

Combined pesticide exposure severely affects individual

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Bumblebees and pesticides. <i>Nature</i> , 2012, 491, 43-45.	13.7	53
2	The buzz about pesticides. <i>Nature</i> , 0, , .	13.7	0
3	Sub-lethal effects of thiamethoxam, a neonicotinoid pesticide, and propiconazole, a DMI fungicide, on colony initiation in bumblebee (<i>Bombus terrestris</i>) micro-colonies. <i>Apidologie</i> , 2013, 44, 563-574.	0.9	61
4	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
5	Salience of multimodal flower cues manipulates initial responses and facilitates learning performance of bumblebees. <i>Behavioral Ecology and Sociobiology</i> , 2013, 67, 1587-1599.	0.6	37
6	Combined effects of global change pressures on animal-mediated pollination. <i>Trends in Ecology and Evolution</i> , 2013, 28, 524-530.	4.2	320
7	Cellular Mechanisms of Neuronal Plasticity in the Honeybee Brain. <i>Handbook of Behavioral Neuroscience</i> , 2013, , 467-477.	0.7	1
8	Diesel exhaust rapidly degrades floral odours used by honeybees. <i>Scientific Reports</i> , 2013, 3, 2779.	1.6	93
9	Wildlife Ecotoxicology of Pesticides: Can We Track Effects to the Population Level and Beyond?. <i>Science</i> , 2013, 341, 759-765.	6.0	658
10	Neonicotinoids, bee disorders and the sustainability of pollinator services. <i>Current Opinion in Environmental Sustainability</i> , 2013, 5, 293-305.	3.1	352
11	Pathogens, Pests, and Economics: Drivers of Honey Bee Colony Declines and Losses. <i>EcoHealth</i> , 2013, 10, 434-445.	0.9	187
12	Acute exposure to a sublethal dose of imidacloprid and coumaphos enhances olfactory learning and memory in the honeybee <i>Apis mellifera</i> . <i>Invertebrate Neuroscience</i> , 2013, 13, 63-70.	1.8	64
13	Isolation and properties of flight muscle mitochondria of the bumblebee <i>Bombus terrestris</i> (L.). <i>Biochemistry (Moscow)</i> , 2013, 78, 909-914.	0.7	13
14	Chronic sublethal stress causes bee colony failure. <i>Ecology Letters</i> , 2013, 16, 1463-1469.	3.0	175
15	Neonicotinoids and bees: What's all the buzz?. <i>Significance</i> , 2013, 10, 6-11.	0.3	10
16	A neurotoxic pesticide changes the outcome of aggressive interactions between native and invasive ants. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20132157.	1.2	42
17	Cholinergic pesticides cause mushroom body neuronal inactivation in honeybees. <i>Nature Communications</i> , 2013, 4, 1634.	5.8	215
18	Threats to an ecosystem service: pressures on pollinators. <i>Frontiers in Ecology and the Environment</i> , 2013, 11, 251-259.	1.9	980

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19	Are pesticides the most important cause of colony losses?. <i>Bee World</i> , 2013, 90, 38-39.	0.3	0
20	Drifting behaviour as an alternative reproductive strategy for social insect workers. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131888.	1.2	23
21	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
22	The Neonicotinoid Insecticide Imidacloprid Repels Pollinating Flies and Beetles at Field-Realistic Concentrations. <i>PLoS ONE</i> , 2013, 8, e54819.	1.1	56
23	The risk of insecticides to pollinating insects. <i>Communicative and Integrative Biology</i> , 2013, 6, e25074.	0.6	19
24	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
25	Conclusion on the peer review of the pesticide risk assessment for bees for the active substance imidacloprid. <i>EFSA Journal</i> , 2013, 11, 3068.	0.9	79
26	Guidance on the risk assessment of plant protection products on bees (<i>Apis mellifera</i> , <i>Bombus</i> spp. and) Tj ETQq1 1,0,784314,rgBT /Ov	0.9	377
27	Crop Pollination Exposes Honey Bees to Pesticides Which Alters Their Susceptibility to the Gut Pathogen <i>Nosema ceranae</i> . <i>PLoS ONE</i> , 2013, 8, e70182.	1.1	364
28	The Effect of Olfactory Exposure to Non-Insecticidal Agrochemicals on Bumblebee Foraging Behavior. <i>PLoS ONE</i> , 2013, 8, e76273.	1.1	16
29	A Four-Year Field Program Investigating Long-Term Effects of Repeated Exposure of Honey Bee Colonies to Flowering Crops Treated with Thiamethoxam. <i>PLoS ONE</i> , 2013, 8, e77193.	1.1	168
30	Repression and Recuperation of Brood Production in <i>Bombus terrestris</i> Bumble Bees Exposed to a Pulse of the Neonicotinoid Pesticide Imidacloprid. <i>PLoS ONE</i> , 2013, 8, e79872.	1.1	46
31	Acaricide, Fungicide and Drug Interactions in Honey Bees (<i>Apis mellifera</i>). <i>PLoS ONE</i> , 2013, 8, e54092.	1.1	256
32	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
33	Europe debates risk to bees. <i>Nature</i> , 2013, 496, 408-408.	13.7	29
34	Pesticides: Environmental Impacts and Management Strategies. , 0, , .		127
35	Xenobiotic Effects on Intestinal Stem Cell Proliferation in Adult Honey Bee (<i>Apis mellifera</i> L) Workers. <i>PLoS ONE</i> , 2014, 9, e91180.	1.1	22
36	Environmental Fate of Soil Applied Neonicotinoid Insecticides in an Irrigated Potato Agroecosystem. <i>PLoS ONE</i> , 2014, 9, e97081.	1.1	84

