

Seed coating with a neonicotinoid insecticide negatively

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Superorganism resilience: eusociality and susceptibility of ecosystem service providing insects to stressors. <i>Current Opinion in Insect Science</i> , 2015, 12, 109-112.	4.4	105
2	Arthropod ecosystem services in apple orchards and their economic benefits. <i>Ecological Entomology</i> , 2015, 40, 82-96.	2.2	51
3	Impact of imidacloprid on new queens of imported fire ants, <i>Solenopsis invicta</i> (Hymenoptera: Formicidae). <i>Journal of Experimental Biology</i> , 2015, 19, 50-66.	3.3	19
4	Bumblebee learning and memory is impaired by chronic exposure to a neonicotinoid pesticide. <i>Scientific Reports</i> , 2015, 5, 16508.	3.3	141
5	Authors' response on Hoppe et al. (2015) "Effects of a neonicotinoid pesticide on honey bee colonies: a response to the field study by Pilling et al. (2013)". <i>Environ Sci Eur</i> (2015) 27:28. <i>Environmental Sciences Europe</i> , 2015, 27, 31.	5.5	3
6	Impact of imidacloprid on honey bee colonies: a response to the field study by Pilling et al. (2013). <i>Environmental Sciences Europe</i> , 2015, 27, 31.	5.5	3
7	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.	1.4	33
8	Toxicity of Spirotetramat on Solitary Bee Larvae, <i>Osmia Cornuta</i> (Hymenoptera: Megachilidae), in Laboratory Conditions. <i>Journal of Apicultural Science</i> , 2015, 59, 73-83.	0.4	14
9	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.	2.2	18
10	Fears for bees as UK lifts insecticide ban. <i>Nature</i> , 2015, , .	27.8	3
11	Causes of variation in wild bee responses to anthropogenic drivers. <i>Current Opinion in Insect Science</i> , 2015, 10, 104-109.	4.4	89
12	Pesticides: Seeking answers amid a toxic debate. <i>Nature</i> , 2015, 521, S52-S55.	27.8	28
13	Effects of a neonicotinoid pesticide on honey bee colonies: a response to the field study by Pilling et al. (2013). <i>Environmental Sciences Europe</i> , 2015, 27, 28.	5.5	12
14	Insect responses to interacting global change drivers in managed ecosystems. <i>Current Opinion in Insect Science</i> , 2015, 11, 56-62.	4.4	14
15	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.	2.6	62
16	Quantum Yields for Direct Photolysis of Neonicotinoid Insecticides in Water: Implications for Exposure to Nontarget Aquatic Organisms. <i>Environmental Science and Technology Letters</i> , 2015, 2, 188-192.	8.7	83
17	Response surface methodology for the enantioseparation of dinotefuran and its chiral metabolite in bee products and environmental samples by supercritical fluid chromatography/tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2015, 1410, 181-189.	3.7	47
18	The neonicotinoid clothianidin interferes with navigation of the solitary bee <i>Osmia cornuta</i> in a laboratory test. <i>Journal of Experimental Biology</i> , 2015, 218, 2821-5.	1.7	42

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19	Tasteless pesticides affect bees in the field. <i>Nature</i> , 2015, 521, 38-39.	27.8	36
20	A restatement of recent advances in the natural science evidence base concerning neonicotinoid insecticides and insect pollinators. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151821.	2.6	161
21	Environmental impact classification for alien insects: a review of mechanisms and their biodiversity outcomes. <i>Current Opinion in Insect Science</i> , 2015, 12, 46-53.	4.4	20
22	Neonicotinoid Residues in Wildflowers, a Potential Route of Chronic Exposure for Bees. <i>Environmental Science & Technology</i> , 2015, 49, 12731-12740.	10.0	324
23	Road mortality potentially responsible for billions of pollinating insect deaths annually. <i>Journal of Insect Conservation</i> , 2015, 19, 1029-1035.	1.4	78
24	Predicting Honeybee Colony Failure: Using the BEEHAVE Model to Simulate Colony Responses to Pesticides. <i>Environmental Science & Technology</i> , 2015, 49, 12879-12887.	10.0	38
