i>Nature Communications</i> , 2013, 4, 1634.	5.8	215
43	Progress on entomopathogenic nematology research: A bibliometric study of the last three decades: 1980-2010. <i>Biological Control</i> , 2013, 66, 102-124.	1.4	46
44	Threats to an ecosystem service: pressures on pollinators. <i>Frontiers in Ecology and the Environment</i> , 2013, 11, 251-259.	1.9	980
45	Microbial symbionts of honeybees: a promising tool to improve honeybee health. <i>New Biotechnology</i> , 2013, 30, 716-722.	2.4	53
46	Behavioral responses of the estuarine calanoid copepod <i>Eurytemora affinis</i> to sub-lethal concentrations of waterborne pollutants. <i>Aquatic Toxicology</i> , 2013, 138-139, 129-138.	1.9	49
47	Synthesis and Biological Evaluation of Nitromethylene Neonicotinoids Based on the Enhanced Conjugation. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 10858-10863.	2.4	8
48	Almond orchards with living ground cover host more wild insect pollinators. <i>Journal of Insect Conservation</i> , 2013, 17, 1011-1025.	0.8	58
49	Diastereoselective Metabolism of a Novel Cis-Nitromethylene Neonicotinoid Paichongding in Aerobic Soils. <i>Environmental Science & Technology</i> , 2013, 47, 10389-10396.	4.6	34
50	Standard methods for toxicology research in <i>Apis mellifera</i> . <i>Journal of Apicultural Research</i> , 2013, 52, 1-60.	0.7	131
51	Standard methods for behavioural studies of <i>Apis mellifera</i> . <i>Journal of Apicultural Research</i> , 2013, 52, 1-58.	0.7	122
52	The Influence of Insecticides and Vegetation in Structuring <i>Formica</i> Mound Ant Communities (Hymenoptera: Formicidae) in Maine Lowbush Blueberry. <i>Journal of Economic Entomology</i> , 2013, 106, 716-726.	0.8	5
53	Balancing Control and Complexity in Field Studies of Neonicotinoids and Honey Bee Health. <i>Insects</i> , 2013, 4, 153-167.	1.0	16
54	A common pesticide decreases foraging success and survival in honey bees: questioning the ecological relevance. <i>Frontiers in Physiology</i> , 2013, 4, 37.	1.3	18
55	Henry et al. (2012) homing failure formula, assumptions, and basic mathematics: a comment. <i>Frontiers in Physiology</i> , 2013, 4, 142.	1.3	5
56	Ecological relevance in honeybee pesticide risk assessment: developing context-dependent scenarios to manage uncertainty. <i>Frontiers in Physiology</i> , 2013, 4, 62.	1.3	5
57	Biomonitoring of Bees as Bioindicators. <i>Bee World</i> , 2013, 90, 61-63.	0.3	13

#	ARTICLE	IF	CITATIONS
58	ECOSYSTEM SERVICES AND THE PROTECTION, RESTORATION, AND MANAGEMENT OF ECOSYSTEMS EXPOSED TO CHEMICAL STRESSORS. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 974-983.	2.2	33
59	The Neonicotinoid Insecticide Imidacloprid Repels Pollinating Flies and Beetles at Field-Realistic Concentrations. <i>PLoS ONE</i> , 2013, 8, e54819.	1.1	56
60	Hive Relocation Does Not Adversely Affect Honey Bee (Hymenoptera: Apidae) Foraging. <i>Psyche: Journal of Entomology</i> , 2013, 2013, 1-8.	0.4	7
61	The risk of insecticides to pollinating insects. <i>Communicative and Integrative Biology</i> , 2013, 6, e25074.	0.6	19
62	Predicted transport of pyrethroid insecticides from an urban landscape to surface water. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 2469-2477.	2.2	22
63	Transient Exposure to Low Levels of Insecticide Affects Metabolic Networks of Honeybee Larvae. <i>PLoS ONE</i> , 2013, 8, e68191.	1.1	108
64	Quantifying the impacts of bioenergy crops on pollinating insect abundance and diversity: a field-scale evaluation reveals taxon-specific responses. <i>Journal of Applied Ecology</i> , 2013, 50, 335-344.	1.9	77
65	Honey constituents up-regulate detoxification and immunity genes in the western honey bee <i>Apis mellifera</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 8842-8846.	3.3	246
66	Identifying key knowledge needs for evidence-based conservation of wild insect pollinators: a collaborative cross-sectoral exercise. <i>Insect Conservation and Diversity</i> , 2013, 6, 435-446.	1.4	61
67	Pesticide hazard trends in orchard fruit production in Great Britain from 1992 to 2008: a time-series analysis. <i>Pest Management Science</i> , 2013, 69, 768-774.	1.7	10
68	REVIEW: Towards a systems approach for understanding honeybee decline: a stocktaking and synthesis of existing models. <i>Journal of Applied Ecology</i> , 2013, 50, 868-880.	1.9	154
69	Insecticide Toxicity in Fish. <i>Fish Physiology</i> , 2013, , 309-368.	0.2	14
70	Neonicotinoid clothianidin adversely affects insect immunity and promotes replication of a viral pathogen in honey bees. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 18466-18471.	3.3	531
71	Effects of Exposure to Clothianidin on the Reproductive System of Male Quails. <i>Journal of Veterinary Medical Science</i> , 2013, 75, 755-760.	0.3	60
72	Guidance on the risk assessment of plant protection products on bees (<i>Apis mellifera</i> , <i>Bombus</i> spp. and <i>Tj ETQq0 0 0 rgBT /Overlock 10</i>)	0.9	377
73	The Science, Law and Policy of Neonicotinoids and Bees: A New Test Case for the Precautionary Principle. <i>European Journal of Risk Regulation</i> , 2013, 4, 191-207.	0.8	14
74	Declining European Bee Health: Banning the Neonicotinoids is Not the Answer. <i>Outlooks on Pest Management</i> , 2013, 24, 52-57.	0.1	12
75	Data, Data Everywhere But We Don't Know What to Think? Neonicotinoid Insecticides and Pollinators. <i>Outlooks on Pest Management</i> , 2013, 24, 151-155.	0.1	19

#	ARTICLE	IF	CITATIONS
76	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
77	Viral Infection Affects Sucrose Responsiveness and Homing Ability of Forager Honey Bees, <i>Apis mellifera</i> L. PLoS ONE, 2013, 8, e77354.	1.1	48
78	Demographics of the European Apicultural Industry. PLoS ONE, 2013, 8, e79018.	1.1	100
79	Repression and Recuperation of Brood Production in <i>Bombus terrestris</i> Bumble Bees Exposed to a Pulse of the Neonicotinoid Pesticide Imidacloprid. PLoS ONE, 2013, 8, e79872.	1.1	46
80	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
81	Assessing homing failure in honeybees exposed to pesticides: Guez's (2013) criticism illustrates pitfalls and challenges. <i>Frontiers in Physiology</i> , 2013, 4, 352.	1.3	3
82	Resistance to sap-sucking insects in modern-day agriculture. <i>Frontiers in Plant Science</i> , 2013, 4, 222.	1.7	19
83	Linking Land Cover Data and Crop Yields for Mapping and Assessment of Pollination Services in Europe. <i>Land</i> , 2013, 2, 472-492.	1.2	97
84	How to conserve biodiversity in a nonequilibrium world. , 0, , 393-406.		1
85	Europe debates risk to bees. <i>Nature</i> , 2013, 496, 408-408.	13.7	29
86	Impact of Systemic Insecticides on Organisms and Ecosystems. , 0, , .		18
87	Brain Aging and Performance Plasticity in Honeybees. <i>Handbook of Behavioral Neuroscience</i> , 2013, , 487-500.	0.7	4
88	Outcome of the First Round of Public Consultation on the draft Guidance Document on the Risk Assessment of Plant Protection Products on Bees (<i>Apis mellifera</i> , <i>Bombus</i> spp. and Solitary Bees). EFSA Supporting Publications, 2013, 10, 451E.	0.3	0
89	Pesticides: Environmental Impacts and Management Strategies. , 0, , .		127
90	Agricultural Policies Exacerbate Honeybee Pollination Service Supply-Demand Mismatches Across Europe. PLoS ONE, 2014, 9, e82996.	1.1	171
91	Xenobiotic Effects on Intestinal Stem Cell Proliferation in Adult Honey Bee (<i>Apis mellifera</i> L) Workers. PLoS ONE, 2014, 9, e91180.	1.1	22
92	Environmental Fate of Soil Applied Neonicotinoid Insecticides in an Irrigated Potato Agroecosystem. PLoS ONE, 2014, 9, e97081.	1.1	84
93	Imidacloprid Alters Foraging and Decreases Bee Avoidance of Predators. PLoS ONE, 2014, 9, e102725.	1.1	77

#	ARTICLE	IF	CITATIONS
94	Impact of Chronic Neonicotinoid Exposure on Honeybee Colony Performance and Queen Supersedure. PLoS ONE, 2014, 9, e103592.	1.1	182
95	So Near and Yet So Far: Harmonic Radar Reveals Reduced Homing Ability of Nosema Infected Honeybees. PLoS ONE, 2014, 9, e103989.	1.1	108
96	Unexpected Effects of Low Doses of a Neonicotinoid Insecticide on Behavioral Responses to Sex Pheromone in a Pest Insect. PLoS ONE, 2014, 9, e114411.	1.1	41
97	Encapsulation of biocides by cyclodextrins: toward synergistic effects against pathogens. Beilstein Journal of Organic Chemistry, 2014, 10, 2603-2622.	1.3	36
98	Honeybee immunity and colony losses. Entomologia, 2014, , .	1.0	4
99	Protecting the small majority: insect conservation in Australia and New Zealand. , 0, , 278-297.		1
100	Insect Acetylcholinesterase as a Target for Effective and Environmentally Safe Insecticides. Advances in Insect Physiology, 2014, , 435-494.	1.1	21
101	Chronic impairment of bumblebee natural foraging behaviour induced by sublethal pesticide exposure. Functional Ecology, 2014, 28, 1459-1471.	1.7	220
102	The dose makes the poison: have "field realistic" rates of exposure of bees to neonicotinoid insecticides been overestimated in laboratory studies?. Journal of Apicultural Research, 2014, 53, 607-614.	0.7	115
103	On the Front Line: Quantitative Virus Dynamics in Honeybee (<i>Apis mellifera</i> L.) Colonies along a New Expansion Front of the Parasite <i>Varroa destructor</i> . PLoS Pathogens, 2014, 10, e1004323.	2.1	195
104	Beekeepers'™ Collective Resistance and the Politics of Pesticide Regulation in France and the United States. Political Power and Social Theory, 2014, , 89-122.	0.4	12
105	Results of international standardised beekeeper surveys of colony losses for winter 2012"2013: analysis of winter loss rates and mixed effects modelling of risk factors for winter loss. Journal of Apicultural Research, 2014, 53, 19-34.	0.7	99
106	Sublethal neonicotinoid insecticide exposure reduces solitary bee reproductive success. Agricultural and Forest Entomology, 2014, 16, 119-128.	0.7	154
107	Optical identification of bumblebee species: Effect of morphology on wingbeat frequency. Computers and Electronics in Agriculture, 2014, 109, 94-100.	3.7	18
108	Influence of combined pesticide and parasite exposure on bumblebee colony traits in the laboratory. Journal of Applied Ecology, 2014, 51, 450-459.	1.9	94
109	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
110	Maize pollen foraging by honey bees in relation to crop area and landscape context. Basic and Applied Ecology, 2014, 15, 677-684.	1.2	38
111	The sudden collapse of pollinator communities. Ecology Letters, 2014, 17, 350-359.	3.0	213

#	ARTICLE	IF	CITATIONS
112	Management of Whitefly-Transmitted Viruses in Open-Field Production Systems. <i>Advances in Virus Research</i> , 2014, 90, 147-206.	0.9	70
113	Comparison of two molecular diagnostic tools for the quantification of <i>C. rithidia bombi</i> , a parasite of bumblebees. <i>Entomologia Experimentalis Et Applicata</i> , 2014, 150, 191-197.	0.7	3
114	A large-scale field study examining effects of exposure to clothianidin seed-treated canola on honey bee colony health, development, and overwintering success. <i>PeerJ</i> , 2014, 2, e652.	0.9	109
115	ECOBEE: a tool for long-term honey bee colony monitoring at the landscape scale in West European intensive agroecosystems. <i>Journal of Apicultural Research</i> , 2014, 53, 57-66.	0.7	80
116	Lipotropes Protect against Pathogen-Aggravated Stress and Mortality in Low Dose Pesticide-Exposed Fish. <i>PLoS ONE</i> , 2014, 9, e93499.	1.1	49
117	Exposure to neonicotinoids influences the motor function of adult worker honeybees. <i>Ecotoxicology</i> , 2014, 23, 1409-1418.	1.1	149
118	Holistic screening of collapsing honey bee colonies in Spain: a case study. <i>BMC Research Notes</i> , 2014, 7, 649.	0.6	72
119	A restatement of the natural science evidence base concerning neonicotinoid insecticides and insect pollinators. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140558.	1.2	308
120	Pesticide Residues and Bees – A Risk Assessment. <i>PLoS ONE</i> , 2014, 9, e94482.	1.1	615
121	Contaminants as a neglected source of behavioural variation. <i>Animal Behaviour</i> , 2014, 88, 29-35.	0.8	60
122	Effects of the neonicotinoid pesticide thiamethoxam at field-realistic levels on microcolonies of <i>Bombus terrestris</i> worker bumble bees. <i>Ecotoxicology and Environmental Safety</i> , 2014, 100, 153-158.	2.9	85
123	Toxicity of insecticides used in the Brazilian melon crop to the honey bee <i>Apis mellifera</i> under laboratory conditions. <i>Apidologie</i> , 2014, 45, 34-44.	0.9	34
124	Quantifying and mapping ecosystem services: Demand and supply of pollination in the European Union. <i>Ecological Indicators</i> , 2014, 36, 131-141.	2.6	185
125	Clearance of ingested neonicotinoid pesticide (imidacloprid) in honey bees (<i>Apis mellifera</i>) and bumblebees (<i>Bombus terrestris</i>). <i>Pest Management Science</i> , 2014, 70, 332-337.	1.7	100
126	Field realistic doses of pesticide imidacloprid reduce bumblebee pollen foraging efficiency. <i>Ecotoxicology</i> , 2014, 23, 317-323.	1.1	218
127	A meta-analysis comparing the sensitivity of bees to pesticides. <i>Ecotoxicology</i> , 2014, 23, 324-334.	1.1	279
128	Towards a sustainable management of bees of the subgenus <i>Osmia</i> (Megachilidae; <i>Osmia</i>) as fruit tree pollinators. <i>Apidologie</i> , 2014, 45, 88-105.	0.9	61
129	Pollinator sharing between mass-flowering oilseed rape and co-flowering wild plants: implications for wild plant pollination. <i>Plant Ecology</i> , 2014, 215, 315-325.	0.7	65

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130	Vespa velutina: a new invasive predator of honeybees in Europe. Journal of Pest Science, 2014, 87, 1-16.	1.9	231
131	Potential impacts of synergism in honeybees (<i>Apis mellifera</i>) of exposure to neonicotinoids and sprayed fungicides in crops. Apidologie, 2014, 45, 545-553.	0.9	131
132	Challenges and prospects in the telemetry of insects. Biological Reviews, 2014, 89, 511-530.	4.7	160
133	Bumblebees are not deterred by ecologically relevant concentrations of nectar toxins. Journal of Experimental Biology, 2014, 217, 1620-5.	0.8	68
134	Development of a Natural Practice to Adapt Conservation Goals to Global Change. Conservation Biology, 2014, 28, 696-704.	2.4	42
135	A Causal Analysis of Observed Declines in Managed Honey Bees (<i>Apis mellifera</i>). Human and Ecological Risk Assessment (HERA), 2014, 20, 566-591.	1.7	97
136	Thymol as an alternative to pesticides: persistence and effects of Apilife Var on the phototactic behavior of the honeybee <i>Apis mellifera</i> . Environmental Science and Pollution Research, 2014, 21, 4934-4939.	2.7	31
137	Sensitive analytical methods for 22 relevant insecticides of 3 chemical families in honey by GC-MS/MS and LC-MS/MS. Analytical and Bioanalytical Chemistry, 2014, 406, 621-633.	1.9	61
138	<sc>BEEHAVE</sc>: a systems model of honeybee colony dynamics and foraging to explore multifactorial causes of colony failure. Journal of Applied Ecology, 2014, 51, 470-482.	1.9	219
139	Genomic analysis of the interaction between pesticide exposure and nutrition in honey bees (<i>Apis</i>) Tj ETQq1 1 0.784314 rgBT /Overlook 0.9 158	0.9	158
140	Honey bees, neonicotinoids and bee incident reports: the Canadian situation. Pest Management Science, 2014, 70, 779-783.	1.7	34
141	Bioefficacy of the triterpenoid friedelin against <i>Helicoverpa armigera</i> (Hub.) and <i>Spodoptera litura</i> (Fab.) (Lepidoptera: Noctuidae). Pest Management Science, 2014, 70, 1877-1883.	1.7	28
142	Sublethal pesticide exposure disrupts courtship in the striped lynx spider, <i>Oxyopes salticus</i> (Araneae: Oxyopidae). Journal of Applied Entomology, 2014, 138, 141-148.	0.8	5
143	Neonicotinoid concentrations in arable soils after seed treatment applications in preceding years. Pest Management Science, 2014, 70, 1780-1784.	1.7	125
144	Assessing Spatial Learning and Memory in Rodents. ILAR Journal, 2014, 55, 310-332.	1.8	405
145	Dynamics and Predation Efficiency of <i>Chrysoperla externa</i> (Neuroptera: Chrysopidae) on <i>Enneothrips flavens</i> (Thysanoptera: Thripidae). Florida Entomologist, 2014, 97, 653-658.	0.2	4
146	Book ReviewField Guide to the Common Bees of California: Including Bees of the Western United States.Gretchen Lebuhn . 2013. California Natural History Guides. University of California Press, Berkeley, CA. 175 pages; \$21.95, paperback. ISBN-13: 978-0-520- 27284-2.. Western North American Naturalist, 2014, 74, 254-255.	0.2	0
147	Quantitative Analysis of Neonicotinoid Insecticide Residues in Foods: Implication for Dietary Exposures. Journal of Agricultural and Food Chemistry, 2014, 62, 6082-6090.	2.4	202

#	ARTICLE	IF	CITATIONS
148	Crop-Emptying Rate and the Design of Pesticide Risk Assessment Schemes in the Honey Bee and Wild Bees (Hymenoptera: Apidae). <i>Journal of Economic Entomology</i> , 2014, 107, 38-46.	0.8	10
149	Widespread occurrence of neonicotinoid insecticides in streams in a high corn and soybean producing region, USA. <i>Environmental Pollution</i> , 2014, 193, 189-196.	3.7	297
150	Risks of neonicotinoid insecticides to honeybees. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 719-731.	2.2	216
151	Lethal and Sublethal Effects of Imidacloprid, After Chronic Exposure, On the Insect Model <i>Drosophila melanogaster</i> . <i>Environmental Science & Technology</i> , 2014, 48, 4096-4102.	4.6	57
152	Fipronil and imidacloprid reduce honeybee mitochondrial activity. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 2070-2075.	2.2	90
153	Value of water mazes for assessing spatial and egocentric learning and memory in rodent basic research and regulatory studies. <i>Neurotoxicology and Teratology</i> , 2014, 45, 75-90.	1.2	108
154	How a Complete Pesticide Screening Changes the Assessment of Surface Water Quality. <i>Environmental Science & Technology</i> , 2014, 48, 5423-5432.	4.6	292
155	Fifty Years Since <i>Silent Spring</i> . <i>Annual Review of Phytopathology</i> , 2014, 52, 377-402.	3.5	59
156	Automated monitoring reveals extreme interindividual variation and plasticity in honeybee foraging activity levels. <i>Animal Behaviour</i> , 2014, 95, 41-48.	0.8	89
157	A mid-term analysis of progress toward international biodiversity targets. <i>Science</i> , 2014, 346, 241-244.	6.0	949
158	Neonikotinoide – Wie eine Wirkstoffgruppe die Entwicklung einer In-vitro-Larventestmethode für Honigbienen fördert. <i>Journal Fur Verbraucherschutz Und Lebensmittelsicherheit</i> , 2014, 9, 97-99.	0.5	1
159	Costing conservation: an expert appraisal of the pollinator habitat benefits of England's entry level stewardship. <i>Biodiversity and Conservation</i> , 2014, 23, 1193-1214.	1.2	20
160	Efficacy and Mechanisms of Communication Disruption of the Red Clover Casebearer Moth (<i>Coleophora deauratella</i>) with Complete and Partial Pheromone Formulations. <i>Journal of Chemical Ecology</i> , 2014, 40, 577-589.	0.9	7
161	Patologia e avversità dell'alveare. , 2014, , .		1
162	Design, synthesis and insecticidal activity of spiro heterocycle containing neonicotinoid analogs. <i>Chinese Chemical Letters</i> , 2014, 25, 197-200.	4.8	27
163	Declines in insectivorous birds are associated with high neonicotinoid concentrations. <i>Nature</i> , 2014, 511, 341-343.	13.7	761
164	Pesticide risk assessment in free-ranging bees is weather and landscape dependent. <i>Nature Communications</i> , 2014, 5, 4359.	5.8	44
165	Critical issues facing New Zealand entomology. <i>New Zealand Entomologist</i> , 2014, 37, 1-13.	0.3	27

