



## HONEY BEE STUDIES

Author	Year	Title	Link
Medrzycki et al.	2003	Effects of imidacloprid administered in sub-lethal doses on honey bee behaviour. Laboratory tests.	<a href="http://www.bulletinofinsectology.org/pdfarticles/vol56-2003-059-062medrzycki.pdf">http://www.bulletinofinsectology.org/pdfarticles/vol56-2003-059-062medrzycki.pdf</a>
Decourtye et al.	2004	Imidacloprid impairs memory and brain metabolism in the honeybee ( <i>Apis mellifera</i> L.)	<a href="http://www.sciencedirect.com/science/article/pii/S0048357503001469">http://www.sciencedirect.com/science/article/pii/S0048357503001469</a>
Decourtye et al.	2004	Effects of imidacloprid and deltamethrin on associative learning in honeybees under semi-field and laboratory conditions	<a href="http://www.sciencedirect.com/science/article/pii/S0147651303001477">http://www.sciencedirect.com/science/article/pii/S0147651303001477</a>
Decourtye et al.	2005	Comparative Sublethal Toxicity of Nine Pesticides on Olfactory Learning Performances of the Honeybee <i>Apis mellifera</i>	<a href="http://link.springer.com/article/10.1007/s00244-003-0262-7">http://link.springer.com/article/10.1007/s00244-003-0262-7</a>
Faucon et al.	2005	Experimental study on the toxicity of imidacloprid given in syrup to honey bee colonies	<a href="http://onlinelibrary.wiley.com/doi/10.1002/ps.957/abstract?deniedAccessCustomisedMessage=&amp;urlIsAuthenticated=false">http://onlinelibrary.wiley.com/doi/10.1002/ps.957/abstract?deniedAccessCustomisedMessage=&amp;urlIsAuthenticated=false</a>
Fidente et al.	2005	Analysis of nicotinoid insecticides residues in honey by solid matrix partition clean-up and liquid chromatography-electrospray mass spectrometry	<a href="http://www.sciencedirect.com/science/article/pii/S0021967305018182">http://www.sciencedirect.com/science/article/pii/S0021967305018182</a>
Rortais et al.	2005	Modes of honeybees exposure to systemic insecticides: estimated amounts of contaminated pollen and nectar consumed by different categories of bees	<a href="https://hal.inria.fr/file/index/docid/892118/filename/hal-00892118.pdf">https://hal.inria.fr/file/index/docid/892118/filename/hal-00892118.pdf</a>
Biesmeijer et al.	2006	Parallel Declines in Pollinators and Insect-Pollinated Plants in Britain and the Netherlands	<a href="http://www.sciencemag.org/content/313/5785/351.short">http://www.sciencemag.org/content/313/5785/351.short</a>
Halm et al.	2006	New Risk Assessment Approach for Systemic Insecticides: The Case of Honey Bees and Imidacloprid ( <i>Gaucho</i> )	<a href="http://pubs.acs.org/doi/abs/10.1021/es051392i">http://pubs.acs.org/doi/abs/10.1021/es051392i</a>
Jones et al.	2006	The nicotinic acetylcholine receptor gene family of the honey bee, <i>Apis mellifera</i>	<a href="http://genome.cshlp.org/content/16/11/1422.short">http://genome.cshlp.org/content/16/11/1422.short</a>

Alix & Vergnet	2007	Risk assessment to honey bees: a scheme developed in France for non-sprayed systemic compounds	<a href="http://onlinelibrary.wiley.com/doi/10.1002/ps.1463/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false">http://onlinelibrary.wiley.com/doi/10.1002/ps.1463/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false</a>
Cummins	2007	Requiem for the Honeybee	<a href="http://beeman.ca/sitebuildercontent/sitebuilderfiles/requiemforthe_honeybee.pdf">http://beeman.ca/sitebuildercontent/sitebuilderfiles/requiemforthe_honeybee.pdf</a>
El Hassani et al.	2008	Effects of Sublethal Doses of Acetamiprid and Thiamethoxam on the Behavior of the Honeybee ( <i>Apis mellifera</i> )	<a href="http://scholar.google.com/scholar?q=Effects+of+Sublethal+Doses+of+Acetamiprid+and+Thiamethoxam+on+the+Behavior+of+the+Honeybee+(Apis+mellifera)&amp;hl=en&amp;as_sdt=0&amp;as_vis=1&amp;oi=scholar&amp;sa=X&amp;ved=0CBsQgQMwAGoVChMImK6A5rz8xwIVw3Y-Ch0TmgN6">http://scholar.google.com/scholar?q=Effects+of+Sublethal+Doses+of+Acetamiprid+and+Thiamethoxam+on+the+Behavior+of+the+Honeybee+(Apis+mellifera)&amp;hl=en&amp;as_sdt=0&amp;as_vis=1&amp;oi=scholar&amp;sa=X&amp;ved=0CBsQgQMwAGoVChMImK6A5rz8xwIVw3Y-Ch0TmgN6</a>
Lounsbury	2008	Pollinators and Pesticides Escalating crisis demands action	<a href="http://beyondpesticides.org/info/services/pesticidesandyou/Fall08/pollinators.pdf">http://beyondpesticides.org/info/services/pesticidesandyou/Fall08/pollinators.pdf</a>
Yang et al.	2008	Abnormal Foraging Behavior Induced by Sublethal Dosage of Imidacloprid in the Honey Bee	<a href="http://jee.oxfordjournals.org/content/101/6/1743.abstract">http://jee.oxfordjournals.org/content/101/6/1743.abstract</a>
Kindemba	2009	The impact of neonicotinoid insecticides on bumblebees, Honey bees and other non-target invertebrates (revised)	<a href="http://www.beyondpesticides.org/pollinators/Neonicotinoid%20insecticides%20report-1.pdf">http://www.beyondpesticides.org/pollinators/Neonicotinoid%20insecticides%20report-1.pdf</a>
Skerl et al.	2009	Residues of Pesticides in Honeybee ( <i>Apis mellifera carnica</i> ) Bee Bread and in Pollen Loads from Treated Apple Orchards	<a href="http://link.springer.com/article/10.1007/s00128-009-9762-0">http://link.springer.com/article/10.1007/s00128-009-9762-0</a>
Toth	2009	Lethal and sublethal effects of imidacloprid and amitraz on <i>Apis mellifera</i> Linnaeus (Hymenoptera: Apidae) larvae and pupae	<a href="http://etd.fcla.edu/UF/UFE0024135/toth_p.pdf">http://etd.fcla.edu/UF/UFE0024135/toth_p.pdf</a>
Alaux et al.	2010	Interactions between <i>Nosema</i> microspores and a neonicotinoid weaken honeybees ( <i>Apis mellifera</i> )	<a href="http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2847190/">http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2847190/</a>
Bacandritsos et al.	2010	Sudden deaths and colony population decline in Greek honey bee colonies	<a href="http://www.sciencedirect.com/science/article/pii/S0022201110001990">http://www.sciencedirect.com/science/article/pii/S0022201110001990</a>
Johnson et al.	2010	Pesticides and honey bee toxicity -- USA	<a href="http://link.springer.com/article/10.1051/2Fapido%2F2010018">http://link.springer.com/article/10.1051/2Fapido%2F2010018</a>
Mullin et al.	2010	High Levels of Miticides and Agrochemicals in North American Apiaries: Implications for Honey Bee Health	<a href="http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0009754">http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0009754</a>

Orantes-Bermejo et al.	2010	Pesticide residues in beeswax and beebread samples collected from honey bee colonies ( <i>Apis mellifera</i> ) in Spain. Possible implications for bee losses	<a href="http://www.tandfonline.com/doi/abs/10.3896/IBRA.1.49.3.03">http://www.tandfonline.com/doi/abs/10.3896/IBRA.1.49.3.03</a>
Tremolada et al.	2010	Field Trial for Evaluating the Effects on Honeybees of Corn Sown Using Cruiser and Celest XL Treated Seeds	<a href="http://link.springer.com/article/10.1007/s00128-010-0066-1#page-1">http://link.springer.com/article/10.1007/s00128-010-0066-1#page-1</a>
APENET	2011	Effects of coated maize seed on honey bees	<a href="http://www.reterurale.it/downloads/APENET_2010_Report_EN%2006_11.pdf">http://www.reterurale.it/downloads/APENET_2010_Report_EN%2006_11.pdf</a>
Cresswell	2011	A meta-analysis of experiments testing the effects of a neonicotinoid insecticide (imidacloprid) on honey bees	<a href="http://link.springer.com/article/10.1007/s10646-010-0566-0">http://link.springer.com/article/10.1007/s10646-010-0566-0</a>
Reetz et al.	2011	Neonicotinoid insecticides translocated in guttated droplets of seed-treated maize and wheat: a threat to honeybees?	<a href="http://link.springer.com/article/10.1007/s13592-011-0049-1">http://link.springer.com/article/10.1007/s13592-011-0049-1</a>
Vidau et al.	2011	Exposure to Sublethal Doses of Fipronil and Thiacloprid Highly Increases Mortality of Honeybees Previously Infected by <i>Nosema ceranae</i>	<a href="http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0021550">http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0021550</a>
Wu et al.	2011	Sub-Lethal Effects of Pesticide Residues in Brood Comb on Worker Honey Bee ( <i>Apis mellifera</i> ) Development and Longevity	<a href="http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0014720">http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0014720</a>
Aufauvre et al.	2012	Parasite-insecticide interactions: a case study of <i>Nosema ceranae</i> and fipronil synergy on honeybee	<a href="http://www.nature.com/srep/2012/120322/srep00326/full/srep00326.html?WT.i_dcsvid=8954534-MjlxNjEzNTE5NDUS1&amp;WT.ec_id=MARKETING&amp;WT.mc_id=SR1204CEBIO312">http://www.nature.com/srep/2012/120322/srep00326/full/srep00326.html?WT.i_dcsvid=8954534-MjlxNjEzNTE5NDUS1&amp;WT.ec_id=MARKETING&amp;WT.mc_id=SR1204CEBIO312</a>
Badiou-Beneteau et al.	2012	Development of biomarkers of exposure to xenobiotics in the honey bee <i>Apis mellifera</i> : Application to the systemic insecticide thiamethoxam	<a href="http://www.sciencedirect.com/science/article/pii/S0147651312001558">http://www.sciencedirect.com/science/article/pii/S0147651312001558</a>
Belzunces et al.	2012	Neural effects of insecticides in the honey bee	<a href="http://link.springer.com/article/10.1007/s13592-012-0134-0">http://link.springer.com/article/10.1007/s13592-012-0134-0</a>
Breeze et al.	2012	The Decline of England's Bees: Policy Review and Recommendations	<a href="http://www.foe.co.uk/sites/default/files/downloads/beesreport.pdf">http://www.foe.co.uk/sites/default/files/downloads/beesreport.pdf</a>
Eiri & Nieh	2012	A nicotinic acetylcholine receptor agonist affects honey bee sucrose responsiveness and decreases waggle dancing	<a href="http://jeb.biologists.org/content/215/12/2022.short">http://jeb.biologists.org/content/215/12/2022.short</a>

Farooqui	2012	A potential link between biogenic amines-based pesticides, learning and memory, and colony collapse disorder: A unique hypothesis	<a href="http://www.sciencedirect.com/science/article/pii/S0197018612003051">http://www.sciencedirect.com/science/article/pii/S0197018612003051</a>
Gill et al.	2012	Combined pesticide exposure severely affects individual- and colony-level traits in bees	<a href="http://www.nature.com/nature/journal/v491/n7422/abs/nature11585.html">http://www.nature.com/nature/journal/v491/n7422/abs/nature11585.html</a>
Henry et al.	2012	A Common Pesticide Decreases Foraging Success and Survival in Honey Bees	<a href="http://www.sciencemag.org/content/336/6079/348.short">http://www.sciencemag.org/content/336/6079/348.short</a> <a href="https://openagrar.bmel-forschung.de/servlets/MCRFileNoDeServlet/Document_derivate_00008457/2012-Pistorius.pdf">https://openagrar.bmel-forschung.de/servlets/MCRFileNoDeServlet/Document_derivate_00008457/2012-Pistorius.pdf</a>
Joachimsmeier et al.	2012	Guttation and risk for honey bee colonies: Use of guttation drops by honey bees after migration of colonies - a field study	<a href="http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0029268">http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0029268</a>
Krupke et al.	2012	Multiple Routes of Exposure for Honey Bees Living Near Agricultural Fields	<a href="http://onlinelibrary.wiley.com/doi/10.1002/tox.21842/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false">http://onlinelibrary.wiley.com/doi/10.1002/tox.21842/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false</a>
Oliveira et al.	2012	Side-Effects of Thiamethoxam on the Brain and Midgut of the Africanized Honeybee <i>Apis mellifera</i>	<a href="http://link.springer.com/article/10.1007/s00114-011-0881-1">http://link.springer.com/article/10.1007/s00114-011-0881-1</a>
Pettis et al.	2012	Pesticide exposure in honey bees results in increased levels of the gut pathogen <i>Nosema</i>	<a href="http://www.moraybeedinosaurs.co.uk/neonicotinoid/Effects%20of%20neonicotinoid%20dust%20from%20maize%20seed-dressingon%20honey%20bees.pdf">http://www.moraybeedinosaurs.co.uk/neonicotinoid/Effects%20of%20neonicotinoid%20dust%20from%20maize%20seed-dressingon%20honey%20bees.pdf</a>
Sgolastra et al.	2012	Effects of neonicotinoid dust from maize seed-dressing on honey bees	<a href="http://www.sciencemag.org/content/335/6076/1555.short">http://www.sciencemag.org/content/335/6076/1555.short</a>
Stokstad	2012	Field Research on Bees Raises Concern About Low-Dose Pesticides (Science Magazine News Article)	<a href="http://www.dbpia.co.kr/Journal/ArticleDetail/2163286">http://www.dbpia.co.kr/Journal/ArticleDetail/2163286</a>
Taniguchi et al.	2012	Honeybee Colony Losses during 2008-2010 Caused by Pesticide Application in Japan	<a href="http://pubs.acs.org/doi/abs/10.1021/es2035152">http://pubs.acs.org/doi/abs/10.1021/es2035152</a>
Tapparo et al.	2012	Assessment of the Environmental Exposure of Honeybees to Particulate Matter Containing Neonicotinoid Insecticides Coming from Corn Coated Seeds	<a href="http://www.sciencedirect.com/science/article/pii/S0022201112000080">http://www.sciencedirect.com/science/article/pii/S0022201112000080</a>
Wu et al.	2012	Honey bees ( <i>Apis mellifera</i> ) reared in brood combs containing high levels of pesticide residues exhibit increased susceptibility to <i>Nosema</i> (Microsporidia) infection	