25	Sensitive determination of mixtures of neonicotinoid and fungicide residues in pollen and single bumblebees using a scaled down QuEChERS method for exposure assessment. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 8151-8162.	3.7	79
26	Reconciling laboratory and field assessments of neonicotinoid toxicity to honeybees. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20152110.	2.6	131
27	Neonicotinoid pesticide exposure impairs crop pollination services provided by bumblebees. <i>Nature</i> , 2015, 528, 548-550.	27.8	249
28	Enfraquecimento e perda de colônias de abelhas no Brasil: hã; casos de CCD?. <i>Pesquisa Agropecuaria Brasileira</i> , 2016, 51, 422-442.	0.9	46
29	Current Pesticide Risk Assessment Protocols Do Not Adequately Address Differences between Honey Bees (<i>Apis mellifera</i>) and Bumble Bees (<i>Bombus</i> spp.). <i>Frontiers in Environmental Science</i> , 2016, 4, .	3.3	26
30	Spring Land for Biodiversity at Multiple Spatial Scales. <i>Frontiers in Ecology and Evolution</i> , 2016, 3, .	2.2	119
31	Maintaining the Restriction on Neonicotinoids in the European Union â€“ Benefits and Risks to Bees and Pollination Services. <i>Frontiers in Ecology and Evolution</i> , 2016, 4, .	2.2	16
32	Honeybees Produce Millimolar Concentrations of Non-Neuronal Acetylcholine for Breeding: Possible Adverse Effects of Neonicotinoids. <i>PLoS ONE</i> , 2016, 11, e0156886.	2.5	32
33	Enhancing Legume Ecosystem Services through an Understanding of Plantâ€™Pollinator Interplay. <i>Frontiers in Plant Science</i> , 2016, 7, 333.	3.6	38
34	Global biodiversity report warns pollinators are under threat. <i>Nature</i> , 0, , .	27.8	9
35	Controversial insecticides linked to wild bee declines. <i>Nature</i> , 0, , .	27.8	1
37	Neonicotinoids, bees and opportunity costs for conservation. <i>Insect Conservation and Diversity</i> , 2016, 9, 375-383.	3.0	10

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38	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.	4.0	139
39	Dissipation dynamics of clothianidin and its control efficacy against <i>Bradysia odoriphaga</i> Yang and Zhang in Chinese chive ecosystems. <i>Pest Management Science</i> , 2016, 72, 1396-1404.	3.4	27
40	Monitoring the effects of thiamethoxam applied as a seed treatment to winter oilseed rape on the development of bumblebee (<i>Bombus terrestris</i>) colonies. <i>Pest Management Science</i> , 2016, 72, 1737-1742.	3.4	14
41	Replication, effect sizes and identifying the biological impacts of pesticides on bees under field conditions. <i>Journal of Applied Ecology</i> , 2016, 53, 1358-1362.	4.0	31
42	Gene coevolution and regulation lock cyclic plant defence peptides to their targets. <i>New Phytologist</i> , 2016, 210, 717-730.	7.3	58
43	Pesticide seed dressings can affect the activity of various soil organisms and reduce decomposition of plant material. <i>BMC Ecology</i> , 2016, 16, 37.	3.0	47
44	Large-scale monitoring of effects of clothianidin-dressed OSR seeds on pollinating insects in Northern Germany: effects on large earth bumble bees (<i>Bombus terrestris</i>). <i>Ecotoxicology</i> , 2016, 25, 1666-1678.	2.4	31
46	Neonicotinoids target distinct nicotinic acetylcholine receptors and neurons, leading to differential risks to bumblebees. <i>Scientific Reports</i> , 2016, 6, 24764.	3.3	83
47	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.	3.3	58
48	Pollination Services to Agriculture. , 0, , .		4
49	How Agricultural Intensification Affects Biodiversity and Ecosystem Services. <i>Advances in Ecological Research</i> , 2016, 55, 43-97.	2.7	234
50	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.	2.6	67
51	Contamination of wild plants near neonicotinoid seed-treated crops, and implications for non-target insects. <i>Science of the Total Environment</i> , 2016, 566-567, 269-278.	8.0	168