#	ARTICLE	IF	CITATIONS
166	Determination of toxicity of neonicotinoids on the genome level using chemogenomics in yeast. <i>Chemosphere</i> , 2014, 104, 91-96.	4.2	8
167	Novel biopesticide based on a spider venom peptide shows no adverse effects on honeybees. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140619.	1.2	44
168	Nutrition affects survival in African honeybees exposed to interacting stressors. <i>Functional Ecology</i> , 2014, 28, 913-923.	1.7	68
169	Trials for the possible new controlling techniques as countermeasures against insecticide resistant vector mosquitoes. <i>Medical Entomology and Zoology</i> , 2014, 65, 45-59.	0.0	0
170	Statement on the suitability of the BEEHAVE model for its potential use in a regulatory context and for the risk assessment of multiple stressors in honeybees at the landscape level. <i>EFSA Journal</i> , 2015, 13, 4125.	0.9	31
171	Azobenzene Modified Imidacloprid Derivatives as Photoswitchable Insecticides: Steering Molecular Activity in a Controllable Manner. <i>Scientific Reports</i> , 2015, 5, 13962.	1.6	19
172	Field populations of native Indian honey bees from pesticide intensive agricultural landscape show signs of impaired olfaction. <i>Scientific Reports</i> , 2015, 5, 12504.	1.6	18
173	The combined effect of clothianidin and environmental stress on the behavioral and reproductive function in male mice. <i>Journal of Veterinary Medical Science</i> , 2015, 77, 1207-1215.	0.3	64
174	Neonicotinoid pesticides severely affect honey bee queens. <i>Scientific Reports</i> , 2015, 5, 14621.	1.6	190
175	Evidence for pollinator cost and farming benefits of neonicotinoid seed coatings on oilseed rape. <i>Scientific Reports</i> , 2015, 5, 12574.	1.6	61
176	Low doses of neonicotinoid pesticides in food rewards impair short-term olfactory memory in foraging-age honeybees. <i>Scientific Reports</i> , 2015, 5, 15322.	1.6	59
177	Bumblebee learning and memory is impaired by chronic exposure to a neonicotinoid pesticide. <i>Scientific Reports</i> , 2015, 5, 16508.	1.6	141
178	Neonicotinoids and the prevalence of parasites and disease in bees. <i>Bee World</i> , 2015, 92, 34-40.	0.3	8
179	Insecticides. , 0, , 859-876.		1
180	Does ingestion of neem-contaminated diet cause mortality of honey bee larvae and foragers?. <i>Journal of Apicultural Research</i> , 2015, 54, 405-410.	0.7	6
181	Pesticide use within a pollinator-dependent crop has negative effects on the abundance and species richness of sweat bees, <i>Lasioglossum</i> spp., and on bumble bee colony growth. <i>Journal of Insect Conservation</i> , 2015, 19, 999-1010.	0.8	33
182	Reduced-risk insecticides in Neotropical stingless bee species: impact on survival and activity. <i>Annals of Applied Biology</i> , 2015, 167, 186-196.	1.3	51
183	Ecological traits affect the sensitivity of bees to landscape pressures in European agricultural landscapes. <i>Journal of Applied Ecology</i> , 2015, 52, 1567-1577.	1.9	127

#	ARTICLE	IF	CITATIONS
184	Changes in plant life form, pollination syndrome and breeding system at a regional scale promoted by land use intensity. <i>Diversity and Distributions</i> , 2015, 21, 1319-1328.	1.9	10
185	Environmental Risk Assessment of Agrochemicals – A Critical Appraisal of Current Approaches. , 0, , .		12
186	Conclusion on the peer review of the pesticide risk assessment for bees for the active substance thiamethoxam considering all uses other than seed treatments and granules. <i>EFSA Journal</i> , 2015, 13, 4212.	0.9	31
187	Honey Bees (<i>Apis mellifera</i> L.) and Pollination Issues: Current status, impacts and potential drivers of decline. <i>Journal of Agricultural Science</i> , 2015, 7, .	0.1	23
188	Bees as Biosensors: Chemosensory Ability, Honey Bee Monitoring Systems, and Emergent Sensor Technologies Derived from the Pollinator Syndrome. <i>Biosensors</i> , 2015, 5, 678-711.	2.3	57
189	Similar Comparative Low and High Doses of Deltamethrin and Acetamiprid Differently Impair the Retrieval of the Proboscis Extension Reflex in the Forager Honey Bee (<i>Apis mellifera</i>). <i>Insects</i> , 2015, 6, 805-814.	1.0	18
190	Neonicotinoid Insecticide Residues in Surface Water and Soil Associated with Commercial Maize (Corn) Fields in Southwestern Ontario. <i>PLoS ONE</i> , 2015, 10, e0118139.	1.1	179
191	Deep Sequencing and Ecological Characterization of Gut Microbial Communities of Diverse Bumble Bee Species. <i>PLoS ONE</i> , 2015, 10, e0118566.	1.1	22
192	Assessment of Chronic Sublethal Effects of Imidacloprid on Honey Bee Colony Health. <i>PLoS ONE</i> , 2015, 10, e0118748.	1.1	139
193	Soil-Applied Imidacloprid Translocates to Ornamental Flowers and Reduces Survival of Adult <i>Coleomegilla maculata</i> , <i>Harmonia axyridis</i> , and <i>Hippodamia convergens</i> Lady Beetles, and Larval <i>Danaus plexippus</i> and <i>Vanessa cardui</i> Butterflies. <i>PLoS ONE</i> , 2015, 10, e0119133.	1.1	62
194	Honey Bee Workers That Are Pollen Stressed as Larvae Become Poor Foragers and Waggle Dancers as Adults. <i>PLoS ONE</i> , 2015, 10, e0121731.	1.1	85
195	Neonicotinoid-Coated Zea mays Seeds Indirectly Affect Honeybee Performance and Pathogen Susceptibility in Field Trials. <i>PLoS ONE</i> , 2015, 10, e0125790.	1.1	76
196	Characterizing the Impact of Commercial Pollen Substitute Diets on the Level of <i>Nosema</i> spp. in Honey Bees (<i>Apis mellifera</i> L.). <i>PLoS ONE</i> , 2015, 10, e0132014.	1.1	46
197	Effects of Fungicide and Adjuvant Sprays on Nesting Behavior in Two Managed Solitary Bees, <i>Osmia lignaria</i> and <i>Megachile rotundata</i> . <i>PLoS ONE</i> , 2015, 10, e0135688.	1.1	70
198	Genetics, Synergists, and Age Affect Insecticide Sensitivity of the Honey Bee, <i>Apis mellifera</i> . <i>PLoS ONE</i> , 2015, 10, e0139841.	1.1	81
199	A Locomotor Deficit Induced by Sublethal Doses of Pyrethroid and Neonicotinoid Insecticides in the Honeybee <i>Apis mellifera</i> . <i>PLoS ONE</i> , 2015, 10, e0144879.	1.1	62
201	New Cyt-like Î-endotoxins from <i>Dickeya dadantii</i> : structure and aphicidal activity. <i>Scientific Reports</i> , 2015, 5, 8791.	1.6	11
202	Negative effects of pesticides on wild bee communities can be buffered by landscape context. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20150299.	1.2	144

#	ARTICLE	IF	CITATIONS
203	Weeds for bees? A review. <i>Agronomy for Sustainable Development</i> , 2015, 35, 891-909.	2.2	213
204	Pesticides: Seeking answers amid a toxic debate. <i>Nature</i> , 2015, 521, S52-S55.	13.7	28
205	Determining the foraging potential of oilseed rape to honey bees using aerial surveys and simulations. <i>Journal of Apicultural Research</i> , 2015, 54, 238-245.	0.7	3
206	Interaction between <i>Varroa destructor</i> and imidacloprid reduces flight capacity of honeybees. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151738.	1.2	62
207	Honey Bee Toxicology. <i>Annual Review of Entomology</i> , 2015, 60, 415-434.	5.7	252
208	Honey bee dance decoding and pollen-load analysis show limited foraging on spring-flowering oilseed rape, a potential source of neonicotinoid contamination. <i>Agriculture, Ecosystems and Environment</i> , 2015, 203, 62-68.	2.5	55
209	Rapid behavioral maturation accelerates failure of stressed honey bee colonies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3427-3432.	3.3	220
210	Toxic effects of combined stressors on <i>Daphnia pulex</i> : Interactions between diazinon, 4-nonylphenol, and wastewater effluent. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 1145-1153.	2.2	19
211	Spinosad in the native stingless bee <i>Melipona quadrifasciata</i> : Regrettable non-target toxicity of a bioinsecticide. <i>Chemosphere</i> , 2015, 124, 103-109.	4.2	76
212	Exploring the planetary boundary for chemical pollution. <i>Environment International</i> , 2015, 78, 8-15.	4.8	125
213	Alternatives to neonicotinoid insecticides for pest control: case studies in agriculture and forestry. <i>Environmental Science and Pollution Research</i> , 2015, 22, 135-147.	2.7	95
214	Tetrahydroindeno[1,2- <i>a</i>]imidazol-5(1 <i>H</i>)-ones as Novel Neonicotinoid Insecticides: Reaction Selectivity and Substituent Effects on the Activity Level. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 1360-1369.	2.4	29
215	Pesticide-induced oxidative stress in laboratory and field populations of native honey bees along intensive agricultural landscapes in two Eastern Indian states. <i>Apidologie</i> , 2015, 46, 107-129.	0.9	58
216	Chronic exposure to neonicotinoids increases neuronal vulnerability to mitochondrial dysfunction in the bumblebee (<i>Bombus terrestris</i>). <i>FASEB Journal</i> , 2015, 29, 2112-2119.	0.2	76
217	Bee declines driven by combined stress from parasites, pesticides, and lack of flowers. <i>Science</i> , 2015, 347, 1255-1257.	6.0	2,565
218	Variations in antioxidant defense during the development of the solitary bee <i>Osmia bicornis</i> . <i>Apidologie</i> , 2015, 46, 432-444.	0.9	28
219	Effects of neonicotinoids and fipronil on non-target invertebrates. <i>Environmental Science and Pollution Research</i> , 2015, 22, 68-102.	2.7	639
220	Bioefficacy of <i>Blumea mollis</i> (D. Don) Merr. and <i>Hygrophila schullii</i> (Buch.-Ham.) (Syn. <i>H. auriculata</i>) against <i>Helicoverpa armigera</i> (H&A1/4bner). <i>Archives of Phytopathology and Plant Protection</i> , 2015, 48, 400-411.	0.6	3

#	ARTICLE	IF	CITATIONS
221	Death of the bee hive: understanding the failure of an insect society. <i>Current Opinion in Insect Science</i> , 2015, 10, 45-50.	2.2	74
222	Intersections between neonicotinoid seed treatments and honey bees. <i>Current Opinion in Insect Science</i> , 2015, 10, 8-13.	2.2	55
223	Recovery of aquatic and terrestrial populations in the context of European pesticide risk assessment. <i>Environmental Reviews</i> , 2015, 23, 382-394.	2.1	27
224	Increased Acetylcholinesterase Expression in Bumble Bees During Neonicotinoid-Coated Corn Sowing. <i>Scientific Reports</i> , 2015, 5, 12636.	1.6	26
225	Bioavailability and release of nonextractable (bound) residues of chiral cycloxyprid using geophagous earthworm <i>Metaphire guillelmi</i> in rice paddy soil. <i>Science of the Total Environment</i> , 2015, 526, 243-250.	3.9	27
226	Programmed Cell Death in the Honey Bee (<i>Apis mellifera</i>) (Hymenoptera: Apidae) Worker Brain Induced by Imidacloprid. <i>Journal of Economic Entomology</i> , 2015, 108, 1486-1494.	0.8	55
227	Reprint of "Value of water mazes for assessing spatial and egocentric learning and memory in rodent basic research and regulatory studies". <i>Neurotoxicology and Teratology</i> , 2015, 52, 93-108.	1.2	60
228	Willows (<i>Salix</i> spp.) as pollen and nectar sources for sustaining fruit and berry pollinating insects. <i>Canadian Journal of Plant Science</i> , 2015, 95, 505-516.	0.3	31
229	Detoxification mechanisms of honey bees (<i>Apis mellifera</i>) resulting in tolerance of dietary nicotine. <i>Scientific Reports</i> , 2015, 5, 11779.	1.6	142
230	Pesticides and pollinators: a context-sensitive policy approach. <i>Current Opinion in Insect Science</i> , 2015, 10, 149-155.	2.2	18
231	Effects of sub-lethal doses of glyphosate on honeybee navigation. <i>Journal of Experimental Biology</i> , 2015, , .	0.8	10
232	A neonicotinoid impairs olfactory learning in Asian honey bees (<i>Apis cerana</i>) exposed as larvae or as adults. <i>Scientific Reports</i> , 2015, 5, 10989.	1.6	84
233	In vitro effects of thiamethoxam on larvae of Africanized honey bee <i>Apis mellifera</i> (Hymenoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	4.2	74
234	Integrated pest and pollinator management " adding a new dimension to an accepted paradigm. <i>Current Opinion in Insect Science</i> , 2015, 10, 204-209.	2.2	90
236	Bees prefer foods containing neonicotinoid pesticides. <i>Nature</i> , 2015, 521, 74-76.	13.7	345
237	Seed coating with a neonicotinoid insecticide negatively affects wild bees. <i>Nature</i> , 2015, 521, 77-80.	13.7	816
238	Sex allocation theory reveals a hidden cost of neonicotinoid exposure in a parasitoid wasp. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20150389.	1.2	23
239	Impact of insecticide exposure on the predation activity of the European earwig <i>Forficula auricularia</i> . <i>Environmental Science and Pollution Research</i> , 2015, 22, 14116-14126.	2.7	31

#	ARTICLE	IF	CITATIONS
240	Unprecedented Quassinoids with Promising Biological Activity from <i>Harrisonia perforata</i> . <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5592-5595.	7.2	34
241	Effects, but no interactions, of ubiquitous pesticide and parasite stressors on honey bee (<i>Apis mellifera</i>) lifespan and behaviour in a colony environment. <i>Environmental Microbiology</i> , 2015, 17, 4322-4331.	1.8	47
242	Saving the honeybees in Berlin? A case study of the urban beekeeping boom. <i>Environmental Sociology</i> , 2015, 1, 116-126.	1.7	52
243	Toxic Effects of <i>Couroupita guianensis</i> Against <i>Spodoptera litura</i> (Fabricius) (Lepidoptera: Noctuidae). <i>Neotropical Entomology</i> , 2015, 44, 84-91.	0.5	18
244	Development and comparison of two multi-residue methods for the analysis of select pesticides in honey bees, pollen, and wax by gas chromatography-quadrupole mass spectrometry. <i>Talanta</i> , 2015, 140, 81-87.	2.9	52
245	Sublethal Effect of Imidacloprid on <i>Solenopsis invicta</i> (Hymenoptera: Formicidae) Feeding, Digging, and Foraging Behavior. <i>Environmental Entomology</i> , 2015, 44, 1544-1552.	0.7	27
246	Rapid evolution of virulence leading to host extinction under host-parasite coevolution. <i>BMC Evolutionary Biology</i> , 2015, 15, 112.	3.2	27
247	Effects of dietary lambda-cyhalothrin exposure on bumblebee survival, reproduction, and foraging behavior in laboratory and greenhouse. <i>Journal of Pest Science</i> , 2015, 88, 777-783.	1.9	31
248	Modeling Fate and Transport of Emerging Micro-Pollutants in the Environment. <i>ACS Symposium Series</i> , 2015, , 97-112.	0.5	3
249	A Mathematical Model of the Honeybee-Varroa destructor-Acute Bee Paralysis Virus System with Seasonal Effects. <i>Bulletin of Mathematical Biology</i> , 2015, 77, 1493-1520.	0.9	29
250	The Size But not the Symmetry of the Wings of <i>Eulaema nigrita</i> Lepeletier (Apidae: Euglossini) is Affected by Human-Disturbed Landscapes in the Brazilian Cerrado Savanna. <i>Neotropical Entomology</i> , 2015, 44, 439-447.	0.5	15
251	Predicting Honeybee Colony Failure: Using the BEEHAVE Model to Simulate Colony Responses to Pesticides. <i>Environmental Science & Technology</i> , 2015, 49, 12879-12887.	4.6	38
252	Effects of sublethal doses of glyphosate on honeybee navigation. <i>Journal of Experimental Biology</i> , 2015, 218, 2799-2805.	0.8	187
253	A neonicotinoid, imidacloprid, impairs honey bee aversive learning of simulated predation. <i>Journal of Experimental Biology</i> , 2015, 218, 3199-205.	0.8	37
254	Reconciling laboratory and field assessments of neonicotinoid toxicity to honeybees. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20152110.	1.2	131
255	Economic Dependence of U.S. Industrial Sectors on Animal-Mediated Pollination Service. <i>Environmental Science & Technology</i> , 2015, 49, 14441-14451.	4.6	38
256	Neonicotinoid pesticide exposure impairs crop pollination services provided by bumblebees. <i>Nature</i> , 2015, 528, 548-550.	13.7	249
257	Current Agricultural Practices Threaten Future Global Food Production. <i>Journal of Agricultural and Environmental Ethics</i> , 2015, 28, 203-216.	0.9	36

#	ARTICLE	IF	CITATIONS
258	Diversification practices reduce organic to conventional yield gap. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20141396.	1.2	505
259	EDITOR'S CHOICE: Neonicotinoid insecticide travels through a soil food chain, disrupting biological control of non-target pests and decreasing soya bean yield. Journal of Applied Ecology, 2015, 52, 250-260.	1.9	149
260	Inductive risk and the contexts of communication. Synthese, 2015, 192, 79-96.	0.6	52
261	Effect of a thymol application on olfactory memory and gene expression levels in the brain of the honeybee <i>Apis mellifera</i> . Environmental Science and Pollution Research, 2015, 22, 8022-8030.	2.7	17
262	Bridged heterocyclic neonicotinoid analogues: design, synthesis, and insecticidal activity. Research on Chemical Intermediates, 2015, 41, 5293-5300.	1.3	8
263	Bees under stress: sublethal doses of a neonicotinoid pesticide and pathogens interact to elevate honey bee mortality across the life cycle. Environmental Microbiology, 2015, 17, 969-983.	1.8	295
264	Degradation of chiral neonicotinoid insecticide cycloxaprid in flooded and anoxic soil. Chemosphere, 2015, 119, 334-341.	4.2	38
265	A 1961–2010 record of fertilizer use, pesticide application and cereal yields: a review. Agronomy for Sustainable Development, 2015, 35, 83-93.	2.2	143
266	Delayed and time-cumulative toxicity of imidacloprid in bees, ants and termites. Scientific Reports, 2014, 4, 5566.	1.6	146
267	Pollination mitigates cucumber yield gaps more than pesticide and fertilizer use in tropical smallholder gardens. Journal of Applied Ecology, 2015, 52, 261-269.	1.9	38
268	Mosquitocidal carbamates with low toxicity to agricultural pests: an advantageous property for insecticide resistance management. Pest Management Science, 2015, 71, 1158-1164.	1.7	21
269	Toxicity and biochemical changes in the honey bee <i>Apis mellifera</i> exposed to four insecticides under laboratory conditions. Apidologie, 2015, 46, 177-193.	0.9	88
270	Evaluation of The Relationship between Abundance of Pollinators and Landscape Structure in Hyuganatsu (<i>Citrus tamurana</i>) Orchards in Aya Town, Miyazaki Prefecture. Journal of Forest Planning, 2016, 21, 23-28.	0.1	2
271	Maintaining the Restriction on Neonicotinoids in the European Union – Benefits and Risks to Bees and Pollination Services. Frontiers in Ecology and Evolution, 2016, 4, .	1.1	16
272	Honey Bee Gut Microbiome Is Altered by In-Hive Pesticide Exposures. Frontiers in Microbiology, 2016, 7, 1255.	1.5	165
274	Sequential Relationship between Profitability and Sustainability: The Case of Migratory Beekeeping. Sustainability, 2016, 8, 94.	1.6	12
275	Diversification, Yield and a New Agricultural Revolution: Problems and Prospects. Sustainability, 2016, 8, 1118.	1.6	37
276	Sucrose Sensitivity of Honey Bees Is Differently Affected by Dietary Protein and a Neonicotinoid Pesticide. PLoS ONE, 2016, 11, e0156584.	1.1	36