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37	Imidacloprid Alters Foraging and Decreases Bee Avoidance of Predators. PLoS ONE, 2014, 9, e102725.	1.1	77
38	Impact of Chronic Neonicotinoid Exposure on Honeybee Colony Performance and Queen Supersedure. PLoS ONE, 2014, 9, e103592.	1.1	182
39	The bumblebees of North China (Apidae, Bombus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 662 Td (La	0.2	61
40	Honeybee immunity and colony losses. Entomologia, 2014, , .	1.0	4
41	Towards an integrated environmental risk assessment of multiple stressors on bees: review of research projects in Europe, knowledge gaps and recommendations. EFSA Journal, 2014, 12, 3594.	0.9	48
43	Insect Acetylcholinesterase as a Target for Effective and Environmentally Safe Insecticides. Advances in Insect Physiology, 2014, , 435-494.	1.1	21
44	Chronic impairment of bumblebee natural foraging behaviour induced by sublethal pesticide exposure. Functional Ecology, 2014, 28, 1459-1471.	1.7	220
45	Studies on an Acetylcholine Binding Protein Identify a Basic Residue in Loop G on the <i>Î</i>1 Strand as a New Structural Determinant of Neonicotinoid Actions. Molecular Pharmacology, 2014, 86, 736-746.	1.0	35
46	Host range of the potential biopesticide Pea Albumin 1b (PA1b) is limited to insects. Toxicon, 2014, 89, 67-76.	0.8	16
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50	Sublethal neonicotinoid insecticide exposure reduces solitary bee reproductive success. Agricultural and Forest Entomology, 2014, 16, 119-128.	0.7	154
51	Optical identification of bumblebee species: Effect of morphology on wingbeat frequency. Computers and Electronics in Agriculture, 2014, 109, 94-100.	3.7	18
52	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
53	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
54	On the natural history of neonicotinoids and bees. Functional Ecology, 2014, 28, 1311-1312.	1.7	3
55	Comparison of two molecular diagnostic tools for the quantification of <i>C</i>rithidia bombi</i>, a parasite of bumblebees. Entomologia Experimentalis Et Applicata, 2014, 150, 191-197.	0.7	3

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56	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
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59	Advances in Pesticide Risk Reduction. , 2014, , 17-34.		7
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62	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
63	Problem solving by worker bumblebees <i>Bombus impatiens</i> (Hymenoptera: Apoidea). <i>Animal Cognition</i> , 2014, 17, 1053-1061.	0.9	11
64	Soil insect pests of cold temperate zones of East Asia, including DPR Korea: A review. <i>Journal of Pest Science</i> , 2014, 87, 567-595.	1.9	26
65	Challenges and prospects in the telemetry of insects. <i>Biological Reviews</i> , 2014, 89, 511-530.	4.7	160
66	Resistance of developing honeybee larvae during chronic exposure to dietary nicotine. <i>Journal of Insect Physiology</i> , 2014, 69, 74-79.	0.9	31
67	Bumblebees are not deterred by ecologically relevant concentrations of nectar toxins. <i>Journal of Experimental Biology</i> , 2014, 217, 1620-5.	0.8	68
68	Environmentally friendly management as an intermediate strategy between organic and conventional agriculture to support biodiversity. <i>Biological Conservation</i> , 2014, 178, 146-154.	1.9	38
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71	A field study examining the effects of exposure to neonicotinoid seed-treated corn on commercial bumble bee colonies. <i>Ecotoxicology</i> , 2014, 23, 1755-1763.	1.1	56
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73	Fipronil and imidacloprid reduce honeybee mitochondrial activity. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 2070-2075.	2.2	90

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75	Identification of Naphthol Derivatives as Novel Antifeedants and Insecticides. 1. Journal of Agricultural and Food Chemistry, 2014, 62, 6571-6576.	2.4	9
76	Prioritizing non-marine invertebrate taxa for Red Listing. Journal of Insect Conservation, 2014, 18, 573-586.	0.8	17
77	Costing conservation: an expert appraisal of the pollinator habitat benefits of England's entry level stewardship. Biodiversity and Conservation, 2014, 23, 1193-1214.	1.2	20
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79	Chemical Properties, Environmental Fate, and Degradation of Seven Classes of Pollutants. Chemical Research in Toxicology, 2014, 27, 713-737.	1.7	91
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87	A multilevel analysis on pollination-related policies. Ecosystem Services, 2015, 14, 133-143.	2.3	10
88	Molecular tools and bumble bees: revealing hidden details of ecology and evolution in a model system. Molecular Ecology, 2015, 24, 2916-2936.	2.0	64
89	Azobenzene Modified Imidacloprid Derivatives as Photoswitchable Insecticides: Steering Molecular Activity in a Controllable Manner. Scientific Reports, 2015, 5, 13962.	1.6	19
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93	Bumblebee learning and memory is impaired by chronic exposure to a neonicotinoid pesticide. Scientific Reports, 2015, 5, 16508.	1.6	141