52	Chronic exposure to a neonicotinoid pesticide alters the interactions between bumblebees and wild plants. <i>Functional Ecology</i> , 2016, 30, 1132-1139.	3.6	83
53	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.	1.8	22
54	Impacts of chronic sublethal exposure to clothianidin on winter honeybees. <i>Ecotoxicology</i> , 2016, 25, 1000-1010.	2.4	41
55	Protecting an Ecosystem Service. <i>Advances in Ecological Research</i> , 2016, 54, 135-206.	2.7	115
56	Large-scale monitoring of effects of clothianidin-dressed oilseed rape seeds on pollinating insects in Northern Germany: effects on red mason bees (<i>Osmia bicornis</i>). <i>Ecotoxicology</i> , 2016, 25, 1679-1690.	2.4	40

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57	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.	2.4	52
58	Initial recommendations for higher-tier risk assessment protocols for bumble bees, <i>Bombus</i> spp. (Hymenoptera: Apidae). <i>Integrated Environmental Assessment and Management</i> , 2016, 12, 222-229.	2.9	32
59	Extrapolation of acute toxicity across bee species. <i>Integrated Environmental Assessment and Management</i> , 2016, 12, 622-626.	2.9	35
60	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.	7.1	151
61	Mass-flowering crops dilute pollinator abundance in agricultural landscapes across Europe. <i>Ecology Letters</i> , 2016, 19, 1228-1236.	6.4	195
62	Safeguarding pollinators and their values to human well-being. <i>Nature</i> , 2016, 540, 220-229.	27.8	1,204
63	The Persistence of Bumble Bees (Hymenoptera: Apidae) in Northeastern Texas. <i>Proceedings of the Entomological Society of Washington</i> , 2016, 118, 481-497.	0.2	2
64	Evolutionary traps as keys to understanding behavioral maladaptation. <i>Current Opinion in Behavioral Sciences</i> , 2016, 12, 12-17.	3.9	35
65	Large-scale monitoring of effects of clothianidin-dressed oilseed rape seeds on pollinating insects in northern Germany: residues of clothianidin in pollen, nectar and honey. <i>Ecotoxicology</i> , 2016, 25, 1691-1701.	2.4	43
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67	Effects of agricultural fungicides on microorganisms associated with floral nectar: susceptibility assays and field experiments. <i>Environmental Science and Pollution Research</i> , 2016, 23, 19776-19786.	5.3	27
68	Status, Threats and Conservation Recommendations for Wild Bumble Bees (<i>Bombus</i> spp.) in Ontario, Canada: A Review for Policymakers and Practitioners. <i>Natural Areas Journal</i> , 2016, 36, 412-426.	0.5	27
69	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.	2.4	52
70	Neonicotinoid-contaminated pollinator strips adjacent to cropland reduce honey bee nutritional status. <i>Scientific Reports</i> , 2016, 6, 29608.	3.3	87
71	Impacts of neonicotinoid use on long-term population changes in wild bees in England. <i>Nature Communications</i> , 2016, 7, 12459.	12.8	367
72	Computational electronic structure of the bee killer insecticide imidacloprid. <i>New Journal of Chemistry</i> , 2016, 40, 10353-10362.	2.8	12
73	Interspecific sensitivity of bees towards dimethoate and implications for environmental risk assessment. <i>Scientific Reports</i> , 2016, 6, 34439.	3.3	35
74	Sub-lethal effects of dietary neonicotinoid insecticide exposure on honey bee queen fecundity and colony development. <i>Scientific Reports</i> , 2016, 6, 32108.	3.3	156

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75	Non-cultivated plants present a season-long route of pesticide exposure for honey bees. <i>Nature Communications</i> , 2016, 7, 11629.	12.8	211
76	Common Methods for Tallgrass Prairie Restoration and Their Potential Effects on Bee Diversity. <i>Natural Areas Journal</i> , 2016, 36, 400-411.	0.5	27
77	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.	2.4	26