#	ARTICLE	IF	CITATIONS
277	Honeybees Produce Millimolar Concentrations of Non-Neuronal Acetylcholine for Breeding: Possible Adverse Effects of Neonicotinoids. <i>PLoS ONE</i> , 2016, 11, e0156886.	1.1	32
278	Enhancing Legume Ecosystem Services through an Understanding of Plant-Pollinator Interplay. <i>Frontiers in Plant Science</i> , 2016, 7, 333.	1.7	38
280	Selective extraction and determination of neonicotinoid insecticides in wine by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1460, 9-15.	1.8	33
281	Investigating the impacts of field-realistic exposure to a neonicotinoid pesticide on bumblebee foraging, homing ability and colony growth. <i>Journal of Applied Ecology</i> , 2016, 53, 1440-1449.	1.9	139
282	Interactive effects of pesticide exposure and pathogen infection on bee health—A critical analysis. <i>Biological Reviews</i> , 2016, 91, 1006-1019.	4.7	62
283	Thiamethoxam: Assessing flight activity of honeybees foraging on treated oilseed rape using radio frequency identification technology. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 385-393.	2.2	33
284	INSECTICIDE RESISTANCE IN THE GROUND SPIDER, <i>Pardosa sumatrana</i> (THORELL, 1890; ARANEAE: Tj ETQq0,0 0 rgBT /Overlock	0.6	8
285	Age structure is critical to the population dynamics and survival of honeybee colonies. <i>Royal Society Open Science</i> , 2016, 3, 160444.	1.1	21
286	Neonicotinoids target distinct nicotinic acetylcholine receptors and neurons, leading to differential risks to bumblebees. <i>Scientific Reports</i> , 2016, 6, 24764.	1.6	83
287	Effect of acute pesticide exposure on bee spatial working memory using an analogue of the radial-arm maze. <i>Scientific Reports</i> , 2016, 6, 38957.	1.6	58
288	Neonicotinoid-induced impairment of odour coding in the honeybee. <i>Scientific Reports</i> , 2016, 6, 38110.	1.6	47
289	A mechanistic model to assess risks to honeybee colonies from exposure to pesticides under different scenarios of combined stressors and factors. <i>EFSA Supporting Publications</i> , 2016, 13, 1069E.	0.3	8
290	Combined effect of pollen quality and thiamethoxam on hypopharyngeal gland development and protein content in <i>Apis mellifera</i> . <i>Apidologie</i> , 2016, 47, 779-788.	0.9	51
291	A WSN-based automatic monitoring system for the foraging behavior of honey bees and environmental factors of beehives. <i>Computers and Electronics in Agriculture</i> , 2016, 123, 304-318.	3.7	35
292	Chronic neonicotinoid pesticide exposure and parasite stress differentially affects learning in honeybees and bumblebees. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20160246.	1.2	67
293	Enantioselective absorption and transformation of a novel chiral neonicotinoid [14C]-cycloxyprid in rats. <i>Environmental Pollution</i> , 2016, 213, 770-775.	3.7	14
294	Spatiotemporal changes in flying insect abundance and their functional diversity as a function of distance to natural habitats in a mass flowering crop. <i>Agriculture, Ecosystems and Environment</i> , 2016, 229, 21-29.	2.5	39
295	The neonicotinoid pesticide, imidacloprid, affects <i>Bombus impatiens</i> (bumblebee) sonication behavior when consumed at doses below the LD50. <i>Ecotoxicology</i> , 2016, 25, 1150-1159.	1.1	29

#	ARTICLE	IF	CITATIONS
296	Quantum chemical study on the stability of honeybee queen pheromone against atmospheric factors. <i>Journal of Molecular Modeling</i> , 2016, 22, 140.	0.8	2
297	Uptake of Neonicotinoid Insecticides by Water-Foraging Honey Bees (Hymenoptera: Apidae) Through Guttation Fluid of Winter Oilseed Rape. <i>Journal of Economic Entomology</i> , 2016, 109, 31-40.	0.8	22
298	Determination of neonicotinoids in Estonian honey by liquid chromatography-electrospray mass spectrometry. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2016, 51, 455-464.	0.7	18
299	Current Trends in Wildlife Research. <i>Wildlife Research Monographs</i> , 2016, , .	0.4	4
300	An Overview of Recent Trends in Wildlife Ecotoxicology. <i>Wildlife Research Monographs</i> , 2016, , 125-150.	0.4	8
301	Abiotic and biotic factors affecting the replication and pathogenicity of bee viruses. <i>Current Opinion in Insect Science</i> , 2016, 16, 14-21.	2.2	39
302	Exposure to the neonicotinoid imidacloprid disrupts sex allocation cue use during superparasitism in the parasitoid wasp <i>Nasonia vitripennis</i> . <i>Ecological Entomology</i> , 2016, 41, 693-697.	1.1	26
303	Degradation Processes of Pesticides Used in Potato Cultivations. <i>Reviews of Environmental Contamination and Toxicology</i> , 2016, 242, 105-151.	0.7	4
304	Review of field and monitoring studies investigating the role of nitro-substituted neonicotinoid insecticides in the reported losses of honey bee colonies (<i>Apis mellifera</i>). <i>Ecotoxicology</i> , 2016, 25, 1617-1629.	1.1	52
306	Pesticides Pollution in Agricultural Soils of Pakistan. , 2016, , 199-229.		11
307	Evaluating the academic trend of RFID technology based on SCI and SSCI publications from 2001 to 2014. <i>Scientometrics</i> , 2016, 109, 591-614.	1.6	10
308	Effects of a neonicotinoid pesticide on thermoregulation of African honey bees (<i>Apis mellifera</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 0.95 72		
309	Land-use change reduces habitat suitability for supporting managed honey bee colonies in the Northern Great Plains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 10430-10435.	3.3	151
310	An Evaluation of the Honey Bee (Hymenoptera: Apidae) Safety Profile of a New Systemic Insecticide, Flupyradifurone, Under Field Conditions in Florida. <i>Journal of Economic Entomology</i> , 2016, 109, 1967-1972.	0.8	36
311	Pesticide Toxicity to Pollinators: Exposure, Toxicity and Risk Assessment Methodologies. , 2016, , 153-228.		4
312	Pesticide Toxicity to Non-target Organisms. , 2016, , .		45
313	Flight behaviour of honey bee (<i>Apis mellifera</i>) workers is altered by initial infections of the fungal parasite <i>Nosema apis</i> . <i>Scientific Reports</i> , 2016, 6, 36649.	1.6	29
314	Assessing the health status of managed honeybee colonies (HEALTHY-B): a toolbox to facilitate harmonised data collection. <i>EFSA Journal</i> , 2016, 14, e04578.	0.9	24

#	ARTICLE	IF	CITATIONS
315	Scale dependent drivers of wild bee diversity in tropical heterogeneous agricultural landscapes. <i>Ecology and Evolution</i> , 2016, 6, 6983-6992.	0.8	32
316	Cincinnati water maze: A review of the development, methods, and evidence as a test of egocentric learning and memory. <i>Neurotoxicology and Teratology</i> , 2016, 57, 1-19.	1.2	38
317	Monitoring and exposure assessment of pesticide residues in cowpea (<i>Vigna unguiculata</i> L. Walp) from five provinces of southern China. <i>Regulatory Toxicology and Pharmacology</i> , 2016, 81, 260-267.	1.3	24
318	The Canary in the Coalmine; Bee Declines as an Indicator of Environmental Health. <i>Science Progress</i> , 2016, 99, 312-326.	1.0	36
319	The influence of sublethal doses of imidacloprid on protein content and proteolytic activity in honey bees (<i>Apis mellifera</i> L.). <i>Journal of Apicultural Research</i> , 2016, 55, 212-220.	0.7	9
320	Honey bee (<i>Apis mellifera</i>) drones survive oxidative stress due to increased tolerance instead of avoidance or repair of oxidative damage. <i>Experimental Gerontology</i> , 2016, 83, 15-21.	1.2	37
321	Bacterial biodegradation of neonicotinoid pesticides in soil and water systems. <i>FEMS Microbiology Letters</i> , 2016, 363, fnw252.	0.7	75
322	Large-scale monitoring of effects of clothianidin-dressed oilseed rape seeds on pollinating insects in Northern Germany: effects on honey bees (<i>Apis mellifera</i>). <i>Ecotoxicology</i> , 2016, 25, 1648-1665.	1.1	52
323	Impacts of neonicotinoid use on long-term population changes in wild bees in England. <i>Nature Communications</i> , 2016, 7, 12459.	5.8	367
324	Combined neonicotinoid pesticide and parasite stress alter honeybee queens' physiology and survival. <i>Scientific Reports</i> , 2016, 6, 31430.	1.6	53
325	Predicting the synergy of multiple stress effects. <i>Scientific Reports</i> , 2016, 6, 32965.	1.6	168
326	Computational electronic structure of the bee killer insecticide imidacloprid. <i>New Journal of Chemistry</i> , 2016, 40, 10353-10362.	1.4	12
327	Decline of Bees and Other Pollinators. , 2016, , 109-118.		4
328	Sub-lethal effects of dietary neonicotinoid insecticide exposure on honey bee queen fecundity and colony development. <i>Scientific Reports</i> , 2016, 6, 32108.	1.6	156
329	Identifying bacterial predictors of honey bee health. <i>Journal of Invertebrate Pathology</i> , 2016, 141, 41-44.	1.5	29
330	Non-cultivated plants present a season-long route of pesticide exposure for honey bees. <i>Nature Communications</i> , 2016, 7, 11629.	5.8	211
331	Queens become workers: pesticides alter caste differentiation in bees. <i>Scientific Reports</i> , 2016, 6, 31605.	1.6	28
332	Large-scale monitoring of effects of clothianidin dressed oilseed rape seeds on pollinating insects in Northern Germany: implementation of the monitoring project and its representativeness. <i>Ecotoxicology</i> , 2016, 25, 1630-1647.	1.1	26

#	ARTICLE	IF	CITATIONS
333	Neuropharmacological Manipulation of Restrained and Free-flying Honey Bees, Apis mellifera. Journal of Visualized Experiments, 2016, , .	0.2	9
334	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
335	An indicator framework to help maximise potential benefits for ecosystem services and biodiversity from ecological focus areas. Ecological Indicators, 2016, 69, 859-872.	2.6	20
336	Nitrogen-Mediated Interaction: A Walnutâ€™ Aphidâ€™ Parasitoid System. Environmental Entomology, 2016, 45, 891-896.	0.7	5
337	Design and analysis of field studies with bees: A critical review of the draft EFSA guidance. Integrated Environmental Assessment and Management, 2016, 12, 422-428.	1.6	6
338	Multiple stressors: using the honeybee model BEEHAVE to explore how spatial and temporal forage stress affects colony resilience. Oikos, 2016, 125, 1001-1016.	1.2	57
339	Dietary Pyridoxine Protects against Stress and Maintains Immunohaematological Status in <i>Chanos chanos</i> Exposed to Endosulfan. Basic and Clinical Pharmacology and Toxicology, 2016, 119, 297-308.	1.2	37
340	Honey Bees and Colony Collapse Disorder: A Pluralistic Reframing. Geography Compass, 2016, 10, 222-236.	1.5	45
341	Automatic behaviour analysis system for honeybees using computer vision. Computers and Electronics in Agriculture, 2016, 122, 10-18.	3.7	47
342	Survey and Risk Assessment of<i>Apis mellifera</i>(Hymenoptera: Apidae) Exposure to Neonicotinoid Pesticides in Urban, Rural, and Agricultural Settings. Journal of Economic Entomology, 2016, 109, 520-528.	0.8	31
343	The neonicotinoids thiacloprid, imidacloprid, and clothianidin affect the immunocompetence of honey bees (<i>Apis mellifera</i> L.). Journal of Insect Physiology, 2016, 86, 40-47.	0.9	304
344	Fluorescence Polarization Immunoassay for Highly Efficient Detection of Imidacloprid in Agricultural Samples. Food Analytical Methods, 2016, 9, 2471-2478.	1.3	17
345	Track-a-Forager: a program for the automated analysis of RFID tracking data to reconstruct foraging behaviour. Insectes Sociaux, 2016, 63, 175-183.	0.7	16
346	Assessment of the environmental fate of cycloxyprid in flooded and anaerobic soils by radioisotopic tracing. Science of the Total Environment, 2016, 543, 116-122.	3.9	11
347	Low doses of a neonicotinoid insecticide modify pheromone response thresholds of central but not peripheral olfactory neurons in a pest insect. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20152987.	1.2	18
348	The Hidden and External Costs of Pesticide Use. Sustainable Agriculture Reviews, 2016, , 35-120.	0.6	164
349	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
350	Modulation of pesticide response in honeybees. Apidologie, 2016, 47, 412-426.	0.9	62

#	ARTICLE	IF	CITATIONS
351	Effect of high-frequency radiations on survival of the honeybee (<i>Apis mellifera</i> L.). <i>Apidologie</i> , 2016, 47, 703-710.	0.9	14
352	Lipid nanocapsules for behavioural testing in aquatic toxicology: Timeâ€‘response of <i>Eurytemora affinis</i> to environmental concentrations of PAHs and PCB. <i>Aquatic Toxicology</i> , 2016, 170, 310-322.	1.9	11
353	Nanoplasmonic biochips for rapid label-free detection of imidacloprid pesticides with a smartphone. <i>Biosensors and Bioelectronics</i> , 2016, 75, 88-95.	5.3	80
354	Effects of Neonicotinoids on Promoter-Specific Expression and Activity of Aromatase (CYP19) in Human Adrenocortical Carcinoma (H295R) and Primary Umbilical Vein Endothelial (HUVEC) Cells. <i>Toxicological Sciences</i> , 2016, 149, 134-144.	1.4	56
355	Toxicity of Six Insecticides on Codling Moth (Lepidoptera: Tortricidae) and Effect on Expression of Detoxification Genes. <i>Journal of Economic Entomology</i> , 2016, 109, 320-326.	0.8	20
356	Does the Honey Bee â€‘Risk Cupâ€‘Runneth Over? Estimating Aggregate Exposures for Assessing Pesticide Risks to Honey Bees in Agroecosystems. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 13-20.	2.4	37
357	Distributions of neonicotinoid insecticides in the Commonwealth of Massachusetts: a temporal and spatial variation analysis for pollen and honey samples. <i>Environmental Chemistry</i> , 2016, 13, 4.	0.7	28
358	Pollinators in life cycle assessment: towards a framework for impact assessment. <i>Journal of Cleaner Production</i> , 2017, 140, 525-536.	4.6	38
359	Using BEEHAVE to explore pesticide protection goals for European honeybee (<i>Apis mellifera</i> L.) worker losses at different forage qualities. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 254-264.	2.2	23
360	Performance of honeybee colonies located in neonicotinoidâ€‘treated and untreated cornfields in Quebec. <i>Journal of Applied Entomology</i> , 2017, 141, 112-121.	0.8	16
361	Why Bees Are So Vulnerable to Environmental Stressors. <i>Trends in Ecology and Evolution</i> , 2017, 32, 268-278.	4.2	177
362	Weight of evidence evaluation of a network of adverse outcome pathways linking activation of the nicotinic acetylcholine receptor in honey bees to colony death. <i>Science of the Total Environment</i> , 2017, 584-585, 751-775.	3.9	45
363	A demographic approach to evaluating the impact of stressors on bumble bee colonies. <i>Ecological Entomology</i> , 2017, 42, 221-229.	1.1	22
364	Sublethal pesticide doses negatively affect survival and the cellular responses in American foulbrood-infected honeybee larvae. <i>Scientific Reports</i> , 2017, 7, 40853.	1.6	49
365	Nonâ€‘neuronal acetylcholine involved in reproduction in mammals and honeybees. <i>Journal of Neurochemistry</i> , 2017, 142, 144-150.	2.1	32
366	Freshwater ecotoxicity impacts from pesticide use in animal and vegetable foods produced in Sweden. <i>Science of the Total Environment</i> , 2017, 581-582, 448-459.	3.9	31
367	The Neonicotinoid Insecticide Thiacloprid Impacts upon Bumblebee Colony Development under Field Conditions. <i>Environmental Science & Technology</i> , 2017, 51, 1727-1732.	4.6	74
368	Pleiotropic Effects of Loss of the <i>Drosophila</i> Subunit in <i>Drosophila melanogaster</i> : Implications for Insecticide Resistance. <i>Genetics</i> , 2017, 205, 263-271.	1.2	34

#	ARTICLE	IF	CITATIONS
369	Pollinators and Pesticides. , 2017, , 495-513.		1
370	Sublethal doses of imidacloprid disrupt sexual communication and host finding in a parasitoid wasp. Scientific Reports, 2017, 7, 42756.	1.6	64
371	Concentration-dependent effects of acute and chronic neonicotinoid exposure on the behaviour and development of the nematode <i>Caenorhabditis elegans</i> . Pest Management Science, 2017, 73, 1345-1351.	1.7	14
372	The exposure of honey bees (<i>Apis mellifera</i> ; Hymenoptera: Apidae) to pesticides: Room for improvement in research. Science of the Total Environment, 2017, 587-588, 423-438.	3.9	50
373	Covert deformed wing virus infections have long-term deleterious effects on honeybee foraging and survival. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20162149.	1.2	100
374	Landscape context alters cost of living in honeybee metabolism and feeding. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20162676.	1.2	12
375	<i>The Challenge</i> : Assessment of risks posed by systemic insecticides to hymenopteran pollinators: New perception when we move from laboratory via (semi)field to landscape scale testing?. Environmental Toxicology and Chemistry, 2017, 36, 17-24.	2.2	10
376	The combined effects of a monotonous diet and exposure to thiamethoxam on the performance of bumblebee micro-colonies. Ecotoxicology and Environmental Safety, 2017, 139, 194-201.	2.9	54
377	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
378	Exposure of honey bees (<i>Apis mellifera</i>) 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
379	Pesticide Residue in Foods. , 2017, , .		14
380	Application of Box-Behnken design to optimize multi-sorbent solid phase extraction for trace neonicotinoids in water containing high level of matrix substances. Talanta, 2017, 170, 392-398.	2.9	48
381	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
382	Management of Pesticides: Purposes, Uses, and Concerns. , 2017, , 53-86.		4
383	The impact of crop parameters and surrounding habitats on different pollinator group abundance on agricultural fields. Agriculture, Ecosystems and Environment, 2017, 243, 55-66.	2.5	16
384	Poisoning a Society: A Superorganism Perspective on Honey Bee Toxicology. Bee World, 2017, 94, 30-32.	0.3	2
385	Limited impacts of truck-based ultra-low-volume applications of mosquito adulticides on mortality in honey bees (<i>Apis mellifera</i>). Bulletin of Entomological Research, 2017, 107, 724-733.	0.5	5
386	A sublethal dose of a neonicotinoid insecticide disrupts visual processing and collision avoidance behaviour in <i>Locusta migratoria</i> . Scientific Reports, 2017, 7, 936.	1.6	18

#	ARTICLE	IF	CITATIONS
387	A Mathematical Model of Forager Loss in Honeybee Colonies Infested with Varroa destructor and the Acute Bee Paralysis Virus. <i>Bulletin of Mathematical Biology</i> , 2017, 79, 1218-1253.	0.9	33
388	An experiment on the impact of a neonicotinoid pesticide on honeybees: the value of a formal analysis of the data. <i>Environmental Sciences Europe</i> , 2017, 29, 4.	2.6	5
389	Modeling Effects of Honeybee Behaviors on the Distribution of Pesticide in Nectar within a Hive and Resultant in-Hive Exposure. <i>Environmental Science & Technology</i> , 2017, 51, 6908-6917.	4.6	15
390	Acute toxicity of five pesticides to <i>Apis mellifera</i> larvae reared <i>in vitro</i> . <i>Pest Management Science</i> , 2017, 73, 2282-2286.	1.7	55
392	A common neonicotinoid pesticide, thiamethoxam, impairs honey bee flight ability. <i>Scientific Reports</i> , 2017, 7, 1201.	1.6	124
393	Photodegradation of environmental pollutants using perylene adsorbed on silica gel as a visible-light photocatalyst. <i>Applied Catalysis B: Environmental</i> , 2017, 204, 456-464.	10.8	15
394	Exposure of larvae to thiamethoxam affects the survival and physiology of the honey bee at post-embryonic stages. <i>Environmental Pollution</i> , 2017, 229, 386-393.	3.7	59
395	Differential physiological effects of neonicotinoid insecticides on honey bees: A comparison between <i>Apis mellifera</i> and <i>Apis cerana</i> . <i>Pesticide Biochemistry and Physiology</i> , 2017, 140, 1-8.	1.6	75
396	Neonicotinoid-induced pathogen susceptibility is mitigated by <i>Lactobacillus plantarum</i> immune stimulation in a <i>Drosophila melanogaster</i> model. <i>Scientific Reports</i> , 2017, 7, 2703.	1.6	77
397	The environmental risks of neonicotinoid pesticides: a review of the evidence post 2013. <i>Environmental Science and Pollution Research</i> , 2017, 24, 17285-17325.	2.7	405
398	Ultrasonic-assisted modification of a novel silkworm-excrement-based porous carbon with various Lewis acid metal ions for the sustained release of the pesticide thiamethoxam. <i>RSC Advances</i> , 2017, 7, 30020-30031.	1.7	13
399	Short-term exposure to gold nanoparticle suspension impairs swimming behavior in a widespread calanoid copepod. <i>Environmental Pollution</i> , 2017, 228, 102-110.	3.7	12
400	The vibrational properties of the bee-killer imidacloprid insecticide: A molecular description. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 185, 245-255.	2.0	20
401	Chronic exposure to a neonicotinoid increases expression of antimicrobial peptide genes in the bumblebee <i>Bombus impatiens</i> . <i>Scientific Reports</i> , 2017, 7, 44773.	1.6	13
402	Dew from Warm-Season Turfgrasses as a Possible Route for Pollinator Exposure to Lawn-Applied Imidacloprid. <i>Crop, Forage and Turfgrass Management</i> , 2017, 3, 1-6.	0.2	5
403	Forest reserves and riparian corridors help maintain orchid bee (Hymenoptera: Euglossini) communities in oil palm plantations in Brazil. <i>Apidologie</i> , 2017, 48, 575-587.	0.9	19
404	Occurrence of Neonicotinoid Insecticides in Finished Drinking Water and Fate during Drinking Water Treatment. <i>Environmental Science and Technology Letters</i> , 2017, 4, 168-173.	3.9	206
405	A Bio-Economic Case Study of Canadian Honey Bee (Hymenoptera: Apidae) Colonies: Marker-Assisted Selection (MAS) in Queen Breeding Affects Beekeeper Profits. <i>Journal of Economic Entomology</i> , 2017, 110, 816-825.	0.8	18