Yamada et al.	2012	Influence of dinotefuran and clothianidin on a bee colony	<a href="http://dspace.lib.kanazawa-u.ac.jp/dspace/handle/2297/37606">http://dspace.lib.kanazawa-u.ac.jp/dspace/handle/2297/37606</a>
Yang et al.	2012	Impaired Olfactory Associative Behavior of Honeybee Workers Due to Contamination of Imidacloprid in the Larval Stage	<a href="http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0049472">http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0049472</a>
Taniguchi et al.	2012	Honeybee Colony Losses during 2008~2010 Caused by Pesticide Application in Japan	<a href="http://www.farmlandbirds.net/sites/default/files/2016-07/Honeybee_Colony_Losses_during_2008~2010_Caused_by_Pesticide_Application_in_J.pdf">http://www.farmlandbirds.net/sites/default/files/2016-07/Honeybee_Colony_Losses_during_2008~2010_Caused_by_Pesticide_Application_in_J.pdf</a>
Dively & Kamel	2012	Insecticide Residues in Pollen and Nectar of a Cucurbit Crop and Their Potential Exposure to Pollinators	<a href="http://pubs.acs.org/doi/abs/10.1021/jf205393x">http://pubs.acs.org/doi/abs/10.1021/jf205393x</a>
Pochi et al.	2012	Potential Exposure of Bees, <i>Apis mellifera</i> L., to Particulate Matter and Pesticides Derived from Seed Dressing During Maize Sowing	<a href="http://link.springer.com/article/10.1007/s00128-012-0664-1#page-1">http://link.springer.com/article/10.1007/s00128-012-0664-1#page-1</a>
Tapparo et al.	2012	UHPLC-DAD method for the determination of neonicotinoid insecticides in single bees and its relevance in honeybee colony loss investigations	<a href="http://link.springer.com/article/10.1007/s00216-012-6338-3#page-1">http://link.springer.com/article/10.1007/s00216-012-6338-3#page-1</a>
Becher et al.	2013	Towards a systems approach for understanding honeybee decline: a stocktaking and synthesis of existing models	<a href="http://onlinelibrary.wiley.com/doi/10.1111/1365-2664.12112/full">http://onlinelibrary.wiley.com/doi/10.1111/1365-2664.12112/full</a>
Belzunces et al.	2013	Laboratory approach to study toxicopathological interactions in the honey bee <i>Apis mellifera</i>	<a href="https://hal.archives-ouvertes.fr/hal-00822429/">https://hal.archives-ouvertes.fr/hal-00822429/</a>
Burkle et al.	2013	Plant-Pollinator Interactions over 120 Years: Loss of Species, Co-Occurrence and Function	<a href="http://www.sciencemag.org/content/339/6127/1611.short">http://www.sciencemag.org/content/339/6127/1611.short</a>
Byrne et al.	2013	Determination of exposure levels of honey bees foraging on flowers of mature citrus trees previously treated with imidacloprid	<a href="http://onlinelibrary.wiley.com/doi/10.1002/ps.3596/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false">http://onlinelibrary.wiley.com/doi/10.1002/ps.3596/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false</a>
Costa et al.	2013	Toxicity of insecticides used in the Brazilian melon crop to the honey bee <i>Apis mellifera</i> under laboratory conditions	<a href="http://link.springer.com/article/10.1007/s13592-013-0226-5">http://link.springer.com/article/10.1007/s13592-013-0226-5</a>
Cutler et al.	2013	Honey bees, neonicotinoids, and bee incident reports: the Canadian situation	<a href="http://onlinelibrary.wiley.com/doi/10.1002/ps.3613/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false">http://onlinelibrary.wiley.com/doi/10.1002/ps.3613/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false</a>

Derecka et al.	2013	Transient exposure to low levels of insecticide affects metabolic networks of honey bee larvae	<a href="http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0068191">http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0068191</a>
Di Prisco et al.	2013	Neonicotinoid clothianidin adversely affects insect immunity and promotes replication of a viral pathogen in honey bees	<a href="http://www.pnas.org/content/110/46/18466.short">http://www.pnas.org/content/110/46/18466.short</a>
Goulson	2013	An overview of the environmental risks posed by neonicotinoid insecticides	<a href="http://onlinelibrary.wiley.com/doi/10.1111/1365-2664.12111/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false">http://onlinelibrary.wiley.com/doi/10.1111/1365-2664.12111/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false</a>
Gross	2013	EU ban puts spotlight on complex effects of neonicotinoids	<a href="http://www.sciencedirect.com/science/article/pii/S0960982213006258">http://www.sciencedirect.com/science/article/pii/S0960982213006258</a>
Hatjina et al.	2013	Sublethal doses of imidacloprid decreased size of hypopharyngeal glands and respiratory rhythm of honeybees in vivo	<a href="http://link.springer.com/article/10.1007/s13592-013-0199-4">http://link.springer.com/article/10.1007/s13592-013-0199-4</a>
Mao et al.	2013	Honey constituents up-regulate detoxification and immunity genes in the western honey bee <i>Apis mellifera</i>	<a href="http://www.pnas.org/content/110/22/8842.short">http://www.pnas.org/content/110/22/8842.short</a>
Matsumoto	2013	Reduction in homing flights in the honey bee <i>Apis mellifera</i> after a sublethal dose of neonicotinoid insecticides	<a href="http://www.bulletinofinsectology.org/pdfarticles/vol66-2013-001-009matsumoto.pdf">http://www.bulletinofinsectology.org/pdfarticles/vol66-2013-001-009matsumoto.pdf</a>
Maxim & van der Sluijs	2013	16 Seed-dressing systemic insecticides and honeybees	<a href="http://www.beekeeping.com/articles/us/late_lessons_from_early_warnings_2.pdf">http://www.beekeeping.com/articles/us/late_lessons_from_early_warnings_2.pdf</a>
Palmer et al.	2013	Cholinergic pesticides cause mushroom body neuronal inactivation in honeybees	<a href="http://www.nature.com/ncomms/journal/v4/n3/abs/ncomms2648.html">http://www.nature.com/ncomms/journal/v4/n3/abs/ncomms2648.html</a>
Pettis et al.	2013	Crop pollination exposes honey bees to pesticides which alters their susceptibility to the gut pathogen <i>Nosema ceranae</i>	<a href="http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0070182">http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0070182</a>
Stoner & Eitzer	2013	Using a hazard quotient to evaluate pesticide residues detected in pollen trapped from honey bees ( <i>Apis mellifera</i> ) in Connecticut	<a href="http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0077550">http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0077550</a>
Suryanarayanan	2013	Balancing control and complexity in field studies of neonicotinoids and honey bee health	<a href="http://www.mdpi.com/2075-4450/4/1/153/htm">http://www.mdpi.com/2075-4450/4/1/153/htm</a>
Williamson & Wright	2013	Exposure to multiple cholinergic pesticides impairs olfactory learning and memory in honeybees	<a href="http://jeb.biologists.org/content/216/10/1799.short">http://jeb.biologists.org/content/216/10/1799.short</a>

Boily et al.	2013	Acetylcholinesterase in honey bees ( <i>Apis mellifera</i> ) exposed to neonicotinoids, atrazine and glyphosate: laboratory and field experiments.	<a href="https://www.ncbi.nlm.nih.gov/pubmed/28363041">https://www.ncbi.nlm.nih.gov/pubmed/28363041</a>
Aufauvre et al.	2014	Transcriptome Analyses of the Honeybee Response to <i>Nosema ceranae</i> and Insecticides	<a href="http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0091686">http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0091686</a>
Bijleveld van Lexmond et al.	2014	Worldwide integrated assessment on systemic pesticides	<a href="http://link.springer.com/article/10.1007/s11356-014-3220-1">http://link.springer.com/article/10.1007/s11356-014-3220-1</a>
Blatzheim et al.	2014	The Neonicotinoid Pesticide Thiamethoxam Affects Motor Responses and Foraging Behavior of Honey Bees	<a href="http://www.sicb.org/meetings/2014/schedule/abstractdetails.php?id=690">http://www.sicb.org/meetings/2014/schedule/abstractdetails.php?id=690</a>
Chagnon et al.	2014	Risks of large-scale use of systemic insecticides to ecosystem functioning and services	<a href="http://link.springer.com/article/10.1007/s11356-014-3277-x">http://link.springer.com/article/10.1007/s11356-014-3277-x</a>
Danner et al.	2014	Maize pollen foraging by honey bees in relation to crop area and landscape context	<a href="http://www.sciencedirect.com/science/article/pii/S1439179114001108">http://www.sciencedirect.com/science/article/pii/S1439179114001108</a>
Doublet et al.	2014	Bees under stress: sublethal doses of a neonicotinoid pesticide and pathogens interact to elevate honey bee mortality across the life cycle	<a href="http://onlinelibrary.wiley.com/doi/10.1111/1462-2920.12426/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false">http://onlinelibrary.wiley.com/doi/10.1111/1462-2920.12426/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false</a>
Fairbrother et al.	2014	Risks of Neonicotinoid Insecticides to Honeybees	<a href="http://onlinelibrary.wiley.com/doi/10.1002/etc.2527/full">http://onlinelibrary.wiley.com/doi/10.1002/etc.2527/full</a>
Fischer et al.	2014	Neonicotinoids Interfere with Specific Components of Navigation in Honeybees	<a href="http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0091364">http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0091364</a>
Godfray et al.	2014	A restatement of the natural science evidence base concerning neonicotinoid insecticides and insect pollinators	<a href="http://classic.rspb.royalsocietypublishing.org/content/281/1786/20140558.short">http://classic.rspb.royalsocietypublishing.org/content/281/1786/20140558.short</a>
Johnson & Pettis	2014	A Survey of Imidacloprid Levels in Water Sources Potentially Frequented by Honeybees ( <i>Apis mellifera</i> ) in the Eastern USA	<a href="http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4246131/">http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4246131/</a>
Kasiotis et al.	2014	Pesticide residues in honeybees, honey and bee pollen by LC–MS/MS screening: Reported death incidents in honeybees	<a href="http://www.sciencedirect.com/science/article/pii/S0048969714003726">http://www.sciencedirect.com/science/article/pii/S0048969714003726</a>
Lu et al.	2014	Sub-lethal exposure to neonicotinoids impaired honey bees winterization before proceeding to colony collapse disorder	<a href="http://pesticidetruths.com/wp-content/uploads/2014/08/Reference-PCP-Bees-2014-03-27-Chensheng-Lu-Lunatic-Report-On-Sub-Lethal-That-Impaired-Honey-Bees-Italy.pdf">http://pesticidetruths.com/wp-content/uploads/2014/08/Reference-PCP-Bees-2014-03-27-Chensheng-Lu-Lunatic-Report-On-Sub-Lethal-That-Impaired-Honey-Bees-Italy.pdf</a>

Mullin et al.	2014	The formulation makes the honey bee poison	<a href="http://www.sciencedirect.com/science/article/pii/S0048357514002533">http://www.sciencedirect.com/science/article/pii/S0048357514002533</a>
Nazzi et al.	2014	Honeybee immunity and colony losses	<a href="http://entomologia.pagepress.org/index.php/entomologia/article/view/203">http://entomologia.pagepress.org/index.php/entomologia/article/view/203</a>
Nicodemo et al.	2014	Fipronil and imidacloprid reduce honeybee mitochondrial activity	<a href="http://onlinelibrary.wiley.com/doi/10.1002/etc.2655/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false">http://onlinelibrary.wiley.com/doi/10.1002/etc.2655/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false</a>
Sanchez-Bayo & Goka	2014	Pesticide Residues and Bees – A Risk Assessment	<a href="http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0094482">http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0094482</a>
Sandrock et al.	2014	Impact of Chronic Neonicotinoid Exposure on Honeybee Colony Performance and Queen Supersedure	<a href="http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0103592">http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0103592</a>
Schmehl et al.	2014	Genomic analysis of the interaction between pesticide exposure and nutrition in honey bees ( <i>Apis mellifera</i> )	<a href="http://www.sciencedirect.com/science/article/pii/S0022191014001978">http://www.sciencedirect.com/science/article/pii/S0022191014001978</a>
van der Sluijs et al.	2014	Conclusions of the Worldwide Integrated Assessment on the risks of neonicotinoids and fipronil to biodiversity and ecosystem functioning	<a href="http://link.springer.com/article/10.1007/s11356-014-3229-5#page-1">http://link.springer.com/article/10.1007/s11356-014-3229-5#page-1</a>
Williamson et al.	2014	Exposure to neonicotinoids influences the motor function of adult worker honeybees	<a href="http://www.ncbi.nlm.nih.gov/pubmed/25011924">http://www.ncbi.nlm.nih.gov/pubmed/25011924</a>
Kimura et al.	2014	Examination of mass honey bee death at the entrance to hives in a paddy rice production district in Japan: the influence of insecticides sprayed on nearby rice fields	<a href="http://www.tandfonline.com/doi/abs/10.3896/IBRA.1.53.5.12">http://www.tandfonline.com/doi/abs/10.3896/IBRA.1.53.5.12</a>
Alburaki et al.	2015	Neonicotinoid-Coated Zea mays Seeds Indirectly Affect Honeybee Performance and Pathogen Susceptibility in Field Trials	<a href="http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0125790">http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0125790</a>
Badawy et al.	2015	Toxicity and biochemical changes in the honey bee <i>Apis mellifera</i> exposed to four insecticides under laboratory conditions	<a href="http://link.springer.com/article/10.1007%2Fs13592-014-0315-0">http://link.springer.com/article/10.1007%2Fs13592-014-0315-0</a>
Berenbaum	2015	Does the Honey Bee “Risk Cup” Runneth Over? Estimating Aggregate Exposures for Assessing Pesticide Risks to Honey Bees in Agroecosystems	<a href="http://www.ncbi.nlm.nih.gov/pubmed/25885594">http://www.ncbi.nlm.nih.gov/pubmed/25885594</a>