78	Evidence for the effects of neonicotinoids used in arable crop production on non-target organisms and concentrations of residues in relevant matrices: a systematic map protocol. <i>Environmental Evidence</i> , 2016, 5, .	2.7	7
79	Honey Beesâ€™ Behavior Is Impaired by Chronic Exposure to the Neonicotinoid Thiacloprid in the Field. <i>Environmental Science & Technology</i> , 2016, 50, 7218-7227.	10.0	157
80	Inclusion of Specialist and Generalist Stimuli in Attract-and-Kill Programs: Their Relative Efficacy in Apple Maggot Fly (Diptera: Tephritidae) Pest Management. <i>Environmental Entomology</i> , 2016, 45, 974-982.	1.4	20
81	Pollinators and Global Food Security: the Need for Holistic Global Stewardship. <i>Food Ethics</i> , 2016, 1, 75-91.	1.9	96
82	Economics of beekeeping as pollination management practices adopted by farmers in Chitwan district of Nepal. <i>Agriculture and Food Security</i> , 2016, 5, .	4.2	14
83	Chance, Variation and the Nature of Causality in Ecological Communities. <i>The Frontiers Collection</i> , 2016, , 197-214.	0.2	2
85	Survey and Risk Assessment of <i>Apis mellifera</i> (Hymenoptera: Apidae) Exposure to Neonicotinoid Pesticides in Urban, Rural, and Agricultural Settings. <i>Journal of Economic Entomology</i> , 2016, 109, 520-528.	1.8	31
86	Widespread contamination of wildflower and bee-collected pollen with complex mixtures of neonicotinoids and fungicides commonly applied to crops. <i>Environment International</i> , 2016, 88, 169-178.	10.0	291
87	Are bee diseases linked to pesticides? â€” A brief review. <i>Environment International</i> , 2016, 89-90, 7-11.	10.0	350
88	Mutually beneficial pollinator diversity and crop yield outcomes in small and large farms. <i>Science</i> , 2016, 351, 388-391.	12.6	342
89	Molecular Effects of Neonicotinoids in Honey Bees (<i>Apis mellifera</i>). <i>Environmental Science & Technology</i> , 2016, 50, 4071-4081.	10.0	116
90	Underestimating neonicotinoid exposure: how extent and magnitude may be affected by land-use change. <i>Environmental Science and Pollution Research</i> , 2016, 23, 7050-7054.	5.3	9
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92	Response to Comment on â€œNeonicotinoid Residues in Wildflowers, A Potential Route of Chronic Exposure for Beesâ€• <i>Environmental Science & Technology</i> , 2016, 50, 1630-1631.	10.0	4
93	Effects of Deltamethrin on crayfish motor axon activity and neuromuscular transmission. <i>Neuroscience Letters</i> , 2016, 617, 32-38.	2.1	3

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94	Measurements of Chlorpyrifos Levels in Forager Bees and Comparison with Levels that Disrupt Honey Bee Odor-Mediated Learning Under Laboratory Conditions. <i>Journal of Chemical Ecology</i> , 2016, 42, 127-138.	1.8	53
95	Tracking pan-continental trends in environmental contamination—using sentinel raptors—what types of samples should we use?. <i>Ecotoxicology</i> , 2016, 25, 777-801.	2.4	149
96	Exposure of native bees foraging in an agricultural landscape to current-use pesticides. <i>Science of the Total Environment</i> , 2016, 542, 469-477.	8.0	177
97	Pollinators, pests, and predators: Recognizing ecological trade-offs in agroecosystems. <i>Ambio</i> , 2016, 45, 4-14.	5.5	70
98	Pollinators in life cycle assessment: towards a framework for impact assessment. <i>Journal of Cleaner Production</i> , 2017, 140, 525-536.	9.3	38
99	Differences in the strengths of evidence matters in risk—risk trade-offs. <i>Journal of Risk Research</i> , 2017, 20, 988-994.	2.6	1
100	A facile graphene oxide based sensor for electrochemical detection of neonicotinoids. <i>Biosensors and Bioelectronics</i> , 2017, 89, 532-537.	10.1	64
101	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.	4.3	23
102	Enhanced yeast feeding following mating facilitates control of the invasive fruit pest <i>Drosophila suzukii</i> . <i>Journal of Applied Ecology</i> , 2017, 54, 170-177.	4.0	73