#	ARTICLE	IF	CITATIONS
406	Open Controversies: Bees'™ Health, Glyphosate and Endocrine Disruption. , 2017, , 77-104.		1
407	Scientometric overview in nanopesticides. , 2017, , 719-744.		5
408	Stress-mediated Allee effects can cause the sudden collapse of honey bee colonies. Journal of Theoretical Biology, 2017, 420, 213-219.	0.8	42
410	Mini review: Gustatory reception of chemicals affecting host feeding in aedine mosquitoes. Pesticide Biochemistry and Physiology, 2017, 142, 15-20.	1.6	14
411	Modelling seasonal effects of temperature and precipitation on honey bee winter mortality in a temperate climate. Science of the Total Environment, 2017, 579, 1581-1587.	3.9	103
412	Predictive systems models can help elucidate bee declines driven by multiple combined stressors. Apidologie, 2017, 48, 328-339.	0.9	40
413	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
414	Upconversion fluorescence immunoassay for imidacloprid by magnetic nanoparticle separation. Analytical and Bioanalytical Chemistry, 2017, 409, 6885-6892.	1.9	22
415	A worldwide survey of neonicotinoids in honey. Science, 2017, 358, 109-111.	6.0	357
416	An analysis of community perceptions of mosquito-borne disease control and prevention in Sint Eustatius, Caribbean Netherlands. Global Health Action, 2017, 10, 1350394.	0.7	21
417	Empirical, Metagenomic, and Computational Techniques Illuminate the Mechanisms by which Fungicides Compromise Bee Health. Journal of Visualized Experiments, 2017, , .	0.2	12
418	The neonicotinoid insecticide Clothianidin adversely affects immune signaling in a human cell line. Scientific Reports, 2017, 7, 13446.	1.6	22
419	Landscape Scale Study of the Net Effect of Proximity to a Neonicotinoid-Treated Crop on Bee Colony Health. Environmental Science & Technology, 2017, 51, 10825-10833.	4.6	20
420	Effects of sublethal doses of thiacloprid and its formulation Calypso® on the learning and memory performance of honey bees. Journal of Experimental Biology, 2017, 220, 3695-3705.	0.8	49
421	Effects of parasites and pathogens on bee cognition. Ecological Entomology, 2017, 42, 51-64.	1.1	27
422	Dimensions of biodiversity loss: Spatial mismatch in land-use impacts on species, functional and phylogenetic diversity of European bees. Diversity and Distributions, 2017, 23, 1435-1446.	1.9	43
423	Effect of fenprothrin on the viability and homing ability of worker bees Apis mellifera. Journal of Asia-Pacific Entomology, 2017, 20, 1063-1066.	0.4	6
424	Gene expression changes in honey bees induced by sublethal imidacloprid exposure during the larval stage. Insect Biochemistry and Molecular Biology, 2017, 88, 12-20.	1.2	77

#	ARTICLE	IF	CITATIONS
425	Pesticides and bees: Ecological-economic modelling of bee populations on farmland. <i>Ecological Modelling</i> , 2017, 360, 53-62.	1.2	15
427	Impact of Thiamethoxam on Honey Bee Queen (<i>Apis mellifera carnica</i>) Reproductive Morphology and Physiology. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2017, 99, 297-302.	1.3	30
428	The use of a unique co-culture model of fetoplacental steroidogenesis as a screening tool for endocrine disruptors: The effects of neonicotinoids on aromatase activity and hormone production. <i>Toxicology and Applied Pharmacology</i> , 2017, 332, 15-24.	1.3	60
429	Immunosuppression in Honeybee Queens by the Neonicotinoids Thiacloprid and Clothianidin. <i>Scientific Reports</i> , 2017, 7, 4673.	1.6	56
430	Thiamethoxam and picoxystrobin reduce the survival and overload the hepato-nephrotoxic system of the Africanized honeybee. <i>Chemosphere</i> , 2017, 186, 994-1005.	4.2	51
431	Subchronic exposure to sublethal dose of imidacloprid changes electrophysiological properties and expression pattern of nicotinic acetylcholine receptor subtypes in insect neurosecretory cells. <i>NeuroToxicology</i> , 2017, 62, 239-247.	1.4	14
432	Temporal dynamics of whole body residues of the neonicotinoid insecticide imidacloprid in live or dead honeybees. <i>Scientific Reports</i> , 2017, 7, 6288.	1.6	16
433	Neonicotinoid Seed Treatments: Limitations and Compatibility with Integrated Pest Management. <i>Agricultural and Environmental Letters</i> , 2017, 2, ael2017.08.0026.	0.8	49
434	A common neonicotinoid pesticide, thiamethoxam, alters honey bee activity, motor functions, and movement to light. <i>Scientific Reports</i> , 2017, 7, 15132.	1.6	67
435	Neonicotinoid pesticide limits improvement in buzz pollination by bumblebees. <i>Scientific Reports</i> , 2017, 7, 15562.	1.6	28
436	Insecticide Susceptibility in Asian Honey Bees (<i>Apis cerana</i> (Hymenoptera: Apidae)) and Implications for Wild Honey Bees in Asia. <i>Journal of Economic Entomology</i> , 2017, 110, 447-452.	0.8	16
437	Can the exposure of <i>Apis mellifera</i> (Hymenoptera, Apidae) larvae to a field concentration of thiamethoxam affect newly emerged bees?. <i>Chemosphere</i> , 2017, 185, 56-66.	4.2	39
438	Country-specific effects of neonicotinoid pesticides on honey bees and wild bees. <i>Science</i> , 2017, 356, 1393-1395.	6.0	510
439	Chronic exposure to neonicotinoids reduces honey bee health near corn crops. <i>Science</i> , 2017, 356, 1395-1397.	6.0	385
440	Impact of controlled neonicotinoid exposure on bumblebees in a realistic field setting. <i>Journal of Applied Ecology</i> , 2017, 54, 1199-1208.	1.9	54
441	Non-stereoselective transformation of the chiral insecticide cycloxyaprid in aerobic soil. <i>Science of the Total Environment</i> , 2017, 579, 667-674.	3.9	15
442	Biochemical and histological biomarkers in the midgut of <i>Apis mellifera</i> from polluted environment at Beheira Governorate, Egypt. <i>Environmental Science and Pollution Research</i> , 2017, 24, 3181-3193.	2.7	19
443	Mechanistic modeling of pesticide exposure: The missing keystone of honey bee toxicology. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 871-881.	2.2	65

#	ARTICLE	IF	CITATIONS
444	Multiresidue method for trace pesticide analysis in honeybee wax comb by GC-QqQ-MS. <i>Talanta</i> , 2017, 163, 54-64.	2.9	49
445	Current knowledge of detoxification mechanisms of xenobiotic in honey bees. <i>Ecotoxicology</i> , 2017, 26, 1-12.	1.1	94
446	Colony impact of pesticide-induced sublethal effects on honeybee workers: A simulation study using BEEHAVE. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 831-840.	2.2	25
447	A mathematical model for the interplay of <i>Nosema</i> infection and forager losses in honey bee colonies. <i>Journal of Biological Dynamics</i> , 2017, 11, 348-378.	0.8	12
448	Synergistic mortality between a neonicotinoid insecticide and an ergosterol biosynthesis-inhibiting fungicide in three bee species. <i>Pest Management Science</i> , 2017, 73, 1236-1243.	1.7	164
449	A beekeeper's perspective on the neonicotinoid ban. <i>Pest Management Science</i> , 2017, 73, 1295-1298.	1.7	20
450	Sublethal exposure to neonicotinoids and related side effects on insect pollinators: honeybees, bumblebees, and solitary bees. <i>Journal of Plant Diseases and Protection</i> , 2017, 124, 1-30.	1.6	60
451	Production of Fungal Spores for Biological Control. , 2017, , 757-779.		4
452	Field-relevant doses of the systemic insecticide fipronil and fungicide pyraclostrobin impair mandibular and hypopharyngeal glands in nurse honeybees (<i>Apis mellifera</i>). <i>Scientific Reports</i> , 2017, 7, 15217.	1.6	46
453	Understanding Agrarian Crisis: A Participatory and Qualitative Systemic Analysis. <i>Journal of Agricultural Studies</i> , 2017, 5, 260.	0.2	1
454	Bee++: An Object-Oriented, Agent-Based Simulator for Honey Bee Colonies. <i>Insects</i> , 2017, 8, 31.	1.0	18
455	5 Key Challenges and Solutions for Governing Complex Adaptive (Food) Systems. <i>Sustainability</i> , 2017, 9, 1594.	1.6	20
456	Acute Poisoning with Neonicotinoid Insecticide. , 0, , .		3
457	Neonicotinoid pesticides can reduce honeybee colony genetic diversity. <i>PLoS ONE</i> , 2017, 12, e0186109.	1.1	51
458	Massively Introduced Managed Species and Their Consequences for Plant-Pollinator Interactions. <i>Advances in Ecological Research</i> , 2017, 57, 147-199.	1.4	125
459	The bitter battle over the world's most popular insecticides. <i>Nature</i> , 2017, 551, 156-158.	13.7	58
460	Exposure of Honey Bee (<i>Apis mellifera</i> L.) Colonies to Pesticides in Pollen, A Statewide Assessment in Maine. <i>Environmental Entomology</i> , 2018, 47, 378-387.	0.7	28
461	Microbiota-Mediated Modulation of Organophosphate Insecticide Toxicity by Species-Dependent Interactions with Lactobacilli in a <i>Drosophila melanogaster</i> Insect Model. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	55

#	ARTICLE	IF	CITATIONS
462	Environmental Risks and Challenges Associated with Neonicotinoid Insecticides. <i>Environmental Science & Technology</i> , 2018, 52, 3329-3335.	4.6	316
463	Imidacloprid Decreases Honey Bee Survival Rates but Does Not Affect the Gut Microbiome. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	63
464	Random peptide mixtures as new crop protection agents. <i>Microbial Biotechnology</i> , 2018, 11, 1027-1036.	2.0	27
465	Towards sustainable and multifunctional agriculture in farmland landscapes: Lessons from the integrative approach of a French LTSER platform. <i>Science of the Total Environment</i> , 2018, 627, 822-834.	3.9	119
466	The Effects of the Insect Growth Regulators Methoxyfenozide and Pyriproxyfen and the Acaricide Bifenazate on Honey Bee (Hymenoptera: Apidae) Forager Survival. <i>Journal of Economic Entomology</i> , 2018, 111, 510-516.	0.8	21
467	Interactions between pesticides and pathogen susceptibility in honey bees. <i>Current Opinion in Insect Science</i> , 2018, 26, 57-62.	2.2	81
468	Toxicity and effects of the neonicotinoid thiamethoxam on <i>Scaptotrigona bipunctata</i> lepeletier, 1836 (Hymenoptera: Apidae). <i>Environmental Toxicology</i> , 2018, 33, 463-475.	2.1	22
469	Genomic and transcriptomic analysis of the Asian honeybee <i>Apis cerana</i> provides novel insights into honeybee biology. <i>Scientific Reports</i> , 2018, 8, 822.	1.6	68
470	Drivers of colony losses. <i>Current Opinion in Insect Science</i> , 2018, 26, 142-148.	2.2	208
471	Short-Term Exposure to Lambda-Cyhalothrin Negatively Affects the Survival and Memory-Related Characteristics of Worker Bees <i>Apis mellifera</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2018, 75, 59-65.	2.1	29
472	Imidacloprid slows the development of preference for rewarding food sources in bumblebees (<i>Bombus impatiens</i>). <i>Ecotoxicology</i> , 2018, 27, 175-187.	1.1	18
473	Quantitative proteomics reveals divergent responses in <i>Apis mellifera</i> worker and drone pupae to parasitization by <i>Varroa destructor</i> . <i>Journal of Insect Physiology</i> , 2018, 107, 291-301.	0.9	8
474	Transfer of the Active Ingredients of Some Plant Protection Products from Raspberry Plants to Beehives. <i>Archives of Environmental Contamination and Toxicology</i> , 2018, 75, 45-58.	2.1	10
475	Thiamethoxam honey bee colony feeding study: Linking effects at the level of the individual to those at the colony level. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 816-828.	2.2	20
476	Letter to the editor "The resilience of the beehive". <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2018, 21, 1-4.	2.9	0
477	A long-term field study on the effects of dietary exposure of clothianidin to varroosis-weakened honey bee colonies. <i>Ecotoxicology</i> , 2018, 27, 772-783.	1.1	19
478	Treehugger Organic Farm: Visions for Small-Scale, Sustainable Agriculture in Broward, Florida. , 2018, , 411-429.		0
479	Harnessing model organisms to study insecticide resistance. <i>Current Opinion in Insect Science</i> , 2018, 27, 61-67.	2.2	22

#	ARTICLE	IF	CITATIONS
480	Sensitivity analyses for simulating pesticide impacts on honey bee colonies. <i>Ecological Modelling</i> , 2018, 376, 15-27.	1.2	19
481	Effects of riverine landscape changes on pollination services: A case study on the River Minho, Portugal. <i>Ecological Indicators</i> , 2018, 89, 656-666.	2.6	19
482	Sublethal effects of clothianidin and <i>Nosema</i> spp. on the longevity and foraging activity of free flying honey bees. <i>Ecotoxicology</i> , 2018, 27, 527-538.	1.1	28
483	Functional biodiversity, environmental sustainability and crop nutritional properties: A case study of horticultural crops in north-eastern Italy. <i>Applied Soil Ecology</i> , 2018, 123, 699-708.	2.1	7
484	Mitigating effects of pollen during paraquat exposure on gene expression and pathogen prevalence in <i>Apis mellifera</i> L. <i>Ecotoxicology</i> , 2018, 27, 32-44.	1.1	10
485	The transfer of active ingredients of insecticides and fungicides from an orchard to beehives. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2018, 53, 18-24.	0.7	17
486	A 3-year survey of Italian honey bee-collected pollen reveals widespread contamination by agricultural pesticides. <i>Science of the Total Environment</i> , 2018, 615, 208-218.	3.9	183
487	Synergistic interactions between a variety of insecticides and an ergosterol biosynthesis inhibitor fungicide in dietary exposures of bumble bees (<i>Bombus terrestris</i> L.). <i>Pest Management Science</i> , 2018, 74, 541-546.	1.7	50
488	Neonicotinoid insecticides differently modulate acetylcholine-induced currents on mammalian $\alpha 7$ nicotinic acetylcholine receptors. <i>British Journal of Pharmacology</i> , 2018, 175, 1987-1998.	2.7	20
489	Spinosad-mediated effects on the walking ability, midgut, and Malpighian tubules of Africanized honey bee workers. <i>Pest Management Science</i> , 2018, 74, 1311-1318.	1.7	40
490	Acute bee paralysis virus occurs in the Asian honey bee <i>Apis cerana</i> and parasitic mite <i>Tropilaelaps mercedesae</i> . <i>Journal of Invertebrate Pathology</i> , 2018, 151, 131-136.	1.5	21
491	The effect of dietary neonicotinoid pesticides on non-flight thermogenesis in worker bumble bees (<i>Bombus terrestris</i>). <i>Journal of Insect Physiology</i> , 2018, 104, 33-39.	0.9	37
492	Neonicotinoid insecticides in pollen, honey and adult bees in colonies of the European honey bee (<i>Apis mellifera</i>) in the UK. <i>Journal of Apiculture</i> , 2018, 118, 1-10.	1.1	18
493	How to Measure Procedural Knowledge for Solving Biodiversity and Climate Change Challenges. <i>Education Sciences</i> , 2018, 8, 190.	1.4	10
495	Were the sharp declines of dragonfly populations in the 1990s in Japan caused by fipronil and imidacloprid? An analysis of Hill's causality for the case of <i>Sympetrum frequens</i> . <i>Environmental Science and Pollution Research</i> , 2018, 25, 35352-35364.	2.7	39
496	Neonicotinoid exposure disrupts bumblebee nest behavior, social networks, and thermoregulation. <i>Science</i> , 2018, 362, 683-686.	6.0	178
497	AUTOMATED MONITORING OF LIVESTOCK BEHAVIOR USING FREQUENCY-MODULATED CONTINUOUS-WAVE RADARS. <i>Progress in Electromagnetics Research M</i> , 2018, 69, 151-160.	0.5	6
498	Identifying Bee Species by Means of the Foraging Pattern Using Machine Learning. , 2018, , .		8

#	ARTICLE	IF	CITATIONS
499	Aspects, Including Pitfalls, of Temporal Sampling of Flying Insects, with Special Reference to Aphids. <i>Insects</i> , 2018, 9, 153.	1.0	4
500	Strong Interspecific Differences in Foraging Activity Observed Between Honey Bees and Bumble Bees Using Miniaturized Radio Frequency Identification (RFID). <i>Frontiers in Ecology and Evolution</i> , 2018, 6, .	1.1	35
501	The impact of agricultural chemical inputs on environment: global evidence from informetrics analysis and visualization. <i>International Journal of Low-Carbon Technologies</i> , 0, , .	1.2	54
502	Activity rhythm and action range of workers of the invasive hornet predator of honeybees <i>Vespa velutina</i> , measured by radio frequency identification tags. <i>Ecology and Evolution</i> , 2018, 8, 7588-7598.	0.8	28
503	Preparation of an anti-thiamethoxam monoclonal antibody for development of an indirect competitive enzyme-linked immunosorbent assay and a colloidal gold immunoassay. <i>Food and Agricultural Immunology</i> , 2018, 29, 1173-1183.	0.7	23
504	Fipronil pesticide as a suspect in historical mass mortalities of honey bees. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 13033-13038.	3.3	60
505	Neonicotinoids: molecular mechanisms of action, insights into resistance and impact on pollinators. <i>Current Opinion in Insect Science</i> , 2018, 30, 86-92.	2.2	85
506	Endocrine disruption and chronic effects of plant protection products in bees: Can we better protect our pollinators?. <i>Environmental Pollution</i> , 2018, 243, 1588-1601.	3.7	21
507	Relationship of Landscape Type on Neonicotinoid Insecticide Exposure Risks to Honey Bee Colonies: A Statewide Survey. <i>Journal of Economic Entomology</i> , 2018, 111, 2505-2512.	0.8	5
508	Relationship between Genetic Variability and Land Use and Land Cover in Populations of <i>Campomanesia adamantium</i> (Myrtaceae). <i>Diversity</i> , 2018, 10, 106.	0.7	5
509	RECOTOX, a French initiative in ecotoxicology-toxicology to monitor, understand and mitigate the ecotoxicological impacts of pollutants in socioagroecosystems. <i>Environmental Science and Pollution Research</i> , 2018, 25, 33882-33894.	2.7	5
510	Synergistic effects of pathogen and pesticide exposure on honey bee (<i>Apis mellifera</i>) survival and immunity. <i>Journal of Invertebrate Pathology</i> , 2018, 159, 78-86.	1.5	66
511	The Effect of Neonicotinoid Insecticide and Fungicide on Sugar Responsiveness and Orientation Behavior of Honey Bee (<i>Apis mellifera</i>) in Semi-Field Conditions. <i>Insects</i> , 2018, 9, 130.	1.0	9
512	Effects of Neonicotinoid Pesticides on Promoter-Specific Aromatase (CYP19) Expression in Hs578t Breast Cancer Cells and the Role of the VEGF Pathway. <i>Environmental Health Perspectives</i> , 2018, 126, 047014.	2.8	73
513	Impacts of Insecticides on Pollinators of Different Food Plants. <i>Entomology, Ornithology, & Herpetology: Current Research</i> , 2018, 07, .	0.1	11
514	Solving Problems without Borders. <i>American Entomologist</i> , 2018, 64, 165-175.	0.1	0
515	Beekeeping and the Need for Pollination from an Agricultural Perspective in Egypt. <i>Bee World</i> , 2018, 95, 107-112.	0.3	28
516	Transcriptional response of honey bee (<i>Apis mellifera</i>) to differential nutritional status and <i>Nosema</i> infection. <i>BMC Genomics</i> , 2018, 19, 628.	1.2	31

#	ARTICLE	IF	CITATIONS
517	Neonicotinoid insecticide hydrolysis and photolysis: Rates and residual toxicity. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 2797-2809.	2.2	68
518	Effects of bee density and sublethal imidacloprid exposure on cluster temperatures of caged honey bees. <i>Apidologie</i> , 2018, 49, 581-593.	0.9	14
519	Neonicotinoids decrease sucrose responsiveness of honey bees at first contact. <i>Journal of Insect Physiology</i> , 2018, 108, 25-30.	0.9	19
520	Field Populations of Wild <i>Apis cerana</i> Honey Bees Exhibit Increased Genetic Diversity Under Pesticide Stress Along an Agricultural Intensification Gradient in Eastern India. <i>Journal of Insect Science</i> , 2018, 18, .	0.6	5
521	Ecology for Sustainable and Multifunctional Agriculture. <i>Sustainable Agriculture Reviews</i> , 2018, , 1-46.	0.6	8
522	Simultaneous determination of nine neonicotinoids in human urine using isotope-dilution ultra-performance liquid chromatography-tandem mass spectrometry. <i>Environmental Pollution</i> , 2018, 240, 647-652.	3.7	42
523	Floral resources and risk of exposure to pesticides for <i>Melipona quadrifasciata anthidioides</i> Lepeletier 1836 in a Cerrado of São Paulo (Brazil). <i>Grana</i> , 2018, 57, 377-400.	0.4	6
524	Effects of heterospecific pollen from a wind-pollinated and pesticide-treated plant on reproductive success of an insect-pollinated species. <i>American Journal of Botany</i> , 2018, 105, 836-841.	0.8	9
525	A fractional dynamical model for honeybee colony population. <i>International Journal of Biomathematics</i> , 2018, 11, 1850063.	1.5	13
526	Evaluation of neonicotinoid insecticides for oestrogenic, thyroidogenic and adipogenic activity reveals imidacloprid causes lipid accumulation. <i>Journal of Applied Toxicology</i> , 2018, 38, 1483-1491.	1.4	45
527	Monitoring Neonicotinoid Exposure for Bees in Rural and Peri-urban Areas of the U.K. during the Transition from Pre- to Post-moratorium. <i>Environmental Science & Technology</i> , 2018, 52, 9391-9402.	4.6	34
528	Past role and future outlook of the Conservation Reserve Program for supporting honey bees in the Great Plains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 7629-7634.	3.3	49
529	Effects of short-term, sublethal fipronil and its metabolite on dragonfly feeding activity. <i>PLoS ONE</i> , 2018, 13, e0200299.	1.1	27
530	Ignoring Adjuvant Toxicity Falsifies the Safety Profile of Commercial Pesticides. <i>Frontiers in Public Health</i> , 2017, 5, 361.	1.3	185
531	A Comparison of Drought-Tolerant Prairie Plants to Support Managed and Wild Bees in Conservation Programs. <i>Environmental Entomology</i> , 2018, 47, 1128-1142.	0.7	16
532	Increasing the conservation value of powerline corridors for wild bees through vegetation management: an experimental approach. <i>Biodiversity and Conservation</i> , 2018, 27, 2541-2565.	1.2	22
533	Comparative effects of the parasiticide ivermectin on survival and reproduction of adult sepsid flies. <i>Ecotoxicology and Environmental Safety</i> , 2018, 163, 215-222.	2.9	15
534	Review: Have suitable experimental designs been used to determine the effects of neonicotinoid insecticides on bee colony performance in the field?. <i>Journal of Apicultural Research</i> , 2018, 57, 586-592.	0.7	6