Biocca et al.	2015	The assessment of dust drift from pneumatic drills using static tests and in-field validation	<a href="http://www.sciencedirect.com/science/article/pii/S0261219415000563">http://www.sciencedirect.com/science/article/pii/S0261219415000563</a>
Da Silva et al.	2015	Pesticide exposure of honeybees ( <i>Apis mellifera</i> ) pollinating melon crops	<a href="http://link.springer.com/article/10.1007%2Fs13592-015-0360-3">http://link.springer.com/article/10.1007%2Fs13592-015-0360-3</a>
Dively et al.	2015	Assessment of Chronic Sublethal Effects of Imidacloprid on Honey Bee Colony Health	<a href="http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0118748">http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0118748</a>
EA SAC	2015	Ecosystem services, agriculture and neonicotinoids	<a href="http://www.easac.eu/home/reports-and-statements/detail-view/article/ecosystem-se.html">http://www.easac.eu/home/reports-and-statements/detail-view/article/ecosystem-se.html</a>
Goulson et al.	2015	Bee declines driven by combined stress from parasites, pesticides, and lack of flowers	<a href="http://www.sciencemag.org/content/347/6229/1255957.short">http://www.sciencemag.org/content/347/6229/1255957.short</a>
Heimbach et al.	2015	Dust drift during sowing of pesticides treated seeds – imission in adjacent areas and effects on honey bees	<a href="http://www.researchgate.net/publication/276266651_Dust_drift_during_sowing_of_pesticides_treated_seeds_ission_in_adjacent_areas_and_effects_on_honey_bees">http://www.researchgate.net/publication/276266651_Dust_drift_during_sowing_of_pesticides_treated_seeds_ission_in_adjacent_areas_and_effects_on_honey_bees</a>
Krupke & Long	2015	Intersections between neonicotinoid seed treatments and honey bees	<a href="http://www.moraybeedinosaurs.co.uk/neonicotinoid/Intersection%20between%20neonicotinoid%20seed%20treatments%20and%20honey%20bees.pdf">http://www.moraybeedinosaurs.co.uk/neonicotinoid/Intersection%20between%20neonicotinoid%20seed%20treatments%20and%20honey%20bees.pdf</a>
Li et al.	2015	Neonicotinoid insecticide interact with honeybee 1 odorant-binding 2 protein: implication for olfactory dysfunction	<a href="http://www.ncbi.nlm.nih.gov/pubmed/26318218">http://www.ncbi.nlm.nih.gov/pubmed/26318218</a>
Lu et al.	2015	Distributions of neonicotinoid insecticides in the Commonwealth of Massachusetts: a temporal and spatial variation analysis for pollen and honey samples	<a href="http://www.publish.csiro.au/paper/EN15064.htm">http://www.publish.csiro.au/paper/EN15064.htm</a>
Nahar & Ohtani	2015	Imidacloprid and Fipronil induced abnormal behavior and disturbed homing of forager honey bees <i>Apis mellifera</i>	<a href="http://www.entomoljournal.com/vol3Issue2/pdf/3-2-33.1.pdf">http://www.entomoljournal.com/vol3Issue2/pdf/3-2-33.1.pdf</a>
Poquet et al.	2015	Wings as a new route of exposure to pesticides in the honey bee	<a href="http://www.ncbi.nlm.nih.gov/pubmed/25867802">http://www.ncbi.nlm.nih.gov/pubmed/25867802</a>
Tan et al.	2015	A neonicotinoid impairs olfactory learning in Asian honey bees ( <i>Apis cerana</i> ) exposed as larvae or as adults	<a href="http://www.nature.com/articles/srep10989">http://www.nature.com/articles/srep10989</a>
Tavares et al.	2015	In vitro effects of thiamethoxam on larvae of Africanized honey bee <i>Apis mellifera</i> (Hymenoptera: Apidae)	<a href="http://www.ncbi.nlm.nih.gov/pubmed/25985214">http://www.ncbi.nlm.nih.gov/pubmed/25985214</a>

van der Zee et al.	2015	An Observational Study of Honey Bee Colony Winter Losses and Their Association with Varroa destructor, Neonicotinoids and Other Risk Factors	<a href="http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0131611">http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0131611</a>
Zaluski et al.	2015	Fipronil promotes motor and behavioral changes in honey bees (Apis mellifera) and affects the development of colonies exposed to sublethal doses	<a href="http://onlinelibrary.wiley.com/doi/10.1002/etc.2889/abstract">http://onlinelibrary.wiley.com/doi/10.1002/etc.2889/abstract</a>
League of Women Voters, Minnesota	2015	The Impact of Neonicotinoids on Honey Bees Briefing Paper – November 2015	<a href="https://www.lwvnmn.org/sites/default/files/downloads/LWVMN%20Bee%20Briefing%20Paper%20(1).pdf">https://www.lwvnmn.org/sites/default/files/downloads/LWVMN%20Bee%20Briefing%20Paper%20(1).pdf</a>
Charreton et al.	2015	A Locomotor Deficit Induced by Sublethal Doses of Pyrethroid and Neonicotinoid Insecticides in the Honeybee Apis mellifera	<a href="http://www.ncbi.nlm.nih.gov/pubmed/26659095">http://www.ncbi.nlm.nih.gov/pubmed/26659095</a>
Blaken et al.	2015	Interaction between Varroa destructor and imidacloprid reduces flight capacity of honeybees	<a href="http://rspsb.royalsocietypublishing.org/content/282/1820/20151738">http://rspsb.royalsocietypublishing.org/content/282/1820/20151738</a>
Kleinman and Suryanarayanan	2015	Ignorance and Industry: Agrichemicals and honey bee deaths	<a href="https://www.routledgehandbooks.com/doi/10.4324/9781315867762.ch19">https://www.routledgehandbooks.com/doi/10.4324/9781315867762.ch19</a>
Thompson	2015	Extrapolation of acute toxicity across bee species	<a href="http://www.ncbi.nlm.nih.gov/pubmed/26595163">http://www.ncbi.nlm.nih.gov/pubmed/26595163</a>
Henry et al.	2015	Reconciling laboratory and field assessments of neonicotinoid toxicity to honeybees	<a href="http://rspsb.royalsocietypublishing.org/content/282/1819/20152110.abstract">http://rspsb.royalsocietypublishing.org/content/282/1819/20152110.abstract</a>
Pistorius et al.	2015	Application of predefined doses of neonicotinoid containing dusts in field trials and acute effects on honey bees	<a href="http://www.bulletinofinsectology.org/pdfarticles/vol68-2015-161-172pistorius.pdf">http://www.bulletinofinsectology.org/pdfarticles/vol68-2015-161-172pistorius.pdf</a>
Karahan et al.	2015	Sublethal imidacloprid effects on honey bee flower choices when foraging	<a href="http://link.springer.com/article/10.1007%2Fs10646-015-1537-2">http://link.springer.com/article/10.1007%2Fs10646-015-1537-2</a>
Williams et al.	2015	Neonicotinoid pesticides severely affect honey bee queens	<a href="http://www.nature.com/articles/srep14621">http://www.nature.com/articles/srep14621</a>
Reetz et al.	2015	Uptake of Neonicotinoid Insecticides by Water-Foraging Honey Bees (Hymenoptera: Apidae) Through Guttation	<a href="http://www.ncbi.nlm.nih.gov/pubmed/26516090">http://www.ncbi.nlm.nih.gov/pubmed/26516090</a>
Wu et al.	2015	Fluid of Winter Oilseed Rape Programmed Cell Death in the Honey Bee (Apis mellifera) Worker Brain Induced by Imidacloprid	<a href="http://www.ncbi.nlm.nih.gov/pubmed/26470287">http://www.ncbi.nlm.nih.gov/pubmed/26470287</a>

Sanchez-Hernandez et al.	2015	Residues of neonicotinoids and their metabolites in honey and pollen from sunflower and maize seed dressing crops	<a href="http://www.ncbi.nlm.nih.gov/pubmed/26545338">http://www.ncbi.nlm.nih.gov/pubmed/26545338</a>
Zhu et al.	2015	Spray Toxicity and Risk Potential of 42 Commonly Used Formulations of Row Crop Pesticides to Adult Honey Bees (Hymenoptera: Apidae)	<a href="http://www.ncbi.nlm.nih.gov/pubmed/26352753">http://www.ncbi.nlm.nih.gov/pubmed/26352753</a>
Rinkevich et al.	2015	Genetics, Synergists, and Age Affect Insecticide Sensitivity of the Honey Bee, <i>Apis mellifera</i>	<a href="http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0139841">http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0139841</a>
Slowinska et al.	2015	Total antioxidant capacity of honeybee haemolymph in relation to age and exposure to pesticide, and comparison to antioxidant capacity of seminal plasma	<a href="http://link.springer.com/article/10.1007/s13592-015-0391-9?noaccess=true">http://link.springer.com/article/10.1007/s13592-015-0391-9?noaccess=true</a>
Thany et al.	2015	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> )	<a href="http://www.ncbi.nlm.nih.gov/pubmed/26466901">http://www.ncbi.nlm.nih.gov/pubmed/26466901</a>
Goñalons and Farina	2015	Effects of Sublethal Doses of Imidacloprid on Young Adult Honeybee Behaviour	<a href="http://journals.plos.org/plosone/article?id=10.1371%2Fjournal.pone.0140814">http://journals.plos.org/plosone/article?id=10.1371%2Fjournal.pone.0140814</a>
Peng and Yang	2016	Sublethal Dosage of Imidacloprid Reduces the Microglomerular Density of Honey Bee Mushroom Bodies	<a href="http://www.nature.com/articles/srep19298">http://www.nature.com/articles/srep19298</a>
Brandt et al.	2016	The neonicotinoids thiacloprid, imidacloprid, and clothianidin affect the immunocompetence of honey bees ( <i>Apis mellifera</i> L.)	<a href="http://www.sciencedirect.com/science/article/pii/S0022191016300014">http://www.sciencedirect.com/science/article/pii/S0022191016300014</a>
Codling et al.	2016	Concentrations of neonicotinoid insecticides in honey, pollen and honey bees ( <i>Apis mellifera</i> L.) in central Saskatchewan, Canada	<a href="http://www.ncbi.nlm.nih.gov/pubmed/26606186">http://www.ncbi.nlm.nih.gov/pubmed/26606186</a>
Johnston et al.	2016	Divergent forms of endoplasmic reticulum stress trigger a robust unfolded protein response in honey bees	<a href="http://www.ncbi.nlm.nih.gov/pubmed/26699660">http://www.ncbi.nlm.nih.gov/pubmed/26699660</a>