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95	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. Journal of Insect Conservation, 2015, 19, 999-1010.	0.8	33
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98	Letter to the editor. Environmental Toxicology and Chemistry, 2015, 34, 4-5.	2.2	4
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100	Development of a Gas Chromatography - Tandem Mass Spectrometry Procedure for Determination of Pesticide Residues in Honey and Honeybee Samples. Journal of Chromatography & Separation Techniques, 2015, s6, .	0.2	0
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119	Fragmentation and Management of Ethiopian Moist Evergreen Forest Drive Compositional Shifts of Insect Communities Visiting Wild Arabica Coffee Flowers. <i>Environmental Management</i> , 2015, 55, 373-382.	1.2	22
120	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
121	Bee nutrition and floral resource restoration. <i>Current Opinion in Insect Science</i> , 2015, 10, 133-141.	2.2	318
122	Indirect Effects of Field Management on Pollination Service and Seed Set in Hybrid Onion Seed Production. <i>Journal of Economic Entomology</i> , 2015, 108, 2511-2517.	0.8	13
123	Increased Acetylcholinesterase Expression in Bumble Bees During Neonicotinoid-Coated Corn Sowing. <i>Scientific Reports</i> , 2015, 5, 12636.	1.6	26
124	In vitro effects of thiamethoxam on larvae of Africanized honey bee <i>Apis mellifera</i> (Hymenoptera: Tj ETQq1 1 0.784314 rgBT / Overlo	4.2	74
125	Sublethal effects of imidacloprid on interactions in a tritrophic system of non-target species. <i>Chemosphere</i> , 2015, 132, 152-158.	4.2	20
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127	The genomes of two key bumblebee species with primitive eusocial organization. <i>Genome Biology</i> , 2015, 16, 76.	3.8	330
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130	Tasteless pesticides affect bees in the field. <i>Nature</i> , 2015, 521, 38-39.	13.7	36

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132	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
133	Biopesticides: Where We Stand?. , 2015, , 37-75.		53
134	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
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138	Neonicotinoid insecticides inhibit cholinergic neurotransmission in a molluscan (<i>Lymnaea stagnalis</i>) nervous system. <i>Aquatic Toxicology</i> , 2015, 167, 172-179.	1.9	43
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140	Neonicotinoid Residues in Wildflowers, a Potential Route of Chronic Exposure for Bees. <i>Environmental Science & Technology</i> , 2015, 49, 12731-12740.	4.6	324
141	Effects of Oral Exposure to Fungicides on Honey Bee Nutrition and Virus Levels. <i>Journal of Economic Entomology</i> , 2015, 108, 2518-2528.	0.8	80
142	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
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145	Neonicotinoids and bumblebees (<i>Bombus terrestris</i>): effects on nectar consumption in individual workers. <i>Pest Management Science</i> , 2015, 71, 946-950.	1.7	44
146	Lethal and sublethal effects of azadirachtin on the bumblebee <i>Bombus terrestris</i> (Hymenoptera:). <i>TJ ETQq1 1 0.784314 rgBT /Overlock 1</i>	1.1	57
147	Current Agricultural Practices Threaten Future Global Food Production. <i>Journal of Agricultural and Environmental Ethics</i> , 2015, 28, 203-216.	0.9	36
148	Diversification practices reduce organic to conventional yield gap. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20141396.	1.2	505

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150	A 1961–2010 record of fertilizer use, pesticide application and cereal yields: a review. <i>Agronomy for Sustainable Development</i> , 2015, 35, 83-93.	2.2	143
151	Delayed and time-cumulative toxicity of imidacloprid in bees, ants and termites. <i>Scientific Reports</i> , 2014, 4, 5566.	1.6	146
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153	Emerging Insect-Borne Diseases of Agricultural, Medical and Veterinary Importance. , 0, , .		3
154	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, .	1.5	26
155	Maintaining the Restriction on Neonicotinoids in the European Union – Benefits and Risks to Bees and Pollination Services. <i>Frontiers in Ecology and Evolution</i> , 2016, 4, .	1.1	16
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157	Diversification, Yield and a New Agricultural Revolution: Problems and Prospects. <i>Sustainability</i> , 2016, 8, 1118.	1.6	37
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159	Virus Infection of Plants Alters Pollinator Preference: A Payback for Susceptible Hosts?. <i>PLoS Pathogens</i> , 2016, 12, e1005790.	2.1	86
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