#	ARTICLE	IF	CITATIONS
535	Bees increase oilseed rape yield under real field conditions. <i>Agriculture, Ecosystems and Environment</i> , 2018, 266, 39-48.	2.5	54
536	A mechanistic framework to explain the immunosuppressive effects of neurotoxic pesticides on bees. <i>Functional Ecology</i> , 2018, 32, 1921-1930.	1.7	23
537	Honey Bee Survival and Pathogen Prevalence: From the Perspective of Landscape and Exposure to Pesticides. <i>Insects</i> , 2018, 9, 65.	1.0	40
538	A Sustainable Agricultural Future Relies on the Transition to Organic Agroecological Pest Management. <i>Sustainability</i> , 2018, 10, 2023.	1.6	57
539	Effects of Field-Realistic Concentrations of Carbendazim on Survival and Physiology in Forager Honey Bees (Hymenoptera: Apidae). <i>Journal of Insect Science</i> , 2018, 18, .	0.6	11
540	The dilemma of agricultural pollination in Brazil: Beekeeping growth and insecticide use. <i>PLoS ONE</i> , 2018, 13, e0200286.	1.1	25
541	Quantifying the impact of pesticides on learning and memory in bees. <i>Journal of Applied Ecology</i> , 2018, 55, 2812-2821.	1.9	114
542	Toxicity and motor changes in Africanized honey bees (<i>Apis mellifera</i> L.) exposed to fipronil and imidacloprid. <i>Anais Da Academia Brasileira De Ciencias</i> , 2018, 90, 239-245.	0.3	23
543	<i>Apis mellifera</i> (Insecta: Hymenoptera) in the target of neonicotinoids: A one-way ticket? Bioinsecticides can be an alternative. <i>Ecotoxicology and Environmental Safety</i> , 2018, 163, 28-36.	2.9	18
544	Antioil Ag ₃ PO ₄ Nanoparticle/Polydopamine/Al ₂ O ₃ Sandwich Structure for Complex Wastewater Treatment: Dynamic Catalysis under Natural Light. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 8019-8028.	3.2	134
545	Is pollinator visitation of <i>Helianthus annuus</i> (sunflower) influenced by cultivar or pesticide treatment?. <i>Crop Protection</i> , 2018, 114, 83-89.	1.0	10
546	Toxic effect of the novel chiral insecticide IPP and its biodegradation intermediate in nematode <i>Caenorhabditis elegans</i> . <i>Ecotoxicology and Environmental Safety</i> , 2018, 164, 604-610.	2.9	12
547	Imidacloprid Sorption and Transport in Cropland, Grass Buffer, and Riparian Buffer Soils. <i>Vadose Zone Journal</i> , 2018, 17, 1-12.	1.3	108
548	Metabolomic analysis of honey bee, <i>Apis mellifera</i> L. response to thiacloprid. <i>Pesticide Biochemistry and Physiology</i> , 2018, 152, 17-23.	1.6	34
549	Sulfoxaflor exposure reduces bumblebee reproductive success. <i>Nature</i> , 2018, 561, 109-112.	13.7	152
550	Beekeeping in Parts of the Levant Region. , 2018, , 71-93.		1
551	Pollinator Decline – An Ecological Calamity in the Making?. <i>Science Progress</i> , 2018, 101, 121-160.	1.0	76
552	Neonicotinoid residues in UK honey despite European Union moratorium. <i>PLoS ONE</i> , 2018, 13, e0189681.	1.1	31

#	ARTICLE	IF	CITATIONS
553	Comparative chronic toxicity of three neonicotinoids on New Zealand packaged honey bees. PLoS ONE, 2018, 13, e0190517.	1.1	24
554	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
555	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
556	Evaluating European Food Safety Authority Protection Goals for Honeybees (<i>Apis mellifera</i>): What Do They Mean for Pollination?. Integrated Environmental Assessment and Management, 2018, 14, 750-758.	1.6	9
557	Sensitive Detection of Neonicotinoid Insecticides and Other Selected Pesticides in Pollen and Nectar Using Nanoflow Liquid Chromatography Orbitrap Tandem Mass Spectrometry. Journal of AOAC INTERNATIONAL, 2018, 101, 367-373.	0.7	10
558	Chronic toxicity of clothianidin, imidacloprid, chlorpyrifos, and dimethoate to <i>Apis mellifera</i> L. larvae reared <i>in vitro</i> . Pest Management Science, 2019, 75, 29-36.	1.7	47
559	Endogenous plant metabolites against insects. European Journal of Plant Pathology, 2019, 154, 67-90.	0.8	64
560	Evaluating the genotoxic damage in bovine whole blood cells <i>in vitro</i> after exposure to thiacloprid. Toxicology in Vitro, 2019, 61, 104616.	1.1	13
561	Honey bees (<i>Apis mellifera</i> spp.) respond to increased aluminum exposure in their foraging choice, motility, and circadian rhythmicity. PLoS ONE, 2019, 14, e0218365.	1.1	8
562	Biotransformation and detoxification of the neonicotinoid insecticides nitenpyram and dinotefuran by <i>Phanerochaete sordida</i> YK-624. Environmental Pollution, 2019, 252, 856-862.	3.7	48
563	Semi-quantitative analysis of morphological changes in bee tissues: A toxicological approach. Chemosphere, 2019, 236, 124255.	4.2	15
564	Sublethal exposure to clothianidin during the larval stage causes long-term impairment of hygienic and foraging behaviours of honey bees. Apidologie, 2019, 50, 595-605.	0.9	26
565	Toward the protection of bees and pollination under global change: present and future perspectives in a challenging applied science. Current Opinion in Insect Science, 2019, 35, 123-131.	2.2	53
566	Nonstereoselective foliar absorption and translocation of cycloxaprid, a novel chiral neonicotinoid, in Chinese cabbage. Environmental Pollution, 2019, 252, 1593-1598.	3.7	7
567	Traces of a Neonicotinoid Induce Precocious Foraging and Reduce Foraging Performance in Honey Bees. Environmental Science & Technology, 2019, 53, 8252-8261.	4.6	82
568	The Neurophysiological Bases of the Impact of Neonicotinoid Pesticides on the Behaviour of Honeybees. Insects, 2019, 10, 344.	1.0	34
569	<i>Bombus</i> (Hymenoptera: Apidae) Microcolonies as a Tool for Biological Understanding and Pesticide Risk Assessment. Environmental Entomology, 2019, 48, 1249-1259.	0.7	35
570	Bee pollination outperforms pesticides for oilseed crop production and profitability. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20191550.	1.2	45

#	ARTICLE	IF	CITATIONS
571	Sub-Lethal Doses of Clothianidin Inhibit the Conditioning and Biosensory Abilities of the Western Honeybee <i>Apis mellifera</i> . <i>Insects</i> , 2019, 10, 340.	1.0	11
572	The perception of crop protection: Explicit vs. implicit association of the public and in agriculture. <i>Journal of Environmental Psychology</i> , 2019, 66, 101346.	2.3	5
573	Risk and Toxicity Assessment of a Potential Natural Insecticide, Methyl Benzoate, in Honey Bees (<i>Apis mellifera</i>). <i>Journal of Apicultural Research</i> , 2019, 48, 1-11.	1.0	11
574	A Neonicotinoid Insecticide at a Rate Found in Nectar Reduces Longevity but Not Oogenesis in Monarch Butterflies, <i>Danaus plexippus</i> (L.). (<i>Lepidoptera: Nymphalidae</i>). <i>Insects</i> , 2019, 10, 276.	1.0	15
575	Effects of clothianidin on antioxidant enzyme activities and malondialdehyde level in honey bee drone semen. <i>Journal of Apicultural Research</i> , 2019, 58, 740-745.	0.7	18
576	Hash Functions and Benchmarks for Resource Constrained Passive Devices: A Preliminary Study. , 2019, , .		6
577	Evaluation of Residue Levels of Imidacloprid and Thiamethoxam After Foliar Application to the Citrus Varieties Lane Late, Valencia Late, Rohde Summer, and Nules. <i>Journal of Economic Entomology</i> , 2019, 112, 2676-2685.	0.8	5
578	The SAGE Community Coordinator. , 2019, , .		2
579	Corporate Environmental Disclosure in India: An Analysis of Multinational and Domestic Agrochemical Corporations. <i>Sustainability</i> , 2019, 11, 4843.	1.6	8
580	The Economics of Honey Bee (<i>Hymenoptera: Apidae</i>) Management and Overwintering Strategies for Colonies Used to Pollinate Almonds. <i>Journal of Economic Entomology</i> , 2019, 112, 2524-2533.	0.8	39
581	An Environmental Model of Honey Bee Colony Collapse Due to Pesticide Contamination. <i>Bulletin of Mathematical Biology</i> , 2019, 81, 4908-4931.	0.9	21
582	Factors restraining the population growth of <i>Varroa destructor</i> in Ethiopian honey bees (<i>Apis mellifera</i>). <i>Journal of Apicultural Research</i> , 2019, 48, 1-11.	1.1	20
583	Trace-level determination of two neonicotinoid insecticide residues in honey bee royal jelly using ultra-sound assisted salting-out liquid liquid extraction followed by ultra-high-performance liquid chromatography-tandem mass spectrometry. <i>Microchemical Journal</i> , 2019, 151, 104249.	2.3	20
585	Neonicotinoid insecticidal seed-treatment on corn contaminates interseeded cover crops intended as habitat for beneficial insects. <i>Ecotoxicology</i> , 2019, 28, 222-228.	1.1	18
586	Thymol Affects Congruency Between Olfactory and Gustatory Stimuli in Bees. <i>Scientific Reports</i> , 2019, 9, 7752.	1.6	4
587	Competitive immunoassay for simultaneous detection of imidacloprid and thiacloprid by upconversion nanoparticles and magnetic nanoparticles. <i>Environmental Science and Pollution Research</i> , 2019, 26, 23471-23479.	2.7	25
588	Spinosad-mediated effects in the post-embryonic development of <i>Partamona helleri</i> (<i>Hymenoptera: Megachilidae</i>). <i>Journal of Apicultural Research</i> , 2019, 48, 1-11.	0.7	15
589	Analysis of pesticide residues in honeybee (<i>Apis mellifera</i> L.) and in corbicular pollen. Exposure in citrus orchard with an integrated pest management system. <i>Talanta</i> , 2019, 204, 153-162.	2.9	20

#	ARTICLE	IF	CITATIONS
590	Determination of the Limit of Detection of Multiple Pesticides Utilizing Gold Nanoparticles and Surface-Enhanced Raman Spectroscopy. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 12642-12651.	2.4	64
591	Ecological toxicity reduction of dinotefuran to honeybee: New perspective from an enantiomeric level. <i>Environment International</i> , 2019, 130, 104854.	4.8	69
592	Long-term dynamics of honey bee colonies following exposure to chemical stress. <i>Science of the Total Environment</i> , 2019, 677, 660-670.	3.9	39
593	The Conservation of Native Honey Bees Is Crucial. <i>Trends in Ecology and Evolution</i> , 2019, 34, 789-798.	4.2	110
594	Repellency of insecticides and the effect of thiacloprid on bumble bee colony development in red clover (<i>Trifolium pratense</i> L.) seed crops. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2019, 69, 439-451.	0.3	5
595	Pesticide induced visual abnormalities in Asian honey bees (<i>Apis cerana</i> L.) in intensive agricultural landscapes. <i>Chemosphere</i> , 2019, 230, 51-58.	4.2	14
596	Sub-lethal concentrations of neonicotinoid insecticides at the field level affect negatively honey yield: Evidence from a 6-year survey of Greek apiaries. <i>PLoS ONE</i> , 2019, 14, e0215363.	1.1	9
597	<i>tau</i> Fluralinate and other pesticide residues in honey bees before overwintering. <i>Pest Management Science</i> , 2019, 75, 3245-3251.	1.7	12
598	Insecticidal Activity Evaluation of Phenylazo and Dihydropyrrole-Fused Neonicotinoids Against Cowpea Aphids Using the MLR Approach. <i>Proceedings (mdpi)</i> , 2018, 9, .	0.2	1
599	Honey bees increase their foraging performance and frequency of pollen trips through experience. <i>Scientific Reports</i> , 2019, 9, 6778.	1.6	51
600	Contact application of neonicotinoids suppresses the predation rate in different densities of prey and induces paralysis of common farmland spiders. <i>Scientific Reports</i> , 2019, 9, 5724.	1.6	17
601	Mitigating the precipitous decline of terrestrial European insects: Requirements for a new strategy. <i>Biodiversity and Conservation</i> , 2019, 28, 1343-1360.	1.2	159
602	Impact of acute oral exposure to thiamethoxam on the homing, flight, learning acquisition and short-term retention of <i>Apis cerana</i> . <i>Pest Management Science</i> , 2019, 75, 2975-2980.	1.7	22
603	The spread of resistance to imidacloprid is restricted by thermotolerance in natural populations of <i>Drosophila melanogaster</i> . <i>Nature Ecology and Evolution</i> , 2019, 3, 647-656.	3.4	26
604	Design of environmentally friendly neonicotinoid insecticides with bioconcentration tuning and Bi-directional selective toxic effects. <i>Journal of Cleaner Production</i> , 2019, 221, 113-121.	4.6	38
605	The novel pesticide flupyradifurone (Sivanto) affects honeybee motor abilities. <i>Ecotoxicology</i> , 2019, 28, 354-366.	1.1	44
606	Natural biocide disrupts nestmate recognition in honeybees. <i>Scientific Reports</i> , 2019, 9, 3171.	1.6	25
607	Cast and pesticide-specific effects of neonicotinoid pesticide exposure on gene expression in bumblebees. <i>Molecular Ecology</i> , 2019, 28, 1964-1974.	2.0	55

#	ARTICLE	IF	CITATIONS
608	Identification of the cytochrome P450 involved in the degradation of neonicotinoid insecticide acetamiprid in <i>Phanerochaete chrysosporium</i> . <i>Journal of Hazardous Materials</i> , 2019, 371, 494-498.	6.5	47
609	Immune related genes as markers for monitoring health status of honey bee colonies. <i>BMC Veterinary Research</i> , 2019, 15, 72.	0.7	20
610	Quantitation of neonicotinoid insecticides, plus qualitative screening for other xenobiotics, in small-mass avian tissue samples using UHPLC high-resolution mass spectrometry. <i>Journal of Veterinary Diagnostic Investigation</i> , 2019, 31, 399-407.	0.5	13
611	Chronic toxicity and biochemical response of <i>Apis cerana cerana</i> (Hymenoptera: Apidae) exposed to acetamiprid and propiconazole alone or combined. <i>Ecotoxicology</i> , 2019, 28, 399-411.	1.1	36
612	Late effect of larval co-exposure to the insecticide clothianidin and fungicide pyraclostrobin in Africanized <i>Apis mellifera</i> . <i>Scientific Reports</i> , 2019, 9, 3277.	1.6	35
613	Gut microbiota: An underestimated and unintended recipient for pesticide-induced toxicity. <i>Chemosphere</i> , 2019, 227, 425-434.	4.2	131
614	Assessing the resilience of biodiversity-driven functions in agroecosystems under environmental change. <i>Advances in Ecological Research</i> , 2019, , 59-123.	1.4	32
615	Honey bee colony-level exposure and effects in realistic landscapes: An application of BEEHAVE simulating clothianidin residues in corn pollen. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 423-435.	2.2	15
616	Brain transcriptome of honey bees (<i>Apis mellifera</i>) exhibiting impaired olfactory learning induced by a sublethal dose of imidacloprid. <i>Pesticide Biochemistry and Physiology</i> , 2019, 156, 36-43.	1.6	61
617	Clothianidin seed-treatment has no detectable negative impact on honeybee colonies and their pathogens. <i>Nature Communications</i> , 2019, 10, 692.	5.8	57
618	Effect of Fungicide on Pollen Foraging by Honeybees (Hymenoptera: Apidae) in Cranberry Differs by Fungicide Type. <i>Journal of Economic Entomology</i> , 2019, 112, 499-503.	0.8	12
619	Fluorescent Pan Traps Affect the Capture Rate of Insect Orders in Different Ways. <i>Insects</i> , 2019, 10, 40.	1.0	31
620	Hazard of a neonicotinoid insecticide on the homing flight of the honeybee depends on climatic conditions and <i>Varroa</i> infestation. <i>Chemosphere</i> , 2019, 224, 360-368.	4.2	15
621	The Dynamics of Deformed Wing Virus Concentration and Host Defensive Gene Expression after <i>Varroa</i> Mite Parasitism in Honey Bees, <i>Apis mellifera</i> . <i>Insects</i> , 2019, 10, 16.	1.0	18
622	PLS Structure-Insecticidal Activity Relationships of Nitromethylene, Pyrrole- and Dihydropyrrole-Fused Neonicotinoids. <i>Proceedings (mdpi)</i> , 2019, 41, 41.	0.2	0
623	DeepBees - Building and Scaling Convolutional Neuronal Nets For Fast and Large-Scale Visual Monitoring of Bee Hives. , 2019, , .		22
624	Putting the ecology back into insect cognition research. <i>Advances in Insect Physiology</i> , 2019, , 1-25.	1.1	15
625	A mathematical model of honey bee colony dynamics to predict the effect of pollen on colony failure. <i>PLoS ONE</i> , 2019, 14, e0225632.	1.1	20

#	ARTICLE	IF	CITATIONS
626	Enhancing knowledge among smallholders on pollinators and supporting field margins for sustainable food security. <i>Journal of Rural Studies</i> , 2019, 70, 75-86.	2.1	23
627	Acetylcholine and Its Receptors in Honeybees: Involvement in Development and Impairments by Neonicotinoids. <i>Insects</i> , 2019, 10, 420.	1.0	40
628	Biotic and Abiotic Factors Associated with Colonies Mortalities of Managed Honey Bee (<i>Apis mellifera</i>) in the United States. <i>Journal of Apicultural Research</i> , 2019, 58, 2-8.	0.7	59
629	A Tracking Method for the Invasive Asian Hornet: A Brief Review and Experiments. <i>IEEE Access</i> , 2019, 7, 176998-177008.	2.6	13
630	The impact of the EU neonicotinoid seed dressing ban on oilseed rape production in England. <i>Pest Management Science</i> , 2019, 75, 125-133.	1.7	28
631	The troubled relationship between GMOs and beekeeping: an exploration of socioeconomic impacts in Spain and Uruguay. <i>Agroecology and Sustainable Food Systems</i> , 2019, 43, 546-578.	1.0	3
632	Isolation from natural habitat reduces yield and quality of passion fruit. <i>Plant Biology</i> , 2019, 21, 142-149.	1.8	11
633	Applications of RFID technology on the study of bees. <i>Insectes Sociaux</i> , 2019, 66, 15-24.	0.7	47
634	Pesticides affect pollinator abundance and productivity of sunflower (<i>Helianthus annuus</i> L.). <i>Journal of Apicultural Research</i> , 2019, 58, 2-8.	0.7	13
635	The precautionary principle at work: The case of neonicotinoids and the health of bees. <i>Science and Public Policy</i> , 2019, 46, 441-449.	1.2	5
636	Nano-based smart pesticide formulations: Emerging opportunities for agriculture. <i>Journal of Controlled Release</i> , 2019, 294, 131-153.	4.8	424
637	Review of methods to investigate pollinator dependency in oilseed rape (<i>Brassica napus</i>). <i>Field Crops Research</i> , 2019, 231, 18-29.	2.3	17
638	Where have all the flowers gone? Honey bee declines and exclusions from floral resources. <i>Journal of Rural Studies</i> , 2019, 65, 161-171.	2.1	47
639	How do toxicants affect epidemiological dynamics?. <i>Oikos</i> , 2019, 128, 729-740.	1.2	2
640	Transcriptional and physiological effects of the pyrethroid deltamethrin and the organophosphate dimethoate in the brain of honey bees (<i>Apis mellifera</i>). <i>Environmental Pollution</i> , 2019, 244, 247-256.	3.7	27
641	Repellent effects of insecticides on <i>Stephanitis pyrioides</i> Scott (Hemiptera: Tingidae) under laboratory conditions. <i>Crop Protection</i> , 2020, 127, 104985.	1.0	16
642	Acute and chronic toxicity of acetamiprid, carbaryl, cypermethrin and deltamethrin to <i>Apis mellifera</i> larvae reared <i>in vitro</i> . <i>Pest Management Science</i> , 2020, 76, 978-985.	1.7	39
643	Deltamethrin Impairs Honeybees (<i>Apis mellifera</i>) Dancing Communication. <i>Archives of Environmental Contamination and Toxicology</i> , 2020, 78, 117-123.	2.1	20