Guseman et al.	2016	Multi-Drug Resistance Transporters and a Mechanism-Based Strategy for Assessing Risks of Pesticide Combinations to Honey Bees	<a href="http://www.ncbi.nlm.nih.gov/pubmed/26840460">http://www.ncbi.nlm.nih.gov/pubmed/26840460</a>
Kiljanek et al.	2016	Multi-residue method for the determination of pesticides and pesticide metabolites in honeybees by liquid and gas chromatography coupled with tandem mass spectrometry—Honeybee poisoning incidents	<a href="http://www.sciencedirect.com/science/article/pii/S002196731630012">http://www.sciencedirect.com/science/article/pii/S002196731630012</a>
Di Prisco et al.	2016	A mutualistic symbiosis between a parasitic mite and a pathogenic virus undermines honey bee immunity and health	<a href="http://www.pnas.org/content/113/12/3203.abstract">http://www.pnas.org/content/113/12/3203.abstract</a>
Chaimanee et al.	2016	Sperm viability and gene expression in honey bee queens ( <i>Apis mellifera</i> ) following exposure to the neonicotinoid insecticide imidacloprid and the organophosphate acaricide coumaphos	<a href="http://www.ncbi.nlm.nih.gov/pubmed/26979384">http://www.ncbi.nlm.nih.gov/pubmed/26979384</a>
Abbo et al.	2016	Effects of Imidacloprid and Varroa destructor on survival and health of European honey bees, <i>Apis mellifera</i>	<a href="http://www.ncbi.nlm.nih.gov/pubmed/26990560">http://www.ncbi.nlm.nih.gov/pubmed/26990560</a>
Piironen and Goulson	2016	Chronic neonicotinoid pesticide exposure and parasite stress differentially affects learning in honeybees and bumblebees	<a href="https://www.researchgate.net/publication/299845632_Chronic_neonicotinoid_pesticide_exposure_and_parasite_stress_differentially_affects_learning_in_honeybees_and_bumblebees">https://www.researchgate.net/publication/299845632_Chronic_neonicotinoid_pesticide_exposure_and_parasite_stress_differentially_affects_learning_in_honeybees_and_bumblebees</a>
Christen et al.	2016	Molecular effects of neonicotinoids in honey bees ( <i>Apis mellifera</i> )	<a href="http://pubs.acs.org/doi/abs/10.1021/acs.est.6b00678">http://pubs.acs.org/doi/abs/10.1021/acs.est.6b00678</a>
Alkassab and Kirchner	2016	Impacts of chronic sublethal exposure to clothianidin on winter honeybees	<a href="http://link.springer.com/article/10.1007/s10646-016-1657-3">http://link.springer.com/article/10.1007/s10646-016-1657-3</a>
Long and Krupke	2016	Non-cultivated plants present a season-long route of pesticide exposure for honey bees	<a href="http://www.nature.com/articles/ncomms11629">http://www.nature.com/articles/ncomms11629</a>
Alburaki et al.	2016	Performance of honeybee colonies located in neonicotinoid-treated and untreated cornfields in Quebec	<a href="http://onlinelibrary.wiley.com/doi/10.1111/jen.12336/abstract">http://onlinelibrary.wiley.com/doi/10.1111/jen.12336/abstract</a>
Tison et al.	2016	Honey bees' behavior is impaired by chronic exposure to the neonicotinoid thiacloprid in the field	<a href="http://pubs.acs.org/doi/abs/10.1021/acs.est.6b02658">http://pubs.acs.org/doi/abs/10.1021/acs.est.6b02658</a>

Nahar & Ohtani	2016	Influence of pesticide use in fruit orchards during blooming on honeybee mortality in 4 experimental apiaries Honeybees Produce Millimolar Concentrations of Non-Neuronal Acetylcholine for Breeding: Possible Adverse Effects of Neonicotinoids	<a href="http://www.sciencedirect.com/science/article/pii/S0048969715306331">http://www.sciencedirect.com/science/article/pii/S0048969715306331</a>
Wessler et al.	2016	Sucrose Sensitivity of Honey Bees Is Differently Affected by Dietary Protein and Neonicotinoid Pesticide	<a href="http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0156886">http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0156886</a>
Demares et al.	2016	Sub-lethal effects of dietary neonicotinoid insecticide exposure on honey bee queen fecundity and colony development	<a href="http://journals.plos.org/plosone/article?id=10.1371%2Fjournal.pone.0156584">http://journals.plos.org/plosone/article?id=10.1371%2Fjournal.pone.0156584</a>
Wu-Smart and Spivak	2016	Effects of a neonicotinoid pesticide on thermoregulation of African honey bees ( <i>Apis mellifera scutellata</i> )	<a href="http://www.nature.com/articles/srep32108?WT.ec_id=SREP-704-20160830&amp;spMailingID=52176671&amp;spUserID=ODkwMTM2NjQzMwS2&amp;spJobID=985535563&amp;spReportId=OTg1NTM1NTYzS0">http://www.nature.com/articles/srep32108?WT.ec_id=SREP-704-20160830&amp;spMailingID=52176671&amp;spUserID=ODkwMTM2NjQzMwS2&amp;spJobID=985535563&amp;spReportId=OTg1NTM1NTYzS0</a>
Tosi et al.	2016	Combined neonicotinoid pesticide and parasite stress alter honeybee queens' physiology and survival	<a href="http://www.sciencedirect.com/science/article/pii/S0022191016302116">http://www.sciencedirect.com/science/article/pii/S0022191016302116</a>
Dussaubat et al.	2016	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> )	<a href="http://www.nature.com/articles/srep31430">http://www.nature.com/articles/srep31430</a>
Rolke et al.	2016	In-hive Pesticide Exposome: Assessing risks to migratory honey bees from in-hive pesticide contamination in the Eastern United States	<a href="http://link.springer.com/article/10.1007/s10646-016-1725-8">http://link.springer.com/article/10.1007/s10646-016-1725-8</a>
Traynor et al.	2016	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> )	<a href="http://www.nature.com/articles/srep33207">http://www.nature.com/articles/srep33207</a>
Schmuck and Lewis	2016	Chronic oral lethal and sub-lethal toxicities of different binary mixtures of pesticides and contaminants in bees ( <i>Apis mellifera</i> , <i>Osmia bicornis</i> and <i>Bombus terrestris</i> )	<a href="https://www.ncbi.nlm.nih.gov/pubmed/27709399">https://www.ncbi.nlm.nih.gov/pubmed/27709399</a>
Spurgeon et al.	2016		<a href="http://onlinelibrary.wiley.com/doi/10.2903/sp.efsa.2016.EN-1076/pdf">http://onlinelibrary.wiley.com/doi/10.2903/sp.efsa.2016.EN-1076/pdf</a>

Wilde et al.	2016	The influence of sublethal doses of imidacloprid on protein content and proteolytic activity in honey bees ( <i>Apis mellifera</i> L.)	<a href="http://www.tandfonline.com/doi/full/10.1080/00218839.2016.1211394">http://www.tandfonline.com/doi/full/10.1080/00218839.2016.1211394</a>
Mogren and Lundgren	2016	Neonicotinoid-contaminated pollinator strips adjacent to cropland reduce honey bee nutritional status	<a href="http://www.nature.com/articles/srep29608">http://www.nature.com/articles/srep29608</a>
Rolke et al.	2016	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> )	<a href="http://link.springer.com/article/10.1007/s10646-016-1725-8">http://link.springer.com/article/10.1007/s10646-016-1725-8</a>
Williamson and Wright	2016	Exposure to multiple cholinergic pesticides impairs olfactory learning and memory in honeybees	<a href="http://jeb.biologists.org/content/early/2013/02/04/jeb.083931">http://jeb.biologists.org/content/early/2013/02/04/jeb.083931</a>
European Food Safety Authority	2016	Peer review of the pesticide risk assessment for the active substance imidacloprid in light of confirmatory data submitted	<a href="https://www.efsa.europa.eu/en/efsajournal/pub/4607">https://www.efsa.europa.eu/en/efsajournal/pub/4607</a>
Tosi et al.	2016	Effects of a neonicotinoid pesticide on thermoregulation of African honey bees ( <i>Apis mellifera scutellata</i> )	<a href="https://www.ncbi.nlm.nih.gov/pubmed/27568395">https://www.ncbi.nlm.nih.gov/pubmed/27568395</a>
Samuelson Et al.	2016	Effect of acute pesticide exposure on bee spatial working memory using an analogue of the radial-arm maze	<a href="http://www.nature.com/articles/srep38957">http://www.nature.com/articles/srep38957</a>
Andrione et al.	2016	Neonicotinoid-induced impairment of odour coding in the honeybee	<a href="http://www.nature.com/articles/srep38110">http://www.nature.com/articles/srep38110</a>
Wessler et al.	2016	Non-neuronal acetylcholine involved in reproduction in mammals and honeybees	<a href="https://www.ncbi.nlm.nih.gov/pubmed/28072454">https://www.ncbi.nlm.nih.gov/pubmed/28072454</a>
Meikle et al.	2016	Sublethal Effects of Imidacloprid on Honey Bee Colony Growth and Activity at Three Sites in the U.S.	<a href="http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0168603">http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0168603</a>
Schick et al.	2016	An experiment on the impact of a neonicotinoid pesticide on honeybees: the value of a formal analysis of the data	<a href="https://enveurope.springeropen.com/articles/10.1186/s12302-016-0103-8">https://enveurope.springeropen.com/articles/10.1186/s12302-016-0103-8</a>
Botias et al.	2016	Response to Comment on “Neonicotinoid Residues in Wildflowers, A Potential Route of Chronic Exposure for Bees”	<a href="http://pubs.acs.org/doi/abs/10.1021/acs.est.5b06173">http://pubs.acs.org/doi/abs/10.1021/acs.est.5b06173</a>

Goulson	2017	The Environmental Risks of neonicotinoid pesticides: a review of the evidence post-2013 Influence of Varroa Mite (Varroa destructor)	<a href="http://biorxiv.org/content/biorxiv/early/2017/01/06/098897.full.pdf">http://biorxiv.org/content/biorxiv/early/2017/01/06/098897.full.pdf</a>
Rinkevich et al.	2017	Management Practices on Insecticide Sensitivity in the Honey Bee ( <i>Apis mellifera</i> )	<a href="http://www.mdpi.com/2075-4450/8/1/9">http://www.mdpi.com/2075-4450/8/1/9</a>
Silvina et al.	2017	Neonicotinoids transference from the field to the hive by honey bees: Towards a pesticide residues biomonitor	<a href="https://www.researchgate.net/publication/312134013_Neonicotinoids_transference_from_the_field_to_the_hive_by_honey_bees_Towards_a_pesticide_residues_biomonitor">https://www.researchgate.net/publication/312134013_Neonicotinoids_transference_from_the_field_to_the_hive_by_honey_bees_Towards_a_pesticide_residues_biomonitor</a>
Chen et al.	2017	Risk assessment of various insecticides used for management of Asian citrus psyllid, <i>Diaphorina citri</i> in Florida citrus, against honey bee, <i>Apis mellifera</i>	<a href="http://link.springer.com/article/10.1007/s10646-017-1768-5">http://link.springer.com/article/10.1007/s10646-017-1768-5</a>
Lalone et al.	2017	Weight of evidence evaluation of a network of adverse outcome pathways linking activation of the nicotinic acetylcholine receptor in honey bees to colony death	<a href="http://www.sciencedirect.com/science/article/pii/S0048969717301250">http://www.sciencedirect.com/science/article/pii/S0048969717301250</a>
Hernandez-Lopez et al.	2017	Sublethal pesticide doses negatively affect survival and the cellular responses in American foulbrood-infected honeybee larvae	<a href="http://www.nature.com/articles/srep40853">http://www.nature.com/articles/srep40853</a>
De Smet et al.	2017	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	<a href="http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0171529">http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0171529</a>
Mao W. et al.	2017	Disruption of quercetin metabolism by fungicide affects energy production in honey bees ( <i>Apis mellifera</i> )	<a href="http://www.pnas.org/content/114/10/2538.abstract">http://www.pnas.org/content/114/10/2538.abstract</a>
Yasuda et al.	2017	Insecticide Susceptibility in Asian Honey Bees ( <i>Apis cerana</i> (Hymenoptera: Apidae)) and Implications for Wild Honey Bees in Asia	<a href="https://academic.oup.com/jee/article/doi/10.1093/jee/tox032/3001944/Insecticide-Susceptibility-in-Asian-Honey-Bees">https://academic.oup.com/jee/article/doi/10.1093/jee/tox032/3001944/Insecticide-Susceptibility-in-Asian-Honey-Bees</a>

Thorbeck et al.	2017	Colony impact of pesticide induced sublethal effects on honeybee workers: a simulation study using beehave	<a href="http://onlinelibrary.wiley.com/doi/10.1002/etc.3581/abstract">http://onlinelibrary.wiley.com/doi/10.1002/etc.3581/abstract</a>
Alburaki et al.	2017	Landscape and pesticide effects on honey bees: forager survival and expression of acetylcholinesterase and brain oxidative genes	<a href="https://link.springer.com/article/10.1007/s13592-017-0497-3">https://link.springer.com/article/10.1007/s13592-017-0497-3</a>
Li et al.	2017	Sublethal doses of neonicotinoid imidacloprid can interact with honey bee chemosensory protein 1 (CSP1) and inhibit its function	<a href="https://www.ncbi.nlm.nih.gov/pubmed/28315331">https://www.ncbi.nlm.nih.gov/pubmed/28315331</a>
McCurdy et al.	2017	Dew from Warm-Season Turfgrasses as a Possible Route for Pollinator Exposure to Lawn-Applied Imidacloprid	<a href="https://dl.sciencesocieties.org/publications/cftm/abstracts/3/1/cftm2016.09.0063">https://dl.sciencesocieties.org/publications/cftm/abstracts/3/1/cftm2016.09.0063</a>
Blacquière & van der Steen	2017	Three years of banning neonicotinoid insecticides based on sub-lethal effects: can we expect to see effects on bees?	<a href="http://onlinelibrary.wiley.com/doi/10.1002/ps.4583/abstract">http://onlinelibrary.wiley.com/doi/10.1002/ps.4583/abstract</a>
Tosi et al.	2017	A common neonicotinoid pesticide, thiamethoxam, impairs honey bee flight ability	<a href="https://www.nature.com/articles/s41598-017-01361-8">https://www.nature.com/articles/s41598-017-01361-8</a>
Grillone et al.	2017	Toxicity of thiametoxam on in vitro reared honey bee brood	<a href="https://link.springer.com/article/10.1007%2Fs13592-017-0506-6">https://link.springer.com/article/10.1007%2Fs13592-017-0506-6</a>
McArt et al.	2017	High pesticide risk to honey bees despite low focal crop pollen collection during pollination of a mass blooming crop	<a href="https://www.nature.com/articles/srep46554">https://www.nature.com/articles/srep46554</a>