103	Why Bees Are So Vulnerable to Environmental Stressors. <i>Trends in Ecology and Evolution</i> , 2017, 32, 268-278.	8.7	177
104	Sublethal pesticide doses negatively affect survival and the cellular responses in American foulbrood-infected honeybee larvae. <i>Scientific Reports</i> , 2017, 7, 40853.	3.3	49
105	Non-neuronal acetylcholine involved in reproduction in mammals and honeybees. <i>Journal of Neurochemistry</i> , 2017, 142, 144-150.	3.9	32
106	Quantifying exposure of wild bumblebees to mixtures of agrochemicals in agricultural and urban landscapes. <i>Environmental Pollution</i> , 2017, 222, 73-82.	7.5	107
107	The Neonicotinoid Insecticide Thiacloprid Impacts upon Bumblebee Colony Development under Field Conditions. <i>Environmental Science & Technology</i> , 2017, 51, 1727-1732.	10.0	74
108	Sublethal doses of imidacloprid disrupt sexual communication and host finding in a parasitoid wasp. <i>Scientific Reports</i> , 2017, 7, 42756.	3.3	64
109	The Challenge: Assessment of risks posed by systemic insecticides to hymenopteran pollinators: New perception when we move from laboratory via (semi-)field to landscape scale testing?. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 17-24.	4.3	10
110	Monitoring the conservation status of bumble bee populations across an elevation gradient in the Front Range of Colorado. <i>Journal of Insect Conservation</i> , 2017, 21, 65-74.	1.4	5
111	Poisoning a Society: A Superorganism Perspective on Honey Bee Toxicology. <i>Bee World</i> , 2017, 94, 30-32.	0.8	2

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112	A sublethal dose of a neonicotinoid insecticide disrupts visual processing and collision avoidance behaviour in <i>Locusta migratoria</i> . <i>Scientific Reports</i> , 2017, 7, 936.	3.3	18
113	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.	5.5	5
114	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.	10.0	15
115	General and species-specific impacts of a neonicotinoid insecticide on the ovary development and feeding of wild bumblebee queens. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170123.	2.6	74
116	Distribution patterns of the cold adapted bumblebee <i>Bombus alpinus</i> in the Alps and hints of an uphill shift (Insecta: Hymenoptera: Apidae). <i>Journal of Insect Conservation</i> , 2017, 21, 357-366.	1.4	51
117	Do drivers of biodiversity change differ in importance across marine and terrestrial systems – Or is it just different research communities' perspectives?. <i>Science of the Total Environment</i> , 2017, 574, 191-203.	8.0	32
118	Management matters: A comparison of ant assemblages in organic and conventional vineyards. <i>Agriculture, Ecosystems and Environment</i> , 2017, 246, 175-183.	5.3	23
119	Fate and transport of furrow-applied granular tefluthrin and seed-coated clothianidin insecticides: Comparison of field-scale observations and model estimates. <i>Ecotoxicology</i> , 2017, 26, 876-888.	2.4	16
120	Big city <i>Bombus</i> : using natural history and land-use history to find significant environmental drivers in bumble-bee declines in urban development. <i>Royal Society Open Science</i> , 2017, 4, 170156.	2.4	51
121	The environmental risks of neonicotinoid pesticides: a review of the evidence post 2013. <i>Environmental Science and Pollution Research</i> , 2017, 24, 17285-17325.	5.3	405
122	Planting of neonicotinoid-treated maize poses risks for honey bees and other non-target organisms over a wide area without consistent crop yield benefit. <i>Journal of Applied Ecology</i> , 2017, 54, 1449-1458.	4.0	81
123	Ornamental plants on sale to the public are a significant source of pesticide residues with implications for the health of pollinating insects. <i>Environmental Pollution</i> , 2017, 228, 297-304.	7.5	72
124	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.	3.9	20