#	ARTICLE	IF	CITATIONS
644	Terrestrial adult stages of freshwater insects are sensitive to insecticides. <i>Chemosphere</i> , 2020, 239, 124799.	4.2	4
645	Environmental impacts of reduced-risk and conventional pesticide programs differ in commercial apple orchards, but similarly influence pollinator community. <i>Chemosphere</i> , 2020, 240, 124926.	4.2	14
646	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. <i>Chemosphere</i> , 2020, 238, 124555.	4.2	40
647	Spatiotemporal overlap of pesticide use and species richness hotspots in California. <i>Agriculture, Ecosystems and Environment</i> , 2020, 289, 106741.	2.5	12
648	Sublethal larval exposure to imidacloprid impacts adult behaviour in <i>Drosophila melanogaster</i> . <i>Journal of Evolutionary Biology</i> , 2020, 33, 151-164.	0.8	13
649	Exposure of honey bee larvae to thiamethoxam and its interaction with <i>Nosema ceranae</i> infection in adult honey bees. <i>Environmental Pollution</i> , 2020, 256, 113443.	3.7	55
650	Neonicotinoid Insecticides: Molecular Targets, Resistance, and Toxicity. <i>Annual Review of Pharmacology and Toxicology</i> , 2020, 60, 241-255.	4.2	168
651	Toxicity of insecticides on Neotropical stingless bees <i>Plebeia emerina</i> (Friese) and <i>Tetragonisca fiebrigi</i> (Schwarz) (Hymenoptera: Apidae: Meliponini). <i>Ecotoxicology</i> , 2020, 29, 119-128.	1.1	19
652	Synergistic toxicity and physiological impact of thiamethoxam alone or in binary mixtures with three commonly used insecticides on honeybee. <i>Apidologie</i> , 2020, 51, 395-405.	0.9	8
653	Evaluation of the pesticide Oberon on a model organism <i>Drosophila melanogaster</i> via topical toxicity test on biochemical and reproductive parameters. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2020, 228, 108666.	1.3	11
654	Honeybee survival and flight capacity are compromised by insecticides used for controlling melon pests in Brazil. <i>Ecotoxicology</i> , 2020, 29, 97-107.	1.1	24
655	Automated monitoring of bee behaviour using connected hives: Towards a computational apidology. <i>Apidologie</i> , 2020, 51, 356-368.	0.9	27
656	Acute oral and contact toxicity of new ethyl-carbamates on the mortality and acetylcholinesterase activity of honey bee (<i>Apis mellifera</i>). <i>Chemosphere</i> , 2020, 242, 125293.	4.2	3
657	Chronic exposure to the pesticide flupyradifurone can lead to premature onset of foraging in honeybees <i>Apis mellifera</i> . <i>Journal of Applied Ecology</i> , 2020, 57, 609-618.	1.9	37
658	Bees and pesticide regulation: Lessons from the neonicotinoid experience. <i>Biological Conservation</i> , 2020, 241, 108356.	1.9	91
659	IPM-recommended insecticides harm beneficial insects through contaminated honeydew. <i>Environmental Pollution</i> , 2020, 267, 115581.	3.7	14
660	Exposure Level of Neonicotinoid Insecticides in the Food Chain and the Evaluation of Their Human Health Impact and Environmental Risk: An Overview. <i>Sustainability</i> , 2020, 12, 7523.	1.6	15
661	Pollen specialists are more endangered than non-specialised bees even though they collect pollen on flowers of non-endangered plants. <i>Arthropod-Plant Interactions</i> , 2020, 14, 759-769.	0.5	18

#	ARTICLE	IF	CITATIONS
662	Neonicotinoid Insecticides: A Threat to Pollinators. , 2020, , .		2
663	Cultivated areas and rural workersâ€™ behavior are responsible for the increase in agricultural intoxications in Brazil? Are these factors associated?. Environmental Science and Pollution Research, 2020, 27, 38064-38071.	2.7	12
664	Insecticides cause transcriptional alterations of endocrine related genes in the brain of honey bee foragers. Chemosphere, 2020, 260, 127542.	4.2	11
665	Crystal structure of the N-terminal domain of ryanodine receptor from the honeybee, Apis mellifera. Insect Biochemistry and Molecular Biology, 2020, 125, 103454.	1.2	4
666	Highly Sensitive SERS Detection of Neonicotinoid Pesticides. Complete Raman Spectral Assignment of Clothianidin and Imidacloprid. Journal of Physical Chemistry A, 2020, 124, 7238-7247.	1.1	34
667	Can we have it all? Sustainability trade-offs and cross-insurance mechanisms in supply chains. International Journal of Operations and Production Management, 2020, 40, 1339-1366.	3.5	32
668	Impact of Glyphosate on the Honey Bee Gut Microbiota: Effects of Intensity, Duration, and Timing of Exposure. MSystems, 2020, 5, .	1.7	55
669	Residual concentrations and ecological risks of neonicotinoid insecticides in the soils of tomato and cucumber greenhouses in Shouguang, Shandong Province, East China. Science of the Total Environment, 2020, 738, 140248.	3.9	39
670	Superparasitism by a parasitoid wasp: The absence of sublethal effects from the neonicotinoid insecticide imidacloprid enlightens the specificity of the cholinergic pathway involved. Ecotoxicology and Environmental Safety, 2020, 201, 110809.	2.9	1
671	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
672	Exposure to acetamiprid influences the development and survival ability of worker bees (Apis) Tj ETQq0 0 0 rgBT /Oyerlock 10 Tf 50 342	3.7	31
673	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
674	Neonicotinoids disrupt circadian rhythms and sleep in honey bees. Scientific Reports, 2020, 10, 17929.	1.6	31
675	Do novel insecticides pose a threat to beneficial insects?. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201265.	1.2	70
676	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
677	Agrochemicals Impact on Ecosystem and Bio-monitoring. , 2020, , 349-388.		17
678	Genetic Variation Influences Tolerance to a Neonicotinoid Insecticide in 3 Butterfly Species. Environmental Toxicology and Chemistry, 2020, 39, 2228-2236.	2.2	6
679	Quantifying Early-Season Pest Injury and Yield Protection of Insecticide Seed Treatments in Corn and Soybean Production in Ontario, Canada. Journal of Economic Entomology, 2020, 113, 2197-2212.	0.8	13

#	ARTICLE	IF	CITATIONS
680	Detailed Review on Pesticidal Toxicity to Honey Bees and Its Management. , 0, , .		6
681	Literature Review: Global Neonicotinoid Insecticide Occurrence in Aquatic Environments. Water (Switzerland), 2020, 12, 3388.	1.2	75
682	Detecting landscape scale consequences of insecticide use on invertebrate communities. Advances in Ecological Research, 2020, 63, 93-126.	1.4	4
683	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
684	Honey bee (<i>Apis mellifera</i>) gut microbiota promotes host endogenous detoxification capability via regulation of P450 gene expression in the digestive tract. Microbial Biotechnology, 2020, 13, 1201-1212.	2.0	68
685	Measuring ontogenetic shifts in central-place foragers: A case study with honeybees. Journal of Animal Ecology, 2020, 89, 1860-1871.	1.3	9
686	Interactions Between Thiamethoxam and Deformed Wing Virus Can Drastically Impair Flight Behavior of Honey Bees. Frontiers in Microbiology, 2020, 11, 766.	1.5	27
687	Neonicotinoids in U.S. maize: Insecticide substitution effects and environmental risk. Journal of Environmental Economics and Management, 2020, 102, 102320.	2.1	14
688	A spatial model of honey bee colony collapse due to pesticide contamination of foraging bees. Journal of Mathematical Biology, 2020, 80, 2363-2393.	0.8	12
689	Chronic within-hive video recordings detect altered nursing behaviour and retarded larval development of neonicotinoid treated honey bees. Scientific Reports, 2020, 10, 8727.	1.6	13
690	Pesticide-Virus Interactions in Honey Bees: Challenges and Opportunities for Understanding Drivers of Bee Declines. Viruses, 2020, 12, 566.	1.5	34
691	Effect of cold narcosis on foraging behavior of European honey bees (<i>Apis mellifera ligustica</i>) tracked using a radio-frequency identification (RFID) system. Journal of Apicultural Research, 2020, 59, 1027-1032.	0.7	6
692	Experimental removal of invasive Africanized honey bees increased breeding population size of the endangered Lear's macaw. Pest Management Science, 2020, 76, 4141-4149.	1.7	5
693	An update of the Worldwide Integrated Assessment (WIA) on systemic pesticides. Part 4: Alternatives in major cropping systems. Environmental Science and Pollution Research, 2020, 27, 29867-29899.	2.7	68
694	Honeybees (<i>Apis mellifera</i>) modulate dance communication in response to pollution by imidacloprid. Journal of Asia-Pacific Entomology, 2020, 23, 477-482.	0.4	10
695	Population Growth and Insecticide Residues of Honey Bees in Tropical Agricultural Landscapes. Diversity, 2020, 12, 1.	0.7	31
696	Are plant extracts safe for honey bees (<i>Apis mellifera</i>)?. Journal of Apicultural Research, 2020, 59, 844-851.	0.7	5
697	Surface-enhanced Raman spectroscopy of neonicotinoid insecticide imidacloprid, assisted by gold and silver nanostructures. Spectroscopy Letters, 2020, 53, 184-193.	0.5	5

#	ARTICLE	IF	CITATIONS
698	Electrochemical oxidation of the pesticide nitenpyram using a Gd_2O_3 anode: operation parameter optimization and degradation mechanism. <i>Journal of Chemical Technology and Biotechnology</i> , 2020, 95, 2120-2128.	1.6	13
699	A Review of Sub-lethal Neonicotinoid Insecticides Exposure and Effects on Pollinators. <i>Current Pollution Reports</i> , 2020, 6, 137-151.	3.1	44
700	A critical review on the potential impacts of neonicotinoid insecticide use: current knowledge of environmental fate, toxicity, and implications for human health. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 1315-1346.	1.7	187
701	Immunotoxicity evaluation by subchronic oral administration of clothianidin in Sprague-Dawley rats. <i>Journal of Veterinary Medical Science</i> , 2020, 82, 360-372.	0.3	13
702	The miticide thymol in combination with trace levels of the neonicotinoid imidacloprid reduces visual learning performance in honey bees (<i>Apis mellifera</i>). <i>Apidologie</i> , 2020, 51, 499-509.	0.9	21
703	Dual-emission ratiometric fluorescent detection of dinotefuran based on sulfur-doped carbon quantum dots and copper nanocluster hybrid. <i>Sensors and Actuators B: Chemical</i> , 2020, 321, 128534.	4.0	46
704	Long-term effects of neonicotinoid insecticides on ants. <i>Communications Biology</i> , 2020, 3, 335.	2.0	28
705	Developed Systems in the Mariana Islands Archipelago. , 2020, , 228-242.		0
706	Pesticides use, practice and its effect on honeybee in Ethiopia: a review. <i>International Journal of Tropical Insect Science</i> , 2020, 40, 473-481.	0.4	19
707	Occurrence of Neonicotinoids in Chinese Apiculture and a Corresponding Risk Exposure Assessment. <i>Environmental Science & Technology</i> , 2020, 54, 5021-5030.	4.6	50
708	Cell Lines for Honey Bee Virus Research. <i>Viruses</i> , 2020, 12, 236.	1.5	27
709	Nanoparticle-immersed paper imprinting mass spectrometry imaging reveals uptake and translocation mechanism of pesticides in plants. <i>Nano Research</i> , 2020, 13, 611-620.	5.8	47
710	Impact of Stressors on Honey Bees (<i>Apis mellifera</i> ; Hymenoptera: Apidae): Some Guidance for Research Emerge from a Meta-Analysis. <i>Diversity</i> , 2020, 12, 7.	0.7	25
711	Understanding the Effects of Sublethal Pesticide Exposure on Honey Bees: A Role for Probiotics as Mediators of Environmental Stress. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	61
712	Interaction of field realistic doses of clothianidin and <i>Varroa destructor</i> parasitism on adult honey bee (<i>Apis mellifera</i> L.) health and neural gene expression, and antagonistic effects on differentially expressed genes. <i>PLoS ONE</i> , 2020, 15, e0229030.	1.1	26
713	Modification of the head proteome of nurse honeybees (<i>Apis mellifera</i>) exposed to field-relevant doses of pesticides. <i>Scientific Reports</i> , 2020, 10, 2190.	1.6	17
714	Ecological impacts of pesticide seed treatments on arthropod communities in a grain crop rotation. <i>Journal of Applied Ecology</i> , 2020, 57, 936-951.	1.9	19
715	Thiamethoxam impairs honey bee visual learning, alters decision times, and increases abnormal behaviors. <i>Ecotoxicology and Environmental Safety</i> , 2020, 193, 110367.	2.9	24

#	ARTICLE	IF	CITATIONS
716	Honeybees fail to discriminate floral scents in a complex learning task after consuming a neonicotinoid pesticide. <i>Journal of Experimental Biology</i> , 2020, 223, .	0.8	24
717	Toxicity evaluation of the active ingredient acetamiprid and a commercial formulation (Assail® 70) on the non-target gastropod <i>Biomphalaria straminea</i> (Mollusca: Planorbidae). <i>Ecotoxicology and Environmental Safety</i> , 2020, 192, 110248.	2.9	32
718	Urbanisation is associated with reduced <i>Nosema</i> sp. infection, higher colony strength and higher richness of foraged pollen in honeybees. <i>Apidologie</i> , 2020, 51, 746-762.	0.9	16
719	Comparative effects of technical-grade and formulated chlorantraniliprole to the survivorship and locomotor activity of the honey bee, <i>Apis mellifera</i> (L.). <i>Pest Management Science</i> , 2020, 76, 2582-2588.	1.7	24
720	Bee community response to local and landscape factors along an urban-rural gradient. <i>Urban Ecosystems</i> , 2020, 23, 689-702.	1.1	22
721	Effect of environmental heavy metals on the expression of detoxification-related genes in honey bee <i>Apis mellifera</i> . <i>Apidologie</i> , 2020, 51, 664-674.	0.9	22
722	Pollinator exposure to systemic insecticides and fungicides applied in the previous fall and pre-bloom period in apple orchards. <i>Environmental Pollution</i> , 2020, 265, 114589.	3.7	29
723	Glyphosate-based herbicides and <i>Nosema</i> sp. microsporidia reduce honey bee (<i>Apis</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 107 332-342.	0.7	27
724	Influence of neonicotinoids on pollinators: A review. <i>Journal of Apicultural Research</i> , 2021, 60, 19-32.	0.7	14
725	The investigation of honey bee pesticide poisoning incidents in Czechia. <i>Chemosphere</i> , 2021, 263, 128056.	4.2	24
726	Kinetics, mechanisms and toxicity of the degradation of imidaclothiz in soil and water. <i>Journal of Hazardous Materials</i> , 2021, 403, 124033.	6.5	35
727	Citizen science involving farmers as a means to document temporal trends in farmland biodiversity and relate them to agricultural practices. <i>Journal of Applied Ecology</i> , 2021, 58, 261-273.	1.9	19
728	Neonicotinoid use on cereals and sugar beet is linked to continued low exposure risk in honeybees. <i>Agriculture, Ecosystems and Environment</i> , 2021, 308, 107205.	2.5	11
729	Parasites and pesticides act antagonistically on honey bee health. <i>Journal of Applied Ecology</i> , 2021, 58, 997-1005.	1.9	20
730	Clothianidin decomposition in Missouri wetland soils. <i>Journal of Environmental Quality</i> , 2021, 50, 241-251.	1.0	6
731	The effect of using imidacloprid and chlorpyrifos and their nanoforms on certain characteristics of honeybee <i>Apis mellifera</i> L. <i>International Journal of Tropical Insect Science</i> , 2021, 41, 1037-1042.	0.4	2
732	Short-term lab assessments and microcolonies are insufficient for the risk assessment of insecticides for bees. <i>Chemosphere</i> , 2021, 273, 128518.	4.2	18
733	Large-scale monoculture reduces honey yield: The case of soybean expansion in Argentina. <i>Agriculture, Ecosystems and Environment</i> , 2021, 306, 107203.	2.5	19

#	ARTICLE	IF	CITATIONS
736	The neonicotinoid imidacloprid alone alters the cognitive behavior in <i>Apis mellifera</i> L. and the combined exposure of imidacloprid and <i>Varroa destructor</i> mites synergistically contributes to trial attrition. <i>Journal of Apicultural Research</i> , 2021, 60, 431-438.	0.7	6
737	Understanding, Conservation, and Protection of Precious Natural Resources: Bees. <i>Handbook of Environmental Engineering</i> , 2021, , 1-51.	0.2	0
738	Assessment of pesticides use effects on honeybee colonies and its financial impact in some selected districts of Bale Zone, South Eastern Ethiopia. <i>International Journal of Aquaculture and Fishery Sciences</i> , 2021, , 005-009.	0.1	0
739	Toxicological and morphological analysis of Africanized <i>Apis mellifera</i> selected for tolerance to the neonicotinoid thiamethoxam. <i>Research, Society and Development</i> , 2021, 10, e14310212109.	0.0	1
740	Neonicotinoid residues in honey from urban and rural environments. <i>Environmental Science and Pollution Research</i> , 2021, 28, 28179-28190.	2.7	25
741	System design for inferring colony-level pollination activity through miniature bee-mounted sensors. <i>Scientific Reports</i> , 2021, 11, 4239.	1.6	11
742	Value creation and appropriation in economic, social, and environmental domains: Recognizing and resolving the institutionalized asymmetries. <i>Journal of Cleaner Production</i> , 2021, 290, 125796.	4.6	35
743	Discrimination of isomeric monosaccharide derivatives using collision-induced fingerprinting coupled to ion mobility mass spectrometry. <i>Talanta</i> , 2021, 224, 121901.	2.9	9
744	Exposure to low doses of pesticides induces an immune response and the production of nitric oxide in honeybees. <i>Scientific Reports</i> , 2021, 11, 6819.	1.6	15
745	Development and evaluation of a core genome multilocus sequence typing scheme for <i>Paenibacillus larvae</i> , the deadly American foulbrood pathogen of honeybees. <i>Environmental Microbiology</i> , 2021, 23, 5042-5051.	1.8	5
746	Coeffects of diet and neonicotinoid exposure on honeybee mobility and food choice. <i>Apidologie</i> , 2021, 52, 658-667.	0.9	5
747	The Power of <i>Drosophila melanogaster</i> for Modeling Neonicotinoid Effects on Pollinators and Identifying Novel Mechanisms. <i>Frontiers in Physiology</i> , 2021, 12, 659440.	1.3	15
749	Antioxidantes como nutracêuticos para mitigar estresse oxidativo em abelhas: revisão sistemática. <i>Pesquisa Agropecuária Brasileira</i> , 2021, 27, 53-73.	0.2	0
750	Chronic exposure to trace lead impairs honey bee learning. <i>Ecotoxicology and Environmental Safety</i> , 2021, 212, 112008.	2.9	24
751	The Electronic Bee Spy: Eavesdropping on Honeybee Communication via Electrostatic Field Recordings. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 647224.	1.0	5
752	Synergism between local and landscape level pesticides reduces wild bee floral visitation in pollinator-dependent crops. <i>Journal of Applied Ecology</i> , 2021, 58, 1187-1198.	1.9	20
753	Spiromesifen induces histopathological and cytotoxic changes in the midgut of the honeybee <i>Apis mellifera</i> (Hymenoptera: Apidae). <i>Chemosphere</i> , 2021, 270, 129439.	4.2	15
754	Findings of herbicide and fungicide residues in bee bread. <i>Plant, Soil and Environment</i> , 2021, 67, 343-352.	1.0	6

#	ARTICLE	IF	CITATIONS
755	A systems-based approach to the environmental risk assessment of multiple stressors in honey bees. <i>EFSA Journal</i> , 2021, 19, e06607.	0.9	21
756	Immune-related gene expression in honey bee larva (<i>Apis mellifera</i>) exposed to plant extracts from <i>Humulus lupulus</i> with antimicrobial activity against <i>Paenibacillus</i> larvae. <i>Apidologie</i> , 2021, 52, 813-824.	0.9	1
757	The context dependency of pollinator interference: How environmental conditions and co-foraging species impact floral visitation. <i>Ecology Letters</i> , 2021, 24, 1443-1454.	3.0	10
758	Oviposition Response of Monarch Butterfly (<i>Lepidoptera: Nymphalidae</i>) to Imidacloprid-Treated Milkweed. <i>Environmental Entomology</i> , 2021, 50, 541-549.	0.7	1
759	Bees and pesticides: the research impact and scientometrics relations. <i>Environmental Science and Pollution Research</i> , 2021, 28, 32282-32298.	2.7	29
760	Can Colony Size of Honeybees (<i>Apis mellifera</i>) Be Used as Predictor for Colony Losses Due to <i>Varroa</i> destructor during Winter?. <i>Agriculture (Switzerland)</i> , 2021, 11, 529.	1.4	6
761	Factors Affecting Immune Responses in Honey Bees: An Insight. <i>Journal of Apicultural Science</i> , 2021, 65, 25-47.	0.1	3
762	Pesticides in honey bee colonies: Establishing a baseline for real world exposure over seven years in the USA. <i>Environmental Pollution</i> , 2021, 279, 116566.	3.7	58
763	Challenges and perspectives for beekeeping in Ethiopia. A review. <i>Agronomy for Sustainable Development</i> , 2021, 41, 1.	2.2	23
764	Temporal Profile of Neonicotinoid Concentrations in Cotton, Corn, and Soybean Resulting from Insecticidal Seed Treatments. <i>Agronomy</i> , 2021, 11, 1200.	1.3	2
765	Agroecological Strategies to Safeguard Insect Pollinators in Biodiversity Hotspots: Chile as a Case Study. <i>Sustainability</i> , 2021, 13, 6728.	1.6	13
766	Context-Dependent Effect of Dietary Phytochemicals on Honey Bees Exposed to a Pesticide, Thiamethoxam. <i>Journal of Insect Science</i> , 2021, 21, .	0.6	6
767	Maximizing ecosystem services to the oil crop <i>Brassica carinata</i> through landscape heterogeneity and arthropod diversity. <i>Ecosphere</i> , 2021, 12, e03624.	1.0	6
768	Identification of long noncoding RNAs reveals the effects of dinotefuran on the brain in <i>Apis mellifera</i> (<i>Hymenoptera: Apidae</i>). <i>BMC Genomics</i> , 2021, 22, 502.	1.2	5
769	Using landscape metrics to characterize towns along an urban-rural gradient. <i>Landscape Ecology</i> , 2021, 36, 2937-2956.	1.9	23
770	Anticipated effects of abiotic environmental change on intraspecific social interactions. <i>Biological Reviews</i> , 2021, 96, 2661-2693.	4.7	35
771	Effects of Plant Protection Products on Biochemical Markers in Honey Bees. <i>Agriculture (Switzerland)</i> , 2021, 11, 648.	1.4	8
772	Synthesis and Insecticidal Evaluation of Chiral Neonicotinoids Analogs: The Laurel Wilt Case. <i>Molecules</i> , 2021, 26, 4225.	1.7	5