## Vild Bee Studies

Author	Year	Title	Link
Evans et al.	2008	Status Review of Three Formerly Common Species of Bumble Bee in the Subgenus <i>Bombus</i>	<a href="http://www.xerces.org/wp-content/uploads/2008/12/xerces_2008_bombus_status_review1.pdf">http://www.xerces.org/wp-content/uploads/2008/12/xerces_2008_bombus_status_review1.pdf</a>
Lounsbury	2008	Pollinators and Pesticides Escalating crisis demands action	<a href="http://beyondpesticides.org/info/services/pesticidesandyou/Fall08/pollinators.pdf">http://beyondpesticides.org/info/services/pesticidesandyou/Fall08/pollinators.pdf</a>
Girolami et al.	2009	Translocation of Neonicotinoid Insecticides from Coated Seeds to Seedling Guttation Drops: A Novel Way of Intoxication for Bees	<a href="http://www.bioone.org/doi/abs/10.1603/029.102.0511">http://www.bioone.org/doi/abs/10.1603/029.102.0511</a>



Kindemba	2009	The impact of neonicotinoid insecticides on bumblebees, Honey bees and other non-target invertebrates (revised)	<a href="http://www.beyondpesticides.org/pollinators/Neonicotinoid%20insecticides%20report-1.pdf">http://www.beyondpesticides.org/pollinators/Neonicotinoid%20insecticides%20report-1.pdf</a>
Scott-Dupree et al.	2009	Impact of Currently Used or Potentially Useful Insecticides for Canola Agroecosystems on <i>Bombus impatiens</i> , <i>Megachile rotundata</i> , and <i>Osmia lignaria</i>	<a href="http://jee.oxfordjournals.org/content/102/1/177.abstract">http://jee.oxfordjournals.org/content/102/1/177.abstract</a>
Mommaerts et al.	2010	Risk assessment for side-effects of neonicotinoids against bumblebees with and without impairing foraging behavior	<a href="http://www.ncbi.nlm.nih.gov/pubmed/19757031">http://www.ncbi.nlm.nih.gov/pubmed/19757031</a>
Tennekes	2010	The systemic insecticides: a disaster in the making	<a href="http://www.disasterinthemaking.com/">http://www.disasterinthemaking.com/</a>
Hoy et al.	2011	Observations of <i>Brachygnathia Superior</i> in Wild Ruminants in Western Montana, USA	<a href="http://socpvs.org/journals/index.php/wbp/article/viewFile/10.2461-wbp.2011.7.13/252">http://socpvs.org/journals/index.php/wbp/article/viewFile/10.2461-wbp.2011.7.13/252</a>
Mommaerts & Smaghe	2011	Side-Effects of Pesticides on the Pollinator <i>Bombus</i> : An Overview	<a href="http://www.intechopen.com/books/pesticides-in-the-modern-world-pests-control-and-pesticides-exposure-and-toxicity-assessment/side-effects-of-pesticides-on-the-pollinator-bombus-an-overview">http://www.intechopen.com/books/pesticides-in-the-modern-world-pests-control-and-pesticides-exposure-and-toxicity-assessment/side-effects-of-pesticides-on-the-pollinator-bombus-an-overview</a>
Blacquiere et al.	2012	Neonicotinoids in bees: a review on concentrations, side-effects and risk assessment	<a href="http://link.springer.com/article/10.1007/s10646-012-0863-x">http://link.springer.com/article/10.1007/s10646-012-0863-x</a>
Breeze et al.	2012	The Decline of England's Bees: Policy Review and Recommendations	<a href="http://www.foe.co.uk/sites/default/files/downloads/beesreport.pdf">http://www.foe.co.uk/sites/default/files/downloads/beesreport.pdf</a>
Farooqui	2012	A potential link between biogenic amine-based pesticides, learning and memory, and colony collapse disorder: A unique hypothesis	<a href="http://www.sciencedirect.com/science/article/pii/S0197018612003051">http://www.sciencedirect.com/science/article/pii/S0197018612003051</a>
Gill et al.	2012	Combined pesticide exposure severely affects individual- and colony-level traits in bees	<a href="http://www.nature.com/nature/journal/v491/n7422/abs/nature11585.html">http://www.nature.com/nature/journal/v491/n7422/abs/nature11585.html</a>
Laycock et al.	2012	Effects of imidacloprid, a neonicotinoid pesticide, on reproduction in worker bumble bees ( <i>Bombus terrestris</i> )	<a href="http://link.springer.com/article/10.1007/s10646-012-0927-y">http://link.springer.com/article/10.1007/s10646-012-0927-y</a>
Osborne	2012	Ecology: Bumblebees and pesticides	<a href="http://www.researchgate.net/publication/232533146_Ecology_Bumblebees_and_pesticides">http://www.researchgate.net/publication/232533146_Ecology_Bumblebees_and_pesticides</a>
Pohorecka et al.	2012	Residues of Neonicotinoid Insecticides in Bee Collected Plant Materials from Oilseed Rape Crops and Their Effect on Bee Colonies	<a href="http://www.degruyter.com/view/j/jas.2012.56.issue-2/v10289-012-0029-3/v10289-012-0029-3.xml">http://www.degruyter.com/view/j/jas.2012.56.issue-2/v10289-012-0029-3/v10289-012-0029-3.xml</a>

Stokstad	2012	Field Research on Bees Raises Concern About Low-Dose Pesticides (Science Magazine News Article)	<a href="http://www.sciencemag.org/content/335/6076/1555.short">http://www.sciencemag.org/content/335/6076/1555.short</a>
Whitehorn et al.	2012	Neonicotinoid Pesticide Reduces Bumble Bee Colony Growth and Queen Production	<a href="http://www.sciencemag.org/content/336/6079/351.short">http://www.sciencemag.org/content/336/6079/351.short</a>
Dively & Kamel	2012	Insecticide Residues in Pollen and Nectar of a Cucurbit Crop and Their Potential Exposure to Pollinators	<a href="http://pubs.acs.org/doi/abs/10.1021/jf205393x">http://pubs.acs.org/doi/abs/10.1021/jf205393x</a>
Tapparo et al.	2012	UHPLC-DAD method for the determination of neonicotinoid insecticides in single bees and its relevance in honeybee colony loss investigations	<a href="http://link.springer.com/article/10.1007/s00216-012-6338-3#page_1">http://link.springer.com/article/10.1007/s00216-012-6338-3#page_1</a>
Bryden et al.	2013	Chronic sublethal stress causes bee colony failure	<a href="http://onlinelibrary.wiley.com/doi/10.1111/ele.12188/full">http://onlinelibrary.wiley.com/doi/10.1111/ele.12188/full</a>
Elston et al.	2013	Sub-lethal effects of thiamethoxam, a neonicotinoid pesticide, and propiconazole, a DMI fungicide, on colony initiation in bumblebee micro-colonies	<a href="http://link.springer.com/article/10.1007/s13592-013-0206-9">http://link.springer.com/article/10.1007/s13592-013-0206-9</a>
Fausser-Misslin et al.	2013	Influence of combined pesticide and parasite exposure on bumblebee colony traits in the laboratory	<a href="http://onlinelibrary.wiley.com/doi/10.1111/1365-2664.12188/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false">http://onlinelibrary.wiley.com/doi/10.1111/1365-2664.12188/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false</a>
Giroud et al.	2013	Trace level determination of pyrethroid and neonicotinoid insecticides in beebread using acetonitrile-based extraction followed by analysis with ultra-high-performance liquid chromatography-tandem mass spectrometry	<a href="http://www.sciencedirect.com/science/article/pii/S0021967313015823">http://www.sciencedirect.com/science/article/pii/S0021967313015823</a>
Goulson	2013	An overview of the environmental risks posed by neonicotinoid insecticides	<a href="http://onlinelibrary.wiley.com/doi/10.1111/1365-2664.12111/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false">http://onlinelibrary.wiley.com/doi/10.1111/1365-2664.12111/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false</a>
Gross	2013	EU ban puts spotlight on complex effects of neonicotinoids	<a href="http://www.sciencedirect.com/science/article/pii/S0960982213006258">http://www.sciencedirect.com/science/article/pii/S0960982213006258</a>
Guillén & Bielza	2013	Thiamethoxam acts as a target-site synergist of spinosad in resistant strains of <i>Frankliniella occidentalis</i>	<a href="http://www.publish.csiro.au/paper/EN15064.htm">http://www.publish.csiro.au/paper/EN15064.htm</a>

Henry	2013	Assessing homing failure in honey bees exposed to pesticides: Guez's (2013) criticism illustrates pitfalls and challenges	<a href="http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3845207/">http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3845207/</a>
Jovanov et al.	2013	Development of multiresidue DLLME and QuEChERS based LC–MS/MS method for determination of selected neonicotinoid insecticides in honey liqueur	<a href="http://www.sciencedirect.com/science/article/pii/S0963996913005796">http://www.sciencedirect.com/science/article/pii/S0963996913005796</a>
Larson et al.	2013	Assessing Insecticide Hazard to Bumble Bees Foraging on Flowering Weeds in Treated Lawns	<a href="http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0066375">http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0066375</a>
Laycock et al.	2013	Effects of the neonicotinoid pesticide thiamethoxam at field-realistic levels on microcolonies of <i>Bombus terrestris</i> worker bumble bees	<a href="http://www.sciencedirect.com/science/article/pii/S0147651313004703">http://www.sciencedirect.com/science/article/pii/S0147651313004703</a>
Marzaro	2013	Corn Seed Coated with Neonicotinoids: Environmental Contamination and Bee Losses in Spring	<a href="http://paduaresearch.cab.unipd.it/5398/1/marzaro_matteo_tesi.pdf">http://paduaresearch.cab.unipd.it/5398/1/marzaro_matteo_tesi.pdf</a>
Maxim & Arnold	2013	Pesticides and Bees	<a href="http://onlinelibrary.wiley.com/doi/10.1002/embr.201338218/full">http://onlinelibrary.wiley.com/doi/10.1002/embr.201338218/full</a>
Mole et al.	2013	Neonicotinoid Restrictions Present a Unique Opportunity to Introduce Safer Agro-Ecological Approaches to Pest Management	<a href="http://www.ingentaconnect.com/content/resinf/opm/2013/00000024/00000004/art00004">http://www.ingentaconnect.com/content/resinf/opm/2013/00000024/00000004/art00004</a>
Rossi et al.	2013	Brain Morphophysiology of Africanized Bee <i>Apis mellifera</i> Exposed to Sublethal Doses of Imidacloprid	<a href="http://link.springer.com/article/10.1007/s00244-013-9897-1">http://link.springer.com/article/10.1007/s00244-013-9897-1</a>
Sandrock et al.	2013	Sublethal neonicotinoid insecticide exposure reduces solitary bee reproductive success	<a href="http://onlinelibrary.wiley.com/doi/10.1111/afe.12041/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false">http://onlinelibrary.wiley.com/doi/10.1111/afe.12041/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false</a>
Smagghe et al.	2013	Dietary chlorantraniliprole suppresses reproduction in worker bumblebees	<a href="http://onlinelibrary.wiley.com/doi/10.1002/ps.3504/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false">http://onlinelibrary.wiley.com/doi/10.1002/ps.3504/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false</a>
Stevens & Jenkins	2013	Pesticide impacts on bumblebee declines: A missing piece	<a href="http://onlinelibrary.wiley.com/doi/10.1111/conl.12020/abstract">http://onlinelibrary.wiley.com/doi/10.1111/conl.12020/abstract</a>
Stokstad	2013	Pesticides Under Fire For Risks to Pollinators (Science Magazine News Article)	<a href="https://www.sciencemag.org/content/340/6133/674.short?relatedurls=yes&amp;legid=sci;340/6133/674">https://www.sciencemag.org/content/340/6133/674.short?relatedurls=yes&amp;legid=sci;340/6133/674</a>

van der Sluijs et al.	2013	Neonicotinoids, bee disorders and the sustainability of pollinator services	<a href="http://www.sciencedirect.com/science/article/pii/S1877343513000493">http://www.sciencedirect.com/science/article/pii/S1877343513000493</a>
Vanbergen	2013	Threats to an ecosystem service: pressures on pollinators	<a href="http://www.esajournals.org/doi/abs/10.1890/120126">http://www.esajournals.org/doi/abs/10.1890/120126</a>
Yanez et al.	2013	Determination of seven neonicotinoid insecticides in beeswax by liquid chromatography coupled to electrospray-mass spectrometry using a fused-core column	<a href="http://www.sciencedirect.com/science/article/pii/S002196731300321X">http://www.sciencedirect.com/science/article/pii/S002196731300321X</a>
Cresswell et al.	2013	Clearance of ingested neonicotinoid pesticide (imidacloprid) in honey bees ( <i>Apis mellifera</i> ) and bumble bees ( <i>Bombus terrestris</i> )	<a href="http://onlinelibrary.wiley.com/doi/10.1002/ps.3569/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false">http://onlinelibrary.wiley.com/doi/10.1002/ps.3569/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false</a>
Arena & Sgolastra	2014	A meta-analysis comparing the sensitivity of bees to pesticides	<a href="http://link.springer.com/article/10.1007/s10646-014-1190-1">http://link.springer.com/article/10.1007/s10646-014-1190-1</a>
Bijleveld van Lexmond et al.	2014	Worldwide integrated assessment on systemic pesticides	<a href="http://link.springer.com/article/10.1007/s11356-014-3220-1">http://link.springer.com/article/10.1007/s11356-014-3220-1</a>
Catae et al.	2014	Cytotoxic Effects of Thiamethoxam in the Midgut and Malpighian Tubules of Africanized <i>Apis mellifera</i> (Hymenoptera: Apidae)	<a href="http://onlinelibrary.wiley.com/doi/10.1002/jemt.22339/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false">http://onlinelibrary.wiley.com/doi/10.1002/jemt.22339/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false</a>
Chagnon et al.	2014	Risks of large-scale use of systemic insecticides to ecosystem functioning and services	<a href="http://link.springer.com/article/10.1007/s11356-014-3277-x">http://link.springer.com/article/10.1007/s11356-014-3277-x</a>
Chen & Mullin	2014	Determination of nonylphenol ethoxylate and octylphenol ethoxylate surfactants in beehive samples by high performance liquid chromatography coupled to mass spectrometry	<a href="http://www.sciencedirect.com/science/article/pii/S0308814614003896">http://www.sciencedirect.com/science/article/pii/S0308814614003896</a>
Delso et al.	2014	Systemic insecticides (neonicotinoids and fipronil): trends, uses, mode of action and metabolites	<a href="http://link.springer.com/article/10.1007/s11356-014-3470-y">http://link.springer.com/article/10.1007/s11356-014-3470-y</a>
Feltham et al.	2014	Field realistic doses of pesticide imidacloprid reduce bumblebee pollen foraging efficiency	<a href="http://link.springer.com/article/10.1007/s10646-014-1189-7">http://link.springer.com/article/10.1007/s10646-014-1189-7</a>
Gill & Raine	2014	Chronic impairment of bumblebee natural foraging behaviour induced by sublethal pesticide exposure	<a href="http://onlinelibrary.wiley.com/doi/10.1111/1365-2435.12292/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false">http://onlinelibrary.wiley.com/doi/10.1111/1365-2435.12292/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false</a>
Godfray et al.	2014	A restatement of the natural science evidence base concerning neonicotinoid insecticides and insect pollinators	<a href="http://classic.rspb.royalsocietypublishing.org/content/281/1786/20140558.short">http://classic.rspb.royalsocietypublishing.org/content/281/1786/20140558.short</a>