125	The role of pollinators, pests and different yield components for organic and conventional white clover seed yields. <i>Field Crops Research</i> , 2017, 210, 1-8.	5.1	13
126	Application of the combination index (CI)-isobologram equation to research the toxicological interactions of clothianidin, thiamethoxam, and dinotefuran in honeybee, <i>Apis mellifera</i> . <i>Chemosphere</i> , 2017, 184, 806-811.	8.2	24
127	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.	3.3	13
128	Postregistration monitoring of pesticides is urgently required to protect ecosystems. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 860-865.	4.3	43
129	The costs of beekeeping for pollination services in the UK – an explorative study. <i>Journal of Apicultural Research</i> , 2017, 56, 310-317.	1.5	11

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130	Spring mortality in honey bees in northeastern Italy: detection of pesticides and viruses in dead honey bees and other matrices. <i>Journal of Apicultural Research</i> , 2017, 56, 239-254.	1.5	22
131	A method for the objective selection of landscape-scale study regions and sites at the national level. <i>Methods in Ecology and Evolution</i> , 2017, 8, 1468-1476.	5.2	23
132	Ecological intensification to mitigate impacts of conventional intensive land use on pollinators and pollination. <i>Ecology Letters</i> , 2017, 20, 673-689.	6.4	237
133	Photochemistry of Thin Solid Films of the Neonicotinoid Imidacloprid on Surfaces. <i>Environmental Science & Technology</i> , 2017, 51, 2660-2668.	10.0	37
134	Imidacloprid seed treatments affect individual ant behavior and community structure but not egg predation, pest abundance or soybean yield. <i>Pest Management Science</i> , 2017, 73, 1625-1632.	3.4	9
135	Using the waggle dance to determine the spatial ecology of honey bees during commercial crop pollination. <i>Agricultural and Forest Entomology</i> , 2017, 19, 210-216.	1.3	21
136	Predictive systems models can help elucidate bee declines driven by multiple combined stressors. <i>Apidologie</i> , 2017, 48, 328-339.	2.0	40
137	Seed Coating: Science or Marketing Spin?. <i>Trends in Plant Science</i> , 2017, 22, 106-116.	8.8	177
138	Detrimental interactions of neonicotinoid pesticide exposure and bumblebee immunity. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2017, 327, 273-283.	1.9	30
139	A worldwide survey of neonicotinoids in honey. <i>Science</i> , 2017, 358, 109-111.	12.6	357
140	A cocktail of poisons. <i>Science</i> , 2017, 356, 1331-1332.	12.6	15
141	Landscape Scale Study of the Net Effect of Proximity to a Neonicotinoid-Treated Crop on Bee Colony Health. <i>Environmental Science & Technology</i> , 2017, 51, 10825-10833.	10.0	20
142	Effects of sublethal doses of thiacloprid and its formulation Calypso® on the learning and memory performance of honey bees. <i>Journal of Experimental Biology</i> , 2017, 220, 3695-3705.	1.7	49
143	The impact of honey bee colony quality on crop yield and farmers' profit in apples and pears. <i>Agriculture, Ecosystems and Environment</i> , 2017, 248, 153-161.	5.3	76
144	Neonicotinoids act like endocrine disrupting chemicals in newly-emerged bees and winter bees. <i>Scientific Reports</i> , 2017, 7, 10979.	3.3	58
145	Bumblebee colony development following chronic exposure to field-realistic levels of the neonicotinoid pesticide thiamethoxam under laboratory conditions. <i>Scientific Reports</i> , 2017, 7, 8005.	3.3	21
146	Ecological and evolutionary approaches to managing honeybee disease. <i>Nature Ecology and Evolution</i> , 2017, 1, 1250-1262.	7.8	73
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148	Integrated Crop Pollination: Combining strategies to ensure stable and sustainable yields of pollination-dependent crops. <i>Basic and Applied Ecology</i> , 2017, 22, 44-60.	2.7	101
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