#	ARTICLE	IF	CITATIONS
773	Sulfoxaflo insecticide and azoxystrobin fungicide have no major impact on honeybees in a realistic-exposure semi-field experiment. <i>Science of the Total Environment</i> , 2021, 778, 146084.	3.9	26
774	Current permissible levels of metal pollutants harm terrestrial invertebrates. <i>Science of the Total Environment</i> , 2021, 779, 146398.	3.9	48
775	Expanding insect pollinators in the Anthropocene. <i>Biological Reviews</i> , 2021, 96, 2755-2770.	4.7	35
776	Natural infestation of entomopathogenic fungus <i>Beauveria pseudobassiana</i> on overwintering <i>Corythucha arcuata</i> (Say) (Hemiptera: Tingidae) and its efficacy under laboratory conditions. <i>Forest Ecology and Management</i> , 2021, 491, 119193.	1.4	9
777	EU Court to rule on banned pesticide use. <i>Science</i> , 2021, 373, 290-290.	6.0	7
778	Reproductive fitness of honey bee queens exposed to thiamethoxam during development. <i>Veterinary Pathology</i> , 2021, 58, 1107-1118.	0.8	3
779	Conservation genomics reveals pesticide and pathogen exposure in the declining bumble bee <i>Bombus terrestris</i> . <i>Molecular Ecology</i> , 2021, 30, 4220-4230.	2.0	20
781	First insights into the honey bee (<i>Apis mellifera</i>) brain lipidome and its neonicotinoid-induced alterations associated with reduced self-grooming behavior. <i>Journal of Advanced Research</i> , 2022, 37, 75-89.	4.4	9
782	Pesticide risk assessment in honeybees: Toward the use of behavioral and reproductive performances as assessment endpoints. <i>Chemosphere</i> , 2021, 276, 130134.	4.2	17
783	The science behind the ban: the outstanding impact of ecotoxicological research on the regulation of neonicotinoids. <i>Current Opinion in Insect Science</i> , 2021, 46, 78-82.	2.2	18
784	Lethal and sublethal effects of thiamethoxam, a neonicotinoid molecule, on colony performance of <i>A. mellifera</i> . <i>Environmental Science and Pollution Research</i> , 2022, 29, 10826-10837.	2.7	5
785	Varroa mite and deformed wing virus infestations interactively make honey bees (<i>Apis mellifera</i>) more susceptible to insecticides. <i>Environmental Pollution</i> , 2022, 292, 118212.	3.7	8
786	Inferring pesticide toxicity to honey bees from a field-based feeding study using a colony model and Bayesian inference. <i>Ecological Applications</i> , 2021, 31, e02442.	1.8	12
787	Insecticidal effect of thiamethoxam against seven stored-product beetle species. <i>Journal of Stored Products Research</i> , 2021, 93, 101843.	1.2	9
788	Varroa destructor from the Laboratory to the Field: Control, Biocontrol and IPM Perspectives – A Review. <i>Insects</i> , 2021, 12, 800.	1.0	28
789	Neonicotinoids stimulate H ₂ -limited methane emission in <i>Periplaneta americana</i> through the regulation of gut bacterium community. <i>Environmental Pollution</i> , 2021, 285, 117237.	3.7	1
790	Top management challenges and concerns for agronomic crop production in California: Identifying critical issues for extension through needs assessment. <i>Agronomy Journal</i> , 2021, 113, 5254-5270.	0.9	1
791	Metabolomic analysis of honey bees (<i>Apis mellifera</i>) response to carbendazim based on UPLC-MS. <i>Pesticide Biochemistry and Physiology</i> , 2021, 179, 104975.	1.6	9

#	ARTICLE	IF	CITATIONS
792	Pollinator conservation in the context of global changes with a focus on France and Belgium. <i>Acta Oecologica</i> , 2021, 112, 103765.	0.5	9
793	A global study of pesticides in bees: QuEChERS as a sample preparation methodology for their analysis â€” Critical review and perspective. <i>Science of the Total Environment</i> , 2021, 792, 148385.	3.9	13
794	Farmersâ€™ perspectives of future management of winter oilseed rape (<i>Brassica napus</i> L.): A case study from north-eastern Germany. <i>European Journal of Agronomy</i> , 2021, 130, 126350.	1.9	13
795	A common fungicide, PristineÂ®, impairs olfactory associative learning performance in honey bees (<i>Apis mellifera</i>). <i>Journal of Apiculture</i> , 2021, 10, 1-10.	3.7	28
796	Honey bee <i>Apis mellifera</i> larvae gut microbial and immune, detoxication responses towards flumethrin stress. <i>Environmental Pollution</i> , 2021, 290, 118107.	3.7	22
797	Juvenile hormone and transcriptional changes in honey bee worker larvae when exposed to sublethal concentrations of thiamethoxam. <i>Ecotoxicology and Environmental Safety</i> , 2021, 225, 112744.	2.9	9
798	Sublethal fluvalinate negatively affect the development and flight capacity of honeybee (<i>Apis mellifera</i>). <i>Journal of Apiculture</i> , 2021, 10, 1-10.	3.7	8
799	Screening and Optimization of Novel Low Bee-Toxicity Phenylace- tohydrazone Compounds Based on Insect nAChR Selectivity. <i>Chinese Journal of Organic Chemistry</i> , 2021, 41, 2774.	0.6	2
800	Pollination and Ecological Intensification: A Way Towards Green Revolution. , 2021, , 381-427.		0
801	Photoresponsive pesticidal agents. , 2021, , 297-310.		0
803	The isolation of a DNA aptamer to develop a fluorescent aptasensor for the thiamethoxam pesticide. <i>Analyst</i> , 2021, 146, 1986-1995.	1.7	25
804	Supplying honey bees with waterers: a precautionary measure to reduce exposure to pesticides. <i>Environmental Science and Pollution Research</i> , 2021, 28, 17573-17586.	2.7	6
805	Proline as a Valuable Scaffold for the Synthesis of Novel Enantiopure Neonicotinoids Analogs. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 1455-1465.	2.4	4
806	Transport of orally delivered dsRNA in southern green stink bug, <i>Nezara viridula</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2020, 104, e21692.	0.6	10
807	Locomotor behaviour promotes stability of the patchy distribution of slugs in arable fields: Tracking the movement of individual <i>Deroceras reticulatum</i> . <i>Pest Management Science</i> , 2020, 76, 2944-2952.	1.7	7
808	Stingless Bees: An Overview. <i>Fascinating Life Sciences</i> , 2020, , 1-42.	0.5	5
810	The Impact of Integrated Pest Management Programs on Pesticide Use in California, USA. , 2014, , 173-200.		13
811	Correlations between oxidative stress and aligning nanoparticle safety assessments. , 2020, , 623-644.		1

#	ARTICLE	IF	CITATIONS
812	Cytotoxic effects on the midgut, hypopharyngeal, glands and brain of <i>Apis mellifera</i> honey bee workers exposed to chronic concentrations of lambda-cyhalothrin. <i>Chemosphere</i> , 2020, 248, 126075.	4.2	31
813	Quantitative determination of pesticide residues in specific parts of bee specimens by nanoflow liquid chromatography high resolution mass spectrometry. <i>Science of the Total Environment</i> , 2020, 715, 137005.	3.9	13
814	Bee colony health indicators: synthesis and future directions.. <i>CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources</i> , 0, , 1-12.	0.6	13
815	Honeybee lifespan: the critical role of pre-foraging stage. <i>Royal Society Open Science</i> , 2020, 7, 200998.	1.1	26
822	A new method to assess the acute toxicity toward honeybees of the abrasion particles generated from seeds coated with insecticides. <i>Environmental Sciences Europe</i> , 2020, 32, .	2.6	11
823	Effects of Sublethal Concentrations of Chlorpyrifos on Olfactory Learning and Memory Performances in Two Bee Species, <i>Apis mellifera</i> and <i>Apis cerana</i> . <i>Sociobiology</i> , 2017, 64, 174.	0.2	20
824	Pest control in German forests: General patterns of biodiversity and possible impacts of Btk, diflubenzuron and lambda-Cyhalothrin on non-target arthropods, birds and bats – a literature review. <i>Journal of Forest and Landscape Research</i> , 2019, 4, 1-26.	0.3	4
825	Resolving Conflicts between Agriculture and the Natural Environment. <i>PLoS Biology</i> , 2015, 13, e1002242.	2.6	102
826	Assessing Insecticide Hazard to Bumble Bees Foraging on Flowering Weeds in Treated Lawns. <i>PLoS ONE</i> , 2013, 8, e66375.	1.1	83
827	Comparative Toxicities and Synergism of Apple Orchard Pesticides to <i>Apis mellifera</i> (L.) and <i>Osmia cornifrons</i> (Radoszkowski). <i>PLoS ONE</i> , 2013, 8, e72587.	1.1	127
828	Neonicotinoids Interfere with Specific Components of Navigation in Honeybees. <i>PLoS ONE</i> , 2014, 9, e91364.	1.1	260
829	Chronic Exposure of Imidacloprid and Clothianidin Reduce Queen Survival, Foraging, and Nectar Storing in Colonies of <i>Bombus impatiens</i> . <i>PLoS ONE</i> , 2014, 9, e91573.	1.1	66
830	Waggle Dance Distances as Integrative Indicators of Seasonal Foraging Challenges. <i>PLoS ONE</i> , 2014, 9, e93495.	1.1	154
831	Effects of Infection on Honey Bee Population Dynamics: A Model. <i>PLoS ONE</i> , 2014, 9, e110237.	1.1	55
832	BEEtag: A Low-Cost, Image-Based Tracking System for the Study of Animal Behavior and Locomotion. <i>PLoS ONE</i> , 2015, 10, e0136487.	1.1	109
833	Neonicotinoid Insecticides and Their Impacts on Bees: A Systematic Review of Research Approaches and Identification of Knowledge Gaps. <i>PLoS ONE</i> , 2015, 10, e0136928.	1.1	236
834	An Insecticide Further Enhances Experience-Dependent Increased Behavioural Responses to Sex Pheromone in a Pest Insect. <i>PLoS ONE</i> , 2016, 11, e0167469.	1.1	6
835	Sublethal Effects of Imidacloprid on Honey Bee Colony Growth and Activity at Three Sites in the U.S.. <i>PLoS ONE</i> , 2016, 11, e0168603.	1.1	59

#	ARTICLE	IF	CITATIONS
836	Stress indicator gene expression profiles, colony dynamics and tissue development of honey bees exposed to sub-lethal doses of imidacloprid in laboratory and field experiments. PLoS ONE, 2017, 12, e0171529.	1.1	65
837	Potential of pest regulation by insectivorous birds in Mediterranean woody crops. PLoS ONE, 2017, 12, e0180702.	1.1	29
838	Potential impact of neonicotinoid use on Northern bobwhite (<i>Colinus virginianus</i>) in Texas: A historical analysis. PLoS ONE, 2018, 13, e0191100.	1.1	21
839	Field rates of Sivanto [®] (flupyradifurone) and Transform [®] (sulfoxaflor) increase oxidative stress and induce apoptosis in honey bees (<i>Apis mellifera</i> L.). PLoS ONE, 2020, 15, e0233033.	1.1	43
840	Detrimental effects of clothianidin on foraging and dance communication in honey bees. PLoS ONE, 2020, 15, e0241134.	1.1	14
841	The Impact of Selected Pesticides on Honey Bees. Polish Journal of Environmental Studies, 2018, 27, 787-792.	0.6	20
842	Explaining Differences in Scientific Expertise Use: The Politics of Pesticides. Politics and Governance, 2015, 3, 114-127.	0.8	15
843	Toxicity and poisoning symptoms of selected insecticides to honey bees (<i>Apis mellifera mellifera</i> L.). Archives of Biological Sciences, 2018, 70, 5-12.	0.2	10
845	Thiamethoxam [™] 'ın Yapay ĞiĖşeklerde SeĖenekli Olarak VerildiĖinde YayĖlmacĖ ArĖlarĖn DavaranĖĖi Ėezerindeki Etkileri. Uludag Arıcılık Dergisi, 0, , 2-13.	0.6	2
846	Neonikotinoidlerin Zehir Etkilerini Belirlemede LD50 DeĖerleri Farklı ArĖ TĖrleri Ėin YanĖltĖcĖ Bir ĖngĖsterge Olabilir. Uludag Arıcılık Dergisi, 0, , 19-33.	0.6	5
847	Sublethal effects of neonicotinoids in bees: a review. Scientific Electronic Archives, 2020, 13, 142.	0.1	7
848	Acute Oral Toxicity of dsRNA to Honey Bee, <i>Apis mellifera</i> . Korean Journal of Environmental Agriculture, 2017, 36, 241-248.	0.0	2
849	Do agrochemicals used during soybean flowering affect the visits of <i>Apis mellifera</i> L.? Spanish Journal of Agricultural Research, 2016, 14, e0301.	0.3	8
850	Desaparecimento de abelhas polinizadoras nos sistemas naturais e agrĖcolas: Existe uma explicaĖo?. Revista De Ciencias Agroveterinarias, 2019, 18, .	0.0	8
851	Immune Suppression by Neonicotinoid Insecticides at the Root of Global Wildlife Declines. Journal of Environmental Immunology and Toxicology, 2013, 1, 3.	1.1	94
852	Are neonicotinoid insecticides driving declines of widespread butterflies?. PeerJ, 2015, 3, e1402.	0.9	85
853	No effect of low-level chronic neonicotinoid exposure on bumblebee learning and fecundity. PeerJ, 2016, 4, e1808.	0.9	27
854	Genome sequencing and analysis of the first complete genome of <i>Lactobacillus kunkeei</i> strain MP2, an <i>Apis mellifera</i> gut isolate. PeerJ, 2016, 4, e1950.	0.9	20

#	ARTICLE	IF	CITATIONS
855	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, <i>Osmia bicornis</i>. PeerJ, 2017, 5, e3417.	0.9	37
856	Planting of neonicotinoid-coated corn raises honey bee mortality and sets back colony development. PeerJ, 2017, 5, e3670.	0.9	43
857	Larval exposure to the neonicotinoid imidacloprid impacts adult size in the farmland butterfly<i> Pieris brassicae</i>. PeerJ, 2018, 6, e4772.	0.9	28
858	High-resolution maps of Swiss apiaries and their applicability to study spatial distribution of bacterial honey bee brood diseases. PeerJ, 2019, 7, e6393.	0.9	12
859	No evidence for negative impacts of acute sulfoxaflor exposure on bee olfactory conditioning or working memory. PeerJ, 2019, 7, e7208.	0.9	43
860	Neonicotinoids impact bumblebee colony fitness in the field; a reanalysis of the UK’s Food & Environment Research Agency 2012 experiment. PeerJ, 2015, 3, e854.	0.9	59
861	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
862	Pesticide-loaded colloidal nanodelivery systems; preparation, characterization, and applications. Advances in Colloid and Interface Science, 2021, 298, 102552.	7.0	12
863	In-field detection method for imidacloprid by surface enhanced Raman spectroscopy. Toxicological and Environmental Chemistry, 2022, 104, 36-54.	0.6	5
864	Seasonal and Altitudinal Variation in Pollinator Communities in Grand Teton National Park. Annual Report, 0, 34, 5-11.	0.0	2
865	Oral Vaccination of Honeybees Against Varroa Destructor. , 2013, , 269-278.		0
866	Effect of sublethal doses of the insecticide imidacloprid on adaptive traits of <i>Drosophila melanogaster</i>; Response to treatment over and after 15 consecutive generations. Open Journal of Animal Sciences, 2013, 03, 8-19.	0.2	0
867	Interpretation of Transferred Epithet by Means of Conceptual Integration Theory. Journal of Language Teaching and Research, 2013, 4, .	0.1	4
868	Avvelenamenti da pesticidi. , 2014, , 293-323.		0
869	Confidentiality in EU Pesticide Risk Assessment: A Violation of the Aarhus Convention?. SSRN Electronic Journal, 0, , .	0.4	0
871	Digital Parrhesia 2.0. Advances in Media, Entertainment and the Arts, 2015, , 404-416.	0.0	1
872	Can the regulation of neonicotinoids save honeybees?. Japanese Journal of Pesticide Science, 2015, 40, 191-198.	0.0	1
874	Sample Preparation for Determination of Pesticides by High-Performance Liquid Chromatography and Liquid Chromatography–Tandem Mass Spectrometry. Chromatographic Science, 2015, , 289-302.	0.1	0

#	ARTICLE	IF	CITATIONS
876	Landnutzungsmodellierung und Ökologische Dienstleistungen. , 2016, , 1-21.		0
877	Scientific Breeding in the Twentieth Century and Future Goals. , 2016, , 39-71.		1
878	Synergistic and Antagonistic Interactions for Pesticide mixtures to Honeybee Larvae Toxicity. Korean Journal of Environmental Agriculture, 2016, 35, 241-246.	0.0	3
881	Toxicity evaluation of two insecticides on <i>Tetragonisca angustula</i> and <i>Scaptotrigona xanthotricha</i> (Hymenoptera: Apidae). Agronomia Colombiana, 2017, 35, 340-349.	0.1	9
882	Making Sense of Green Economy Imperatives at a Practical Level: Case Studies of Small-Scale Vegetable Production in South Africa. SpringerBriefs in Agriculture, 2018, , 61-93.	0.9	0
883	Understanding Perturbation in Aquatic Insect Communities under Multiple Stressor Threat. , 0, , .		0
886	Virtual Animal Studies/Hybrid Societies. , 2019, , 1-23.		0
887	Neonicotinoids in U.S. Maize: Insecticide Substitution Effects and Environmental Risk. SSRN Electronic Journal, 0, , .	0.4	0
889	Impact of Selected Insecticides on <i>Apis mellifera</i> L. (Hymenoptera: Apidae) under Controlled Conditions. Pakistan Journal of Zoology, 2019, 52, .	0.1	1
891	Trace level pesticide detection utilizing gold nanoparticles and surface enhanced Raman spectroscopy (SERS). , 2019, , .		2
895	Surfing Sustainability: Understanding Sustainability in Safety. , 2020, , 151-171.		0
896	Virtual Animal Studies/Hybrid Societies. , 2020, , 629-651.		0
898	Behavioral Changes Due to Sub-lethal Doses of Pesticides in Bees. Journal of Entomology, 2020, 17, 84-92.	0.2	2
900	O papel da microbiota bacteriana intestinal de abelhas eussociais: uma revisão de literatura. Research, Society and Development, 2021, 10, e30101421623.	0.0	0
901	Procruste analysis of forewing shape in two endemic honeybee subspecies <i>Apis mellifera intermissa</i> and <i>A. m. sahariensis</i> from the Northwest of Algeria. Biodiversitas, 2020, 22, .	0.2	1
902	Qu'est-ce qui tue les abeilles?. Etudes Rurales, 2020, , 110-130.	0.0	2
903	Review on mathematical modeling of honeybee population dynamics. Mathematical Biosciences and Engineering, 2021, 18, 9606-9650.	1.0	12
904	Improvement Testing Strategy for Aligning Nanomaterial Safety Assessments and Oxidative Stress Responses. Nanomedicine and Nanotoxicology, 2020, , 521-556.	0.1	0