Kasiotis et al.	2014	Pesticide residues in honeybees, honey and bee pollen by LC–MS/MS screening: Reported death incidents in honeybees	<a href="http://www.sciencedirect.com/science/article/pii/S0048969714003726">http://www.sciencedirect.com/science/article/pii/S0048969714003726</a>
Larson et al.	2014	Impacts of a neonicotinoid, neonicotinoid–pyrethroid premix, and anthranilic diamide insecticide on four species of turf-inhabiting beneficial insects	<a href="http://www.ncbi.nlm.nih.gov/pubmed/24493235">http://www.ncbi.nlm.nih.gov/pubmed/24493235</a>
Sanchez-Bayo	2014	The trouble with neonicotinoids	<a href="http://www.sciencemag.org/content/346/6211/806">http://www.sciencemag.org/content/346/6211/806</a>
Sanchez-Bayo & Goka	2014	Pesticide Residues and Bees – A Risk Assessment	<a href="http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0094482">http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0094482</a>
Scholer & Krischik	2014	Chronic Exposure of Imidacloprid and Clothianidin Reduce Queen Survival, Foraging, and Nectar Storing in Colonies of <i>Bombus impatiens</i>	<a href="http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0091573">http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0091573</a>
Tan et al.	2014	Imidacloprid Alters Foraging and Decreases Bee Avoidance of Predators	<a href="http://www.ncbi.nlm.nih.gov/pubmed/25025334">http://www.ncbi.nlm.nih.gov/pubmed/25025334</a>
Tome et al.	2014	Spinosad in the native stingless bee <i>Melipona quadrifasciata</i> : Regrettable non-target toxicity of a bioinsecticide	<a href="http://www.sciencedirect.com/science/article/pii/S0045653514013563">http://www.sciencedirect.com/science/article/pii/S0045653514013563</a>
van der Sluijs et al.	2014	Conclusions of the Worldwide Integrated Assessment on the risks of neonicotinoids and fipronil to biodiversity and ecosystem functioning	<a href="http://link.springer.com/article/10.1007/s11356-014-3229-5#page-1">http://link.springer.com/article/10.1007/s11356-014-3229-5#page-1</a>
Collison et al.	2015	Interactive effects of pesticide exposure and pathogen infection on bee health – a critical analysis	<a href="http://www.ncbi.nlm.nih.gov/pubmed/26150129">http://www.ncbi.nlm.nih.gov/pubmed/26150129</a>
EA SAC	2015	Ecosystem services, agriculture and neonicotinoids	<a href="http://www.easac.eu/home/reports-and-statements/detail-view/article/ecosystem-se.html">http://www.easac.eu/home/reports-and-statements/detail-view/article/ecosystem-se.html</a>
Goulson	2015	Neonicotinoids impact bumblebee colony fitness in the field; a reanalysis of the UK's Food & Environment Research Agency 2012 experiment	<a href="https://peerj.com/articles/854/">https://peerj.com/articles/854/</a>
Goulson et al.	2015	Bee declines driven by combined stress from parasites, pesticides, and lack of flowers	<a href="http://www.sciencemag.org/content/347/6229/1255957.short">http://www.sciencemag.org/content/347/6229/1255957.short</a>
Jin et al.	2015	The neonicotinoid clothianidin interferes with navigation of the solitary bee <i>Osmia cornuta</i> in a laboratory test	<a href="http://jeb.biologists.org/content/early/2015/07/22/jeb.123612">http://jeb.biologists.org/content/early/2015/07/22/jeb.123612</a>
Kessler et al.	2015	Bees prefer foods containing neonicotinoid pesticides	<a href="http://www.researchgate.net/publication/275361613_Bees_prefer_foods_containing_neonicotinoid_pesticides">http://www.researchgate.net/publication/275361613_Bees_prefer_foods_containing_neonicotinoid_pesticides</a>

Lundin et al.	2015	Neonicotinoid Insecticides and Their Impacts on Bees: A Systematic Review of Research Approaches and Identification of Knowledge Gaps	<a href="http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0136928">http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0136928</a>
Moffat et al.	2015	Chronic exposure to neonicotinoids increases neuronal vulnerability to mitochondrial dysfunction in the bumblebee ( <i>Bombus terrestris</i> )	<a href="http://www.ncbi.nlm.nih.gov/pubmed/25634958">http://www.ncbi.nlm.nih.gov/pubmed/25634958</a>
Park et al.	2015	Negative effects of pesticides on wild bee communities can be buffered by landscape context	<a href="http://rspsb.royalsocietypublishing.org/content/282/1809/20150299">http://rspsb.royalsocietypublishing.org/content/282/1809/20150299</a>
Raine et al.	2015	Tasteless pesticides affect bees in the field	<a href="http://www.researchgate.net/publication/275353778_Ecology_Tasteless_pesticides_affect_bees_in_the_field">http://www.researchgate.net/publication/275353778_Ecology_Tasteless_pesticides_affect_bees_in_the_field</a>
Rundlof et al.	2015	Seed coating with a neonicotinoid insecticide negatively affects wild bees	<a href="http://www.nature.com/nature/journal/v521/n7550/abs/nature14420.html">http://www.nature.com/nature/journal/v521/n7550/abs/nature14420.html</a>
Samson-Robert et al.	2015	Increased Acetylcholinesterase Expression in Bumble Bees During Neonicotinoid-Coated Corn Sowing	<a href="http://www.nature.com/articles/srep12636">http://www.nature.com/articles/srep12636</a>
Soares et al.	2015	Toxicity of Imidacloprid to the Stingless Bee <i>Scaptotrigona postica</i> Latreille, 1807 (Hymenoptera: Apidae)	<a href="http://link.springer.com/article/10.1007/s00128-015-1488-6#page-1">http://link.springer.com/article/10.1007/s00128-015-1488-6#page-1</a>
David et al.	2015	Widespread contamination of wildflower and bee-collected pollen with complex mixtures of neonicotinoids and fungicides commonly applied to crops	<a href="http://www.ncbi.nlm.nih.gov/pubmed/26760714">http://www.ncbi.nlm.nih.gov/pubmed/26760714</a>
Thompson	2015	Extrapolation of acute toxicity across bee species	<a href="http://www.ncbi.nlm.nih.gov/pubmed/26595163">http://www.ncbi.nlm.nih.gov/pubmed/26595163</a>
Stanley et al.	2015	Neonicotinoid pesticide exposure impairs crop pollination services provided by bumblebees	<a href="http://www.ncbi.nlm.nih.gov/pubmed/26580009">http://www.ncbi.nlm.nih.gov/pubmed/26580009</a>
Fryday et al. (FERA)	2015	Systematic literature review on the neonicotinoids (namely active substances clothianidin, thiamethoxam and imidacloprid) and the risks to bees	<a href="https://www.researchgate.net/publication/272509604_Systematic_literature_review_on_the_neonicotinoids_namely_active_substances_clothianidin_thiamethoxam_and_imidacloprid_and_the_risks_to_bees">https://www.researchgate.net/publication/272509604_Systematic_literature_review_on_the_neonicotinoids_namely_active_substances_clothianidin_thiamethoxam_and_imidacloprid_and_the_risks_to_bees</a>

Hladik et al.	2015	Exposure of native bees foraging in an agricultural landscape to current-use pesticides	<a href="https://www.researchgate.net/profile/Kelly_Smalling/publication/283445710_Exposure_of_native_bees_foraging_in_an_agricultural_landscape_to_current-use_pesticides/links/563a105008aead0531dc99ba.pdf">https://www.researchgate.net/profile/Kelly_Smalling/publication/283445710_Exposure_of_native_bees_foraging_in_an_agricultural_landscape_to_current-use_pesticides/links/563a105008aead0531dc99ba.pdf</a>
Godfray et al.	2015	A restatement of recent advances in the natural science evidence base concerning neonicotinoid insecticides and insect pollinators	<a href="http://rspb.royalsocietypublishing.org/content/282/1818/20151821">http://rspb.royalsocietypublishing.org/content/282/1818/20151821</a>
Botias et al.	2015	NEONICOTINOID RESIDUES IN WILDFLOWERS, A POTENTIAL ROUTE OF CHRONIC EXPOSURE FOR BEES	<a href="http://pubs.acs.org/doi/abs/10.1021/acs.est.5b03459">http://pubs.acs.org/doi/abs/10.1021/acs.est.5b03459</a>
Sánchez-Bayo and Desneux	2015	Neonicotinoids and the prevalence of parasites and disease in bees	<a href="http://tandfonline.com/doi/abs/10.1080/0005772X.2015.1118962?journalCode=tbee20">http://tandfonline.com/doi/abs/10.1080/0005772X.2015.1118962?journalCode=tbee20</a>
Thompson et al.	2015	Monitoring the effects of thiamethoxam applied as a seed treatment to winter oilseed rape on the development of bumblebee ( <i>Bombus terrestris</i> ) colonies	<a href="http://onlinelibrary.wiley.com/doi/10.1002/ps.4202/pdf">http://onlinelibrary.wiley.com/doi/10.1002/ps.4202/pdf</a>
Sanchez-Bayo et al.	2016	Are bee diseases linked to pesticides? — A brief review	<a href="http://www.sciencedirect.com/science/article/pii/S0160412016300095">http://www.sciencedirect.com/science/article/pii/S0160412016300095</a>
de Souza Rosa et al.	2016	Consumption of the neonicotinoid thiamethoxam during the larval stage affects the survival and development of the stingless bee, <i>Scaptotrigona aff. Depilis</i>	<a href="http://link.springer.com/article/10.1007%2Fs13592-015-0424-4">http://link.springer.com/article/10.1007%2Fs13592-015-0424-4</a>
United States Government Accountability Office	2016	USDA and EPA Should Take Additional Actions to Address Threats to Bee Populations	<a href="http://www.gao.gov/assets/680/675109.pdf">http://www.gao.gov/assets/680/675109.pdf</a>
Stanley and Raine	2016	Chronic exposure to a neonicotinoid pesticide alters the interactions between bumblebees and wild plants	<a href="http://onlinelibrary.wiley.com/doi/10.1111/1365-2435.12644/abstract">http://onlinelibrary.wiley.com/doi/10.1111/1365-2435.12644/abstract</a>
Piironen and Goulson	2016	Chronic neonicotinoid pesticide exposure and parasite stress differentially affects learning in honeybees and bumblebees	<a href="https://www.researchgate.net/publication/299845632_Chronic_neonicotinoid_pesticide_exposure_and_parasite_stress_differentially_affects_learning_in_honeybees_and_bumblebees">https://www.researchgate.net/publication/299845632_Chronic_neonicotinoid_pesticide_exposure_and_parasite_stress_differentially_affects_learning_in_honeybees_and_bumblebees</a>