#	ARTICLE	IF	CITATIONS
907	Microbial Biotransformation of Neonicotinoid Insecticides in Soil – A Review. <i>International Journal of Current Microbiology and Applied Sciences</i> , 2020, 9, 3255-3277.	0.0	5
908	Beekeepers'™ Collective Resistance and the Politics of Pesticide Regulation in France and the United States. <i>Political Power and Social Theory</i> , 2014, 27, 89-122.	0.4	0
910	Is the Water Supply a Key Factor in Stingless Bees'™ Intoxication?. <i>Journal of Insect Science</i> , 2020, 20, .	0.6	2
911	Food and environmental degradation as causative agents of honey bee colonies decline: Mathematical model approach. <i>Journal of the Nigerian Society of Physical Sciences</i> , 0, , 446-454.	0.0	0
912	Identification of circular RNAs and corresponding regulatory networks reveals potential roles in the brains of honey bee workers exposed to dinotefuran. <i>Pesticide Biochemistry and Physiology</i> , 2022, 180, 104994.	1.6	5
913	Assessing the Toxic Effects of Insecticides on Honey Bees in the West Gonja District of the Savannah Region of Ghana. <i>International Journal of Plant & Soil Science</i> , 0, , 226-245.	0.2	0
914	Variation of Small and Large Wild Bee Communities Under Honeybee Pressure in Highly Diverse Natural Habitats. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	3
915	Sublethal pesticide exposure induces larval removal behavior in honeybees through chemical cues. <i>Ecotoxicology and Environmental Safety</i> , 2021, 228, 113020.	2.9	2
916	Honey Bees (Hymenoptera: Apidae) Decrease Foraging But Not Recruitment After Neonicotinoid Exposure. <i>Journal of Insect Science</i> , 2022, 22, .	0.6	8
917	Translocation and metabolism of the chiral neonicotinoid cycloxaprid in oilseed rape (<i>Brassica napus</i>) Tj ETQq1 1 0.784314 rgBT /Ove 6.5 11	6.5	11
918	Towards integrated pest and pollinator management in tropical crops. <i>Current Opinion in Insect Science</i> , 2022, 50, 100866.	2.2	7
919	Traditional and novel proposals for the protection of endangered pollinating insects. <i>Annales Universitatis Paedagogicae Cracoviensis Studia Naturae</i> , 0, , 177-193.	0.0	0
920	Chlorothalonil alters the gut microbiota and reduces the survival of immature honey bees reared <i>in vitro</i> . <i>Pest Management Science</i> , 2022, 78, 1976-1981.	1.7	10
921	Honey bee pathogenesis posing threat to its global population: a short review. <i>Proceedings of the Indian National Science Academy</i> , 2022, 88, 11-32.	0.5	6
922	Beekeeping and Managed Bee Diversity in Indonesia: Perspective and Preference of Beekeepers. <i>Diversity</i> , 2022, 14, 52.	0.7	7
923	How contradictory EU policies led to the development of a pest: The story of oilseed rape and the cabbage stem flea beetle. <i>GCB Bioenergy</i> , 2022, 14, 258-266.	2.5	18
924	Embryonic Exposure to Thiamethoxam Reduces Survival and Alters Neurobehavior of Fathead Minnows. <i>Environmental Toxicology and Chemistry</i> , 2022, 41, 1276-1285.	2.2	3
925	Fate of the neonicotinoid insecticide cycloxaprid in different soils under oxic conditions. <i>Science of the Total Environment</i> , 2022, 821, 153448.	3.9	11

#	ARTICLE	IF	CITATIONS
926	Sensitivity of Buff-Tailed Bumblebee (<i>Bombus terrestris</i> L.) to Insecticides with Different Mode of Action. <i>Insects</i> , 2022, 13, 184.	1.0	2
927	Preliminary Experimental Trial of Effects of Lattice Fence Installation on Honey Bee Flight Height as Implications for Urban Beekeeping Regulations. <i>Land</i> , 2022, 11, 19.	1.2	4
928	Sub-Lethal Doses of Sulfoxaflor Impair Honey Bee Homing Ability. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
929	Pollination, seed predation, and seed dispersal. , 2022, , 623-665.		1
930	Agricultural Sustainability and Its Trends in India: A Macro-Level Index-Based Empirical Evaluation. <i>Sustainability</i> , 2022, 14, 2540.	1.6	9
931	Development of an isotope dilution liquid chromatography/tandem mass spectrometry method for the accurate determination of neonicotinoid pesticides, imidacloprid, clothianidin, and thiamethoxam in kimchi cabbage reference materials. <i>Journal of Analytical Science and Technology</i> , 2022, 13, .	1.0	3
932	Honey Bee (<i>Apis mellifera</i>) Exposure to Pesticide Residues in Nectar and Pollen in Urban and Suburban Environments from Four Regions of the United States. <i>Environmental Toxicology and Chemistry</i> , 2022, 41, 991-1003.	2.2	12
933	Environmental and health risks of pesticide use practices by farmers in the region of Tizi-Ouzou (northern Algeria). <i>International Journal of Environmental Studies</i> , 0, , 1-11.	0.7	2
934	Bee Tracker—an open-source machine learning-based video analysis software for the assessment of nesting and foraging performance of cavity-nesting solitary bees. <i>Ecology and Evolution</i> , 2022, 12, e8575.	0.8	3
936	The effects of beta-cypermethrin, chlorbenzuron, chlorothalonil, and pendimethalin on <i>Apis mellifera ligustica</i> and <i>Apis cerana cerana</i> larvae reared in vitro. <i>Pest Management Science</i> , 2022, 78, 1407-1416.	1.7	11
937	Surface Enhanced Raman Spectroscopy: Applications in Agriculture and Food Safety. <i>Photonics</i> , 2021, 8, 568.	0.9	22
938	Sub-lethal effects of thiamethoxam on <i>Apis mellifera</i> Linnaeus. <i>Toxin Reviews</i> , 2022, 41, 1044-1057.	1.5	1
939	Effects of Thiamethoxam-Dressed Oilseed Rape Seeds and <i>Nosema ceranae</i> on Colonies of <i>Apis mellifera iberiensis</i> , L. under Field Conditions of Central Spain. Is Hormesis Playing a Role?. <i>Insects</i> , 2022, 13, 371.	1.0	2
940	Impact of Chronic Exposure to Two Neonicotinoids on Honey Bee Antennal Responses to Flower Volatiles and Pheromonal Compounds. <i>Frontiers in Insect Science</i> , 2022, 2, .	0.9	3
950	A Review of Habitat and Distribution of Common Stingless Bees and Honeybees Species in African Savanna Ecosystems. <i>Tropical Conservation Science</i> , 2022, 15, 194008292210996.	0.6	12
951	Molecular basis of antibiotic self-resistance in a bee larvae pathogen. <i>Nature Communications</i> , 2022, 13, 2349.	5.8	4
952	Chronic exposure to a field-realistic concentration of Closer® SC (24% sulfoxaflor) insecticide impacted the growth and foraging activity of honey bee colonies. <i>Apidologie</i> , 2022, 53, 1.	0.9	5
953	Joint Effects of Fragmentation and Mercury Contamination on Marsh Periwinkle (<i>Littoraria</i>) Tj ETQq1 1 0.784314.rgBT /Overlock 107	2.2	2

#	ARTICLE	IF	CITATIONS
954	Sub-lethal doses of sulfoxaflor impair honey bee homing ability. <i>Science of the Total Environment</i> , 2022, 837, 155710.	3.9	12
955	Determination of the optimal maturation temperature for adult honey bee toxicity testing. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2022, 257, 109359.	1.3	4
956	Long-term Effects of Imidacloprid, Thiacloprid, and Clothianidin on the Growth and Development of <i>Eisenia andrei</i> . <i>Environmental Toxicology and Chemistry</i> , 2022, 41, 1686-1695.	2.2	7
957	Evaluating the foraging performance of individual honey bees in different environments with automated field RFID systems. <i>Ecosphere</i> , 2022, 13, .	1.0	8
958	Interaction between Thiamethoxam and Deformed Wing Virus Type A on Wing Characteristics and Expression of Immune and Apoptosis Genes in <i>Apis mellifera</i> . <i>Insects</i> , 2022, 13, 515.	1.0	2
959	No effect of dual exposure to sulfoxaflor and a trypanosome parasite on bumblebee olfactory learning. <i>Scientific Reports</i> , 2022, 12, .	1.6	7
960	A fungal-based pesticide does not harm pollination service provided by the African stingless bee <i>Meliponula ferruginea</i> on cucumber (<i>Cucumis sativus</i>). <i>Apidologie</i> , 2022, 53, .	0.9	2
961	Behavioral and Biochemical Alterations Induced by Acute Clothianidin and Imidacloprid Exposure in the Killer Shrimp, <i>Dikerogammarus Villosus</i> . <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
962	Antioxidant Defense of <i>Apis mellifera</i> L. in Response to Chlorophyllin Derivatives: As a Marker of Ecotoxicological Stress. <i>Journal of Entomology</i> , 2022, 19, 9-19.	0.2	0
963	Do pesticide and pathogen interactions drive wild bee declines?. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2022, 18, 232-243.	0.6	10
964	High Fundamental Frequency (HFF) Monolithic Quartz Crystal Microbalance with Dissipation Array for the Simultaneous Detection of Pesticides and Antibiotics in Complex Food. <i>Biosensors</i> , 2022, 12, 433.	2.3	3
965	Lethal, sublethal, and combined effects of pesticides on bees: A meta-analysis and new risk assessment tools. <i>Science of the Total Environment</i> , 2022, 844, 156857.	3.9	46
966	The gut parasite <i>Nosema ceranae</i> impairs olfactory learning in bumblebees. <i>Journal of Experimental Biology</i> , 2022, 225, .	0.8	6
967	Land use, season, and parasitism predict metal concentrations in Australian flying fox fur. <i>Science of the Total Environment</i> , 2022, 841, 156699.	3.9	9
968	Mathematical modelling of between hive transmission of Nosemosis by drifting. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2022, 114, 106636.	1.7	1
969	High Pollination Deficit and Strong Dependence on Honeybees in Pollination of Korla Fragrant Pear, <i>Pyrus sinkiangensis</i> . <i>Plants</i> , 2022, 11, 1734.	1.6	6
970	Lethal and sublethal effects of insecticides used in the management of <i>Plutella xylostella</i> (Lepidoptera: Plutellidae) on the predator <i>Cycloneda sanguinea</i> L. (Coleoptera: Coccinellidae). <i>Pest Management Science</i> , 2022, 78, 4397-4406.	1.7	3
971	Integration of Scales and Cameras in Nondisruptive Electronic Beehive Monitoring: On the Within-Day Relationship of Hive Weight and Traffic in Honeybee (<i>Apis mellifera</i>) Colonies in Langstroth Hives in Tucson, Arizona, USA. <i>Sensors</i> , 2022, 22, 4824.	2.1	4

#	ARTICLE	IF	CITATIONS
972	The Responsibility of Farmers, Public Authorities and Consumers for Safeguarding Bees Against Harmful Pesticides. <i>Journal of Agricultural and Environmental Ethics</i> , 2022, 35, .	0.9	2
973	Discovery of Pyrido[1,2- <i>a</i>]pyrimidine Mesoionic Compounds Containing Benzo[<i>b</i>]thiophene Moiety as Potential Pesticide Candidates. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 8598-8608.	2.4	8
974	Imidacloprid-based commercial pesticide causes behavioral, biochemical, and hematological impairments in Wistar rats. <i>Environmental Toxicology and Pharmacology</i> , 2022, 94, 103924.	2.0	9
975	Monitoring the effects of field exposure of acetamiprid to honey bee colonies in Eucalyptus monoculture plantations. <i>Science of the Total Environment</i> , 2022, 844, 157030.	3.9	0
976	Meta-analysis of neonicotinoid insecticides in global surface waters. <i>Environmental Science and Pollution Research</i> , 2023, 30, 1039-1047.	2.7	15
977	Chronic exposure to insecticides impairs honeybee optomotor behaviour. <i>Frontiers in Insect Science</i> , 0, 2, .	0.9	4
978	The effects of sublethal doses of imidacloprid and deltamethrin on honeybee foraging time and the brain transcriptome. <i>Journal of Applied Entomology</i> , 2022, 146, 1169-1177.	0.8	3
980	Honey bee losses and pesticides threat: an Asian perspective. <i>Journal of Apicultural Research</i> , 2023, 62, 64-75.	0.7	6
981	The flavonoid rutin protects the bumble bee <i>Bombus impatiens</i> against cognitive impairment by imidacloprid and fipronil. <i>Journal of Experimental Biology</i> , 2022, 225, .	0.8	9
982	The Synergistic Effect of Thiamethoxam and Synapsin dsRNA Targets Neurotransmission to Induce Mortality in <i>Aphis gossypii</i> . <i>International Journal of Molecular Sciences</i> , 2022, 23, 9388.	1.8	7
983	Behavioral and biochemical alterations induced by acute clothianidin and imidacloprid exposure in the killer shrimp, <i>Dikerogammarus villosus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2022, 261, 109421.	1.3	1
984	Review on effects of some insecticides on honey bee health. <i>Pesticide Biochemistry and Physiology</i> , 2022, 188, 105219.	1.6	14
985	Peripheral neuropathy, protein aggregation and serotonergic neurotransmission: Distinctive bio-interactions of thiacloprid and thiamethoxam in the nematode <i>Caenorhabditis elegans</i> . <i>Environmental Pollution</i> , 2022, 314, 120253.	3.7	2
986	Assessment of acute and chronic toxicity of cyantranilprole and sulfoxaflor on honey bee (<i>Apis</i>)	1.7	6
987	Neonicotinoid exposure in Tricolored Blackbirds (<i>Agelaius tricolor</i>). <i>Environmental Science and Pollution Research</i> , 2023, 30, 15392-15399.	2.7	3
988	Prioritizing Pesticides of Potential Concern and Identifying Potential Mixture Effects in Great Lakes Tributaries Using Passive Samplers. <i>Environmental Toxicology and Chemistry</i> , 2023, 42, 340-366.	2.2	3
989	Beyond a Spray: Pesticide Application Management in Rural China Based on Quadrilateral Evolutionary Game. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 12096.	1.2	0
990	Effect of repeated intakes of a neonicotinoid insecticide on the foraging behaviours of <i>Apis mellifera</i> in field trials. <i>Environmental Science and Pollution Research</i> , 0, , .	2.7	0

#	ARTICLE	IF	CITATIONS
991	A deeper understanding of system interactions can explain contradictory field results on pesticide impact on honey bees. <i>Nature Communications</i> , 2022, 13, .	5.8	6
992	Neonicotinoid Microsphere Immunosensing for Profiling Applications in Honeybees and Bee-Related Matrices. <i>Biosensors</i> , 2022, 12, 792.	2.3	1
993	The Resilience of Plantâ€Pollinator Networks. <i>Annual Review of Entomology</i> , 2023, 68, 363-380.	5.7	17
994	Effect of Neonicotinoid Pesticides on Japanese Water Systems: Review with Focus on Reproductive Toxicity. <i>International Journal of Molecular Sciences</i> , 2022, 23, 11567.	1.8	9
995	Chronic Cadmium Exposure Induces Impaired Olfactory Learning and Altered Brain Gene Expression in Honey Bees (<i>Apis mellifera</i>). <i>Insects</i> , 2022, 13, 988.	1.0	5
996	Effects of trunk injection with emamectin benzoate on arthropod diversity. <i>Pest Management Science</i> , 2023, 79, 935-946.	1.7	4
998	Selective Synthesis of Oligosaccharides by Mechanochemical Hydrolysis of Chitin over a Carbonâ€Based Catalyst. <i>Angewandte Chemie</i> , 0, , .	1.6	0
999	Selective Synthesis of Oligosaccharides by Mechanochemical Hydrolysis of Chitin over a Carbonâ€Based Catalyst. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	7.2	8
1000	Enhancing the insecticidal potential of a baculovirus by overexpressing the mammalian Î²â€galactosyl binding protein galectinâ€1. <i>Pest Management Science</i> , 2023, 79, 701-710.	1.7	1
1001	Quantitative elucidation of the transfer of the neonicotinoid pesticide clothianidin to the breast milk in mice. <i>Toxicology Letters</i> , 2023, 373, 33-40.	0.4	6
1002	Field-realistic concentrations of a neonicotinoid insecticide influence socially regulated brood development in a bumblebee. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, .	1.2	3
1003	Population Genomics for Insect Conservation. <i>Annual Review of Animal Biosciences</i> , 2023, 11, 115-140.	3.6	13
1004	Research Progress on Efficient Pollination Technology of Crops. <i>Agronomy</i> , 2022, 12, 2872.	1.3	3
1005	Does diatomaceous earth (DE) cause mortality on <i>Apis mellifera</i> and <i>Bombus terrestris</i> ? <i>Journal of Apicultural Research</i> , 0, , 1-7.	0.7	2
1006	Strategies for the attraction and conservation of natural pollinators in agroecosystems: a systematic review. <i>International Journal of Environmental Science and Technology</i> , 2023, 20, 4499-4512.	1.8	2
1007	Environmental occurrence, toxicity concerns, and biodegradation of neonicotinoid insecticides. <i>Environmental Research</i> , 2023, 218, 114953.	3.7	35
1008	Negative but antagonistic effects of neonicotinoid insecticides and ectoparasitic mites <i>Varroa destructor</i> on <i>Apis mellifera</i> honey bee food glands. <i>Chemosphere</i> , 2023, 313, 137535.	4.2	3
1009	Facultative symbionts are potential agents of symbiont-mediated RNAi in aphids. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	3

#	ARTICLE	IF	CITATIONS
1010	Long-term monitoring of pesticide residues on public sites: A regional approach to survey and reduce spray drift. <i>Frontiers in Environmental Science</i> , 0, 10, .	1.5	4
1011	Chronic in-hive exposure to a field-relevant concentration of Closerã,,ç SC (24% sulfoxaflor) insecticide altered immunological and physiological markers of honey bee foragers (<i>Apis mellifera</i>). <i>Apidologie</i> , 2023, 54, .	0.9	2
1012	Monitoramento de Abelhas Africanizadas (<i>Apis mellifera</i> L.) usando tecnologia de rádio frequência (RFID) em Belã©m, Parã. <i>ACTA Apicola Brasilia</i> , 0, 10, e9654.	0.0	0
1014	Screening and Evaluation of Thiamethoxam Aptamer Based on Pressurized GO-SELEX and Its Sensor Application. <i>Biosensors</i> , 2023, 13, 155.	2.3	6
1015	Atrazine exposure canãdysregulate the immune system and increase the susceptibility against pathogens in honeybees in a dose-dependent manner. <i>Journal of Hazardous Materials</i> , 2023, 452, 131179.	6.5	5
1016	Pesticide residues in nectar and pollen of melon crops: Risk to pollinators and effects of a specific pesticide mixture on <i>Bombus terrestris</i> (Hymenoptera: Apidae) micro-colonies. <i>Environmental Pollution</i> , 2023, 326, 121451.	3.7	4
1017	Honeybee queen exposure to a widely used fungicide disrupts reproduction and colony dynamic. <i>Environmental Pollution</i> , 2023, 322, 121131.	3.7	2
1019	Avian regulation of crop and forest pests, a metaã€analysis. <i>Pest Management Science</i> , 2023, 79, 2380-2389.	1.7	2
1020	Honey bee nutritional ecology: From physiology to landscapes. <i>Advances in Insect Physiology</i> , 2023, , .	1.1	1
1021	Modelling daily weight variation in honey bee hives. <i>PLoS Computational Biology</i> , 2023, 19, e1010880.	1.5	4
1022	Potential Risk of Residues From Neonicotinoidã€Treated Sugar Beet in Flowering Weeds to Honey Bees (<i>Apis mellifera</i> L.). <i>Environmental Toxicology and Chemistry</i> , 2023, 42, 1167-1177.	2.2	3
1023	Forest and grassland habitats support pollinator diversity more than wildflowers and sunflower monoculture. <i>Ecological Entomology</i> , 2023, 48, 421-432.	1.1	0
1024	Decoupling the effects of nutrition, age, and behavioral caste on honey bee physiology, immunity, and colony health. <i>Frontiers in Physiology</i> , 0, 14, .	1.3	5
1025	How do neonicotinoids affect social bees? Linking proximate mechanisms to ecological impacts. <i>Advances in Insect Physiology</i> , 2023, , 191-253.	1.1	2
1026	A Sublethal Concentration of Sulfoxaflor Has Minimal Impact on Buff-Tailed Bumblebee (<i>Bombus</i>) Tj ETQq0 0 0 rgBTj /Overlock 10 Tf 50	1.6	0
1027	Honeybee (<i>Apis</i> spp.) (Hymenoptera: Apidae) Colony Monitoring Using Acoustic Signals from the Beehive: An Assessment by Global Experts and Our Feedback. <i>Agriculture (Switzerland)</i> , 2023, 13, 769.	1.4	4
1028	Evaluating the Impact of Commonly Used Pesticides on Honeybees (<i>Apis mellifera</i>) in North Gonder of Amhara Region, Ethiopia. <i>Journal of Toxicology</i> , 2023, 2023, 1-13.	1.4	1
1029	Size-Mediated Trophic Interactions in Two Syntopic Forest Salamanders. <i>Animals</i> , 2023, 13, 1281.	1.0	1

#	ARTICLE	IF	CITATIONS
1030	Potential of RFID telemetry for monitoring ground-dwelling beetle movements: A Mediterranean dry grassland study. <i>Frontiers in Ecology and Evolution</i> , 0, 11, .	1.1	0
1032	Overhauling the ecotoxicological impact of synthetic pesticides using plants' natural products: a focus on <i>Zanthoxylum</i> metabolites. <i>Environmental Science and Pollution Research</i> , 2023, 30, 67997-68021.	2.7	2
1042	A Model of Honeybee Population Dynamics and Pollination Prediction. , 2023, , .		0
1051	Molecular and genetic insights into secondary metabolic regulation underlying insect-pest resistance in legumes. <i>Functional and Integrative Genomics</i> , 2023, 23, .	1.4	0
1067	Detrimental Effects of Agrochemical-Based Agricultural Intensification on Biodiversity: Evidence from Some Past Studies. <i>Sustainable Development and Biodiversity</i> , 2023, , 275-298.	1.4	0
1071	The effects of anthropogenic toxins on honey bee learning: Research trends and significance. <i>Apidologie</i> , 2023, 54, .	0.9	0
1078	Sensor-Based Behavior Analysis and Modeling for the Honeybee Superorganism: A Platform. , 2023, , .		0
1086	Impact of nanopesticides in the environment: Solutions, threats, and opportunities. , 2024, , 251-292.		0