Moffat et al.	2016	Neonicotinoids target distinct nicotinic acetylcholine receptors and neurons, leading to differential risks to bumblebees	<a href="http://www.nature.com/articles/srep24764">http://www.nature.com/articles/srep24764</a>
Stanley et al.	2016	Investigating the impacts of field-realistic exposure to a neonicotinoid pesticide on bumblebee foraging, homing ability and colony growth	<a href="http://onlinelibrary.wiley.com/doi/10.1111/1365-2664.12689/full">http://onlinelibrary.wiley.com/doi/10.1111/1365-2664.12689/full</a>
Switzer and Combes	2016	The neonicotinoid pesticide, imidacloprid, affects <i>Bombus impatiens</i> (bumblebee) sonication behavior when consumed at doses below the LD50	<a href="http://link.springer.com/article/10.1007/s10646-016-1669-z">http://link.springer.com/article/10.1007/s10646-016-1669-z</a>
Woodcock et al.	2016	Impacts of neonicotinoid use on long-term population changes in wild bees in England	<a href="http://www.nature.com/articles/ncomms12459">http://www.nature.com/articles/ncomms12459</a>
Sgolastra et al.	2016	Synergistic mortality between a neonicotinoid insecticide and an ergosterol-biosynthesis-inhibiting fungicide in three bee species	<a href="http://onlinelibrary.wiley.com/doi/10.1002/ps.4449/abstract?systemMessage=Wiley+Online+Library+will+be+unavailable+on+Saturday+17th+December+2016+at+09%3A00+GMT%2F+04%3A00+EST%2F+17%3A00+SGT+for+4hrs+due+to+essential+maintenance.Apologies+for+the+inconvenience">http://onlinelibrary.wiley.com/doi/10.1002/ps.4449/abstract?systemMessage=Wiley+Online+Library+will+be+unavailable+on+Saturday+17th+December+2016+at+09%3A00+GMT%2F+04%3A00+EST%2F+17%3A00+SGT+for+4hrs+due+to+essential+maintenance.Apologies+for+the+inconvenience</a>
Goulson and Nicholls	2016	The canary in the coalmine; bee declines as an indicator of environmental health	<a href="http://www.ingentaconnect.com/contentone/stl/sciprg/2016/0000099/00000003/art00005?crawler=true">http://www.ingentaconnect.com/contentone/stl/sciprg/2016/0000099/00000003/art00005?crawler=true</a>
Arce et al.	2016	Impact of controlled neonicotinoid exposure on bumblebees in a realistic field setting	<a href="http://onlinelibrary.wiley.com/doi/10.1111/1365-2664.12792/full">http://onlinelibrary.wiley.com/doi/10.1111/1365-2664.12792/full</a>
Peters et al.	2016	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> )	<a href="http://link.springer.com/article/10.1007/s10646-016-1729-4">http://link.springer.com/article/10.1007/s10646-016-1729-4</a>
Health Canada Pest Management Regulatory Agency.	2016	Imidacloprid	<a href="http://www.hc-sc.gc.ca/cps-spc/pest/part/consultations/_rev_2016-05/rev2016-05-eng.php">http://www.hc-sc.gc.ca/cps-spc/pest/part/consultations/_rev_2016-05/rev2016-05-eng.php</a>



Stoner	2016	Current Pesticide Risk Assessment Protocols Do Not Adequately Address Differences between Honey Bees ( <i>Apis mellifera</i> ) and Bumble Bees ( <i>Bombus</i> spp.)	<a href="https://www.researchgate.net/publication/311526846_Current_Pesticide_Risk_Assessment_Protocols_Do_Not_Adequately_Address_Differences_Between_Honey_Bees_Apis_mellifera_and_Bumble_Bees_Bombus_spp">https://www.researchgate.net/publication/311526846_Current_Pesticide_Risk_Assessment_Protocols_Do_Not_Adequately_Address_Differences_Between_Honey_Bees_Apis_mellifera_and_Bumble_Bees_Bombus_spp</a>
Hladik et al.	2016	Exposure of native bees foraging in an agricultural landscape to current-use pesticides	<a href="http://www.sciencedirect.com/science/article/pii/S0048969715308937">http://www.sciencedirect.com/science/article/pii/S0048969715308937</a>
Botias et al.	2016	Response to Comment on “Neonicotinoid Residues in Wildflowers, A Potential Route of Chronic Exposure for Bees”	<a href="http://pubs.acs.org/doi/abs/10.1021/acs.est.5b06173">http://pubs.acs.org/doi/abs/10.1021/acs.est.5b06173</a>
Goulson	2017	The Environmental Risks of neonicotinoid pesticides: a review of the evidence post-2013	<a href="http://biorxiv.org/content/biorxiv/early/2017/01/06/098897.full.pdf">http://biorxiv.org/content/biorxiv/early/2017/01/06/098897.full.pdf</a>
Ellis et al.	2017	The neonicotinoid insecticide thiacloprid impacts upon bumblebee colony development under field conditions	<a href="http://pubs.acs.org/doi/abs/10.1021/acs.est.6b04791">http://pubs.acs.org/doi/abs/10.1021/acs.est.6b04791</a>
Botias et al.	2017	Quantifying exposure of wild bumblebees to mixtures of agrochemicals in agricultural and urban landscapes*	<a href="http://www.sciencedirect.com/science/article/pii/S0269749116321479">http://www.sciencedirect.com/science/article/pii/S0269749116321479</a>
Fausser et al.	2017	Neonicotinoids override a parasite exposure impact on hibernation success of a key bumblebee pollinator	<a href="http://onlinelibrary.wiley.com/doi/10.1111/een.12385/abstract">http://onlinelibrary.wiley.com/doi/10.1111/een.12385/abstract</a>
Center for Biological Diversity/ Kopek	2017	Pollinators in Peril A systematic status review of North American and Hawaiian native bees	<a href="https://www.biologicaldiversity.org/campaigns/native_pollinators/pdfs/Pollinators_in_Peril.pdf">https://www.biologicaldiversity.org/campaigns/native_pollinators/pdfs/Pollinators_in_Peril.pdf</a>
Simmons and Angelini	2017	Chronic exposure to a neonicotinoid increases expression of antimicrobial peptide genes in the bumblebee <i>Bombus impatiens</i>	<a href="https://doi.org/10.1093/aem/afw001">https://doi.org/10.1093/aem/afw001</a> <a href="https://pubs.acs.org/doi/abs/10.1021/acs.est.6b04791">https://pubs.acs.org/doi/abs/10.1021/acs.est.6b04791</a>
McCurdy et al.	2017	Dew from Warm-Season Turfgrasses as a Possible Route for Pollinator Exposure to Lawn-Applied Imidacloprid	<a href="https://doi.org/10.1093/aem/afw001">https://doi.org/10.1093/aem/afw001</a> <a href="https://pubs.acs.org/doi/abs/10.1021/acs.est.6b04791">https://pubs.acs.org/doi/abs/10.1021/acs.est.6b04791</a>

Dance et al.	2017	The combined effects of a monotonous diet and exposure to thiamethoxam on the performance of bumblebee micro-colonies	<a href="https://www.ncbi.nlm.nih.gov/pubmed/28376431">https://www.ncbi.nlm.nih.gov/pubmed/28376431</a>
Baron et al.	2017	General and species-specific impacts of a neonicotinoid insecticide on the ovary development and feeding of wild bumblebee queens	<a href="http://rsob.royalsocietypublishing.org/content/284/1854/20170123">http://rsob.royalsocietypublishing.org/content/284/1854/20170123</a>

## Aquatic Studies

Author	Year	Title	Link
Potter et al.	2007	Canadian Water Quality Guidelines: Imidacloprid	<a href="http://link.springer.com/article/10.1007/s00128-011-0515-5#page-1">http://link.springer.com/article/10.1007/s00128-011-0515-5#page-1</a>
Jemec et al.	2007	Comparative toxicity of imidacloprid, of its commercial liquid formulation and of diazinon to a non-target arthropod, the microcrustacean <i>Daphnia magna</i>	<a href="http://www.sciencedirect.com/science/article/pii/S0045653507004821">http://www.sciencedirect.com/science/article/pii/S0045653507004821</a>
Stoughton et al.	2008	Acute and Chronic Toxicity of Imidacloprid to the Aquatic Invertebrates <i>Chironomus tentans</i> and <i>Hyalella azteca</i> under Constant- and Pulse-Exposure Conditions	<a href="http://link.springer.com/article/10.1007/s00244-007-9073-6#page-1">http://link.springer.com/article/10.1007/s00244-007-9073-6#page-1</a>
Chen et al.	2009	Mixture effects of the nonylphenyl polyethoxylate, R-11 and the insecticide, imidacloprid on population growth rate and other parameters of the crustacean, <i>Ceriodaphnia dubia</i>	<a href="http://www.sciencedirect.com/science/article/pii/S0147651309002127">http://www.sciencedirect.com/science/article/pii/S0147651309002127</a>
Kindemba	2009	The impact of neonicotinoid insecticides on bumblebees, Honey bees and other non-target invertebrates (revised)	<a href="http://www.beyondpesticides.org/pollinators/Neonicotinoid%20insecticides%20report-1.pdf">http://www.beyondpesticides.org/pollinators/Neonicotinoid%20insecticides%20report-1.pdf</a>
Pestana et al.	2009	Structural and functional responses of benthic invertebrates to imidacloprid in outdoor stream mesocosms	<a href="http://www.sciencedirect.com/science/article/pii/S0269749109001663">http://www.sciencedirect.com/science/article/pii/S0269749109001663</a>
Pestana et al.	2009	Fear and loathing in the benthos: Responses of aquatic insect larvae to the pesticide imidacloprid in the presence of chemical signals of predation risk	<a href="http://www.sciencedirect.com/science/article/pii/S0166445X09001428">http://www.sciencedirect.com/science/article/pii/S0166445X09001428</a>
Tisler et al.	2009	Hazard identification of imidacloprid to aquatic environment	<a href="http://www.sciencedirect.com/science/article/pii/S0045653509005815">http://www.sciencedirect.com/science/article/pii/S0045653509005815</a>
Dondero et al.	2010	Transcriptomic and proteomic effects of a neonicotinoid insecticide mixture in the marine mussel ( <i>Mytilus galloprovincialis</i> )	<a href="http://www.sciencedirect.com/science/article/pii/S0048969710003116">http://www.sciencedirect.com/science/article/pii/S0048969710003116</a>

Loureiro et al.	2010	Toxicity of Three Binary Mixtures to <i>Daphnia magna</i> : Comparing Chemical Modes of Action and Deviations from Conceptual Models	<a href="http://onlinelibrary.wiley.com/doi/10.1002/etc.198/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false">http://onlinelibrary.wiley.com/doi/10.1002/etc.198/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false</a>
Lukancic et al.	2010	Effects of Exposing Two Non-Target Crustacean Species, <i>Asellus aquaticus</i> L., and <i>Gammarus fossarum</i> Koch., to Atrazine and Imidacloprid	<a href="http://link.springer.com/article/10.1007/s00128-009-9854-x">http://link.springer.com/article/10.1007/s00128-009-9854-x</a>
Pestana et al.	2010	Pesticide exposure and inducible antipredator responses in the zooplankton grazer, <i>Daphnia magna</i> Straus	<a href="http://www.sciencedirect.com/science/article/pii/S0045653509012934">http://www.sciencedirect.com/science/article/pii/S0045653509012934</a>
Sardo & Soares	2010	Assessment of the Effects of the Pesticide Imidacloprid on the Behaviour of the Aquatic Oligochaete <i>Lumbriculus variegatus</i>	<a href="https://link.springer.com/article/10.1007/s00244-010-9470-0">https://link.springer.com/article/10.1007/s00244-010-9470-0</a>
van Dijk	2010	Effects of neonicotinoid pesticide pollution of Dutch surface water on non-target species abundance	<a href="http://dspace.library.uu.nl/handle/1874/45302">http://dspace.library.uu.nl/handle/1874/45302</a>
Hayasaka et al.	2011	Differences in ecological impacts of systemic insecticides with different physiochemical properties on biocenosis of experimental paddy fields	<a href="http://link.springer.com/article/10.1007/s10646-011-0778-y">http://link.springer.com/article/10.1007/s10646-011-0778-y</a>
Pavlaki et al.	2011	Effects of binary mixtures on the life traits of <i>Daphnia magna</i>	<a href="http://www.sciencedirect.com/science/article/pii/S0147651310001600">http://www.sciencedirect.com/science/article/pii/S0147651310001600</a>
DeLorenzo et al.	2012	A long-term monitoring study of chlorophyll, microbial contaminants, and pesticides in a coastal residential stormwater pond and its adjacent tidal creek	<a href="http://www.ncbi.nlm.nih.gov/pubmed/21409361">http://www.ncbi.nlm.nih.gov/pubmed/21409361</a>
Hayasaka et al.	2012	Differences in susceptibility of five cladoceran species to two systemic insecticides, imidacloprid and fipronil	<a href="http://link.springer.com/article/10.1007/s10646-011-0802-2">http://link.springer.com/article/10.1007/s10646-011-0802-2</a>
Malev et al.	2012	Comparative toxicity of imidacloprid and its transformation product 6-chloronicotinic acid to non-target aquatic organisms: Microalgae <i>Desmodesmus subspicatus</i> and amphipod <i>Gammarus fossarum</i>	<a href="http://www.sciencedirect.com/science/article/pii/S0048357512001150">http://www.sciencedirect.com/science/article/pii/S0048357512001150</a>
Osterberg et al.	2012	Acute toxicity and sub-lethal effects of common pesticides in post-larval and juvenile blue crabs, <i>Callinectes sapidus</i>	<a href="http://www.sciencedirect.com/science/article/pii/S0022098112001694">http://www.sciencedirect.com/science/article/pii/S0022098112001694</a>
Starner & Goh	2012	Detections of the Neonicotinoid Insecticide Imidacloprid in Surface Waters of Three Agricultural Regions of California, USA, 2010-2011	<a href="http://link.springer.com/article/10.1007/s00128-011-0515-5#page-1">http://link.springer.com/article/10.1007/s00128-011-0515-5#page-1</a>

Agatz et al.	2013	Imidacloprid perturbs feeding of <i>Gammarus pulex</i> at environmentally-relevant concentrations	<a href="http://onlinelibrary.wiley.com/doi/10.1002/etc.2480/abstract">http://onlinelibrary.wiley.com/doi/10.1002/etc.2480/abstract</a>
Alexander & Culp	2013	Predicting the Effects of Insecticide Mixtures on Non-Target Aquatic Communities	<a href="http://cdn.intechopen.com/pdfs-wm/42214.pdf">http://cdn.intechopen.com/pdfs-wm/42214.pdf</a>
Beketov et al.	2013	Pesticides reduce regional biodiversity of stream invertebrates	<a href="http://www.pnas.org/content/110/27/11039.short">http://www.pnas.org/content/110/27/11039.short</a>
Bottger et al.	2013	Effects of low-dosed imidacloprid pulses on the functional role of the caged amphipod <i>Gammarus roeseli</i> in stream mesocosms	<a href="http://www.sciencedirect.com/science/article/pii/S0147651313001322">http://www.sciencedirect.com/science/article/pii/S0147651313001322</a>
Daam et al	2013	Preliminary aquatic risk assessment of imidacloprid after application in an experimental rice plot	<a href="http://www.sciencedirect.com/science/article/pii/S0147651313003096">http://www.sciencedirect.com/science/article/pii/S0147651313003096</a>
Goulson	2013	An overview of the environmental risks posed by neonicotinoid insecticides	<a href="http://onlinelibrary.wiley.com/doi/10.1111/1365-2664.12111/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false">http://onlinelibrary.wiley.com/doi/10.1111/1365-2664.12111/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false</a>
Ieromina et al.	2013	Impact of imidacloprid on <i>Daphnia magna</i> under different food quality regimes	<a href="http://onlinelibrary.wiley.com/doi/10.1002/etc.2472/abstract">http://onlinelibrary.wiley.com/doi/10.1002/etc.2472/abstract</a>
Jinguji et al.	2013	Effect of imidacloprid and fipronil pesticide application on <i>Sympetrum infuscatum</i> larvae and adults	<a href="http://link.springer.com/article/10.1007%2Fs10333-012-0317-3">http://link.springer.com/article/10.1007%2Fs10333-012-0317-3</a>
Papchenkova & Makrushin	2013	Effect of the Insecticide Tanrec® on Reproduction and Vital Activity of <i>Daphnia magna</i> Straus in a 15 day Test	<a href="https://www.infona.pl/resource/bwmeta1.element.springer-1f43ffc2-d894-30e7-8b99-c23fe33751de/tab/summary">https://www.infona.pl/resource/bwmeta1.element.springer-1f43ffc2-d894-30e7-8b99-c23fe33751de/tab/summary</a>
Roessink et al.	2013	The Neonicotinoid Imidacloprid Shows High Chronic Toxicity to Mayfly Nymphs	<a href="http://onlinelibrary.wiley.com/doi/10.1002/etc.2201/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false">http://onlinelibrary.wiley.com/doi/10.1002/etc.2201/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false</a>
Sanchez-Bayo & Hyne	2013	Detection and analysis of neonicotinoids in river waters – Development of a passive sampler for three commonly used insecticides	<a href="http://www.sciencedirect.com/science/article/pii/S0045653513014859">http://www.sciencedirect.com/science/article/pii/S0045653513014859</a>
van Dijk et al.	2013	Macro-Invertebrate Decline in Surface Waters Polluted with Imidacloprid	<a href="http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0062374">http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0062374</a>
Bijleveld van Lexmond et al.	2014	Worldwide integrated assessment on systemic pesticides	<a href="http://link.springer.com/article/10.1007/s11356-014-3220-1">http://link.springer.com/article/10.1007/s11356-014-3220-1</a>
Budd et al.	2014	Monitoring efforts of an emergent insecticide fipronil in California surface waters	<a href="http://www.cdpr.ca.gov/docs/emon/surfwtr/swposters/25_budd.pdf">http://www.cdpr.ca.gov/docs/emon/surfwtr/swposters/25_budd.pdf</a>

Chagnon et al.	2014	Risks of large-scale use of systemic insecticides to ecosystem functioning and services	<a href="http://link.springer.com/article/10.1007/s11356-014-3277-x">http://link.springer.com/article/10.1007/s11356-014-3277-x</a>
Hladik et al.	2014	Widespread occurrence of neonicotinoid insecticides in streams in a high corn and soybean producing region, USA	<a href="http://www.sciencedirect.com/science/article/pii/S0269749114002802">http://www.sciencedirect.com/science/article/pii/S0269749114002802</a>
Main et al.	2014	Widespread Use and Frequent Detection of Neonicotinoid Insecticides in Wetlands of Canada's Prairie Pothole Region	<a href="http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0092821">http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0092821</a>
Pavlaki et al.	2014	Changes of chemical chronic toxicity to <i>Daphnia magna</i> under different food regimes	<a href="http://www.sciencedirect.com/science/article/pii/S0147651314003595">http://www.sciencedirect.com/science/article/pii/S0147651314003595</a>
Pisa et al.	2014	Effects of neonicotinoids and fipronil on non-target invertebrates	<a href="http://link.springer.com/article/10.1007/s11356-014-3471-x">http://link.springer.com/article/10.1007/s11356-014-3471-x</a>
Smit et al.	2014	Ecotoxicity of Imidacloprid to Aquatic Organisms: Derivation of Water Quality Standards for Peak and Long-term Exposure	<a href="http://www.tandfonline.com/doi/abs/10.1080/10807039.2014.964071">http://www.tandfonline.com/doi/abs/10.1080/10807039.2014.964071</a>
van der Sluijs et al.	2014	Conclusions of the Worldwide Integrated Assessment on the risks of neonicotinoids and fipronil to biodiversity and ecosystem functioning	<a href="http://link.springer.com/article/10.1007/s11356-014-3229-5#page-1">http://link.springer.com/article/10.1007/s11356-014-3229-5#page-1</a>
Wijnja et al.	2014	Changes in Pesticide Occurrence in Suburban Surface Waters in Massachusetts, USA, 1999–2010	<a href="http://www.ncbi.nlm.nih.gov/pubmed/24619363">http://www.ncbi.nlm.nih.gov/pubmed/24619363</a>
Hladik & Kolpin	2015	First national-scale reconnaissance of neonicotinoid insecticides in streams across the USA	<a href="http://ca.water.usgs.gov/pubs/2015/HladikKolpin2015.pdf">http://ca.water.usgs.gov/pubs/2015/HladikKolpin2015.pdf</a>
Lu et al.	2015	Quantum Yields for Direct Photolysis of Neonicotinoid Insecticides in Water: Implications for Exposure to Nontarget Aquatic Organisms	<a href="http://pubs.acs.org/doi/abs/10.1021/acs.estlett.5b00136">http://pubs.acs.org/doi/abs/10.1021/acs.estlett.5b00136</a>
Main et al.	2015	Ecological and landscape drivers of neonicotinoid insecticide detections and concentrations in Canada's Prairie wetlands	<a href="http://www.ncbi.nlm.nih.gov/pubmed/26098364">http://www.ncbi.nlm.nih.gov/pubmed/26098364</a>
Morrissey et al.	2015	Neonicotinoid contamination of global surfacewaters and associated risk to aquatic invertebrates: A review	<a href="http://www.sciencedirect.com/science/article/pii/S0160412014003183">http://www.sciencedirect.com/science/article/pii/S0160412014003183</a>
Schaafsma et al.	2015	Neonicotinoid Insecticide Residues in Surface Water and Soil Associated with Commercial Maize (Corn) Fields in Southwestern Ontario	<a href="http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0118139">http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0118139</a>
Stehle & Schulz	2015	Pesticide authorization in the EU—environment unprotected?	<a href="http://www.ncbi.nlm.nih.gov/pubmed/26276274">http://www.ncbi.nlm.nih.gov/pubmed/26276274</a>

Stehle & Shulz	2015	Agricultural insecticides threaten surface waters at the global scale	<a href="http://www.pnas.org/content/112/18/5750.abstract">http://www.pnas.org/content/112/18/5750.abstract</a>
Ugurlu et al.	2015	The Toxicological Effects of Thiamethoxam on Gammarus Kischineffensis	<a href="http://www.sciencedirect.com/science/article/pii/S1382668915000307">http://www.sciencedirect.com/science/article/pii/S1382668915000307</a>
Weston et al.	2015	Stormwater-related transport of the insecticides bifenthrin, fipronil, imidacloprid, and chlorpyrifos into a tidal wetland, San Francisco Bay, California	<a href="http://www.ncbi.nlm.nih.gov/pubmed/25956145">http://www.ncbi.nlm.nih.gov/pubmed/25956145</a>
Tufi et al.	2015	Metabolomics to Explore Imidacloprid-Induced Toxicity in the Central Nervous System of the Freshwater Snail Lymnaea stagnalis	<a href="http://pubs.acs.org/doi/abs/10.1021/acs.est.5b03282?journalCode=esthag">http://pubs.acs.org/doi/abs/10.1021/acs.est.5b03282?journalCode=esthag</a>
Tamis et al.	2015	Analysis of imidacloprid in Dutch surface water	<a href="http://www.leidenuniv.nl/cml/bieb_internet/publications/cml_rapporten/analyse_van_imidacloprid_concentraties_in_het_oppevlaktewater.pdf">http://www.leidenuniv.nl/cml/bieb_internet/publications/cml_rapporten/analyse_van_imidacloprid_concentraties_in_het_oppevlaktewater.pdf</a>
Tufi et al.	2015	Metabolomics to explore imidacloprid induced toxicity in the central nervous system of the freshwater snail Lymnaea stagnalis	<a href="http://www.ncbi.nlm.nih.gov/pubmed/26509427">http://www.ncbi.nlm.nih.gov/pubmed/26509427</a>
Pathiratne and Kroon	2015	USING SPECIES SENSITIVITY DISTRIBUTION APPROACH TO ASSESS THE RISKS OF COMMONLY DETECTED AGRICULTURAL PESTICIDES TO AUSTRALIA'S TROPICAL FRESHWATER ECOSYSTEMS	<a href="http://onlinelibrary.wiley.com/doi/10.1002/etc.3199/abstract?systemMessage=Subscribe+and+renew+is+currently+unavailable+online.+Please+contact+customer+care+to+place+an+order%3A++http%3A%2F%2Folabout.wiley.com%2FWileyCDA%2FSection%2Fid-397203.html+.Apologies+for+the+inconvenience.">http://onlinelibrary.wiley.com/doi/10.1002/etc.3199/abstract?systemMessage=Subscribe+and+renew+is+currently+unavailable+online.+Please+contact+customer+care+to+place+an+order%3A++http%3A%2F%2Folabout.wiley.com%2FWileyCDA%2FSection%2Fid-397203.html+.Apologies+for+the+inconvenience.</a>
Benton et al.	2016	Consequences of imidacloprid treatments for hemlock woolly adelgid on stream water quality in the southern Appalachians	<a href="https://www.researchgate.net/publication/283270089_Consequences_of_imidacloprid_treatments_for_hemlock_woolly_adelgid_on_stream_water_quality_in_the_southern_Appalachians">https://www.researchgate.net/publication/283270089_Consequences_of_imidacloprid_treatments_for_hemlock_woolly_adelgid_on_stream_water_quality_in_the_southern_Appalachians</a>
Main et al.	2016	Snowmelt transport of neonicotinoid insecticides to Canadian Prairie wetlands	<a href="http://www.sciencedirect.com/science/article/pii/S0167880915300785">http://www.sciencedirect.com/science/article/pii/S0167880915300785</a>
Ansoar-Rodriguez et al.	2016	Genotoxic Potential of the Insecticide Imidacloprid in a Non-Target Organism (Oreochromis niloticus-Pisces)*	<a href="http://file.scirp.org/pdf/JEP_2015120913321615.pdf">http://file.scirp.org/pdf/JEP_2015120913321615.pdf</a>

Kasai et al.	2016	Fipronil application on rice paddy fields reduces densities of common skimmer and scarlet skimmer	<a href="http://www.ncbi.nlm.nih.gov/pubmed/26979488">http://www.ncbi.nlm.nih.gov/pubmed/26979488</a>
Evelsizer and Skopec	2016	Pesticides, Including Neonicotinoids, in Drained Wetlands of Iowa's Prairie Pothole Region	<a href="http://link.springer.com/article/10.1007/s13157-016-0796-x">http://link.springer.com/article/10.1007/s13157-016-0796-x</a>
Wettstein et al.	2016	Leaching of the Neonicotinoids Thiamethoxam and Imidacloprid from Sugar Beet Seed Dressings to Subsurface Tile Drains	<a href="http://pubs.acs.org/doi/abs/10.1021/acs.jafc.6b02619">http://pubs.acs.org/doi/abs/10.1021/acs.jafc.6b02619</a>
Gvozdenac et al.	2016	Phytotoxic effects of irrigation water depending on the presence of organic and inorganic pollutants	<a href="http://link.springer.com/article/10.1007%2Fs11356-016-7024-3">http://link.springer.com/article/10.1007%2Fs11356-016-7024-3</a>
Van Metre et al.	2016	Complex mixtures of Pesticides in Midwest U.S. streams indicated by POCIS time-integrating samplers	<a href="http://www.sciencedirect.com/science/article/pii/S0269749116315032">http://www.sciencedirect.com/science/article/pii/S0269749116315032</a>
Sanchez-Bayo and Goka	2016	Contamination of the Aquatic Environment with Neonicotinoids and its Implication for Ecosystems	<a href="http://journal.frontiersin.org/article/10.3389/fenvs.2016.00071/full">http://journal.frontiersin.org/article/10.3389/fenvs.2016.00071/full</a>
Moore et al.	2016	Derivation of an aquatic benchmark for invertebrates potentially exposed to imidacloprid	<a href="https://peerj.com/preprints/2584.pdf">https://peerj.com/preprints/2584.pdf</a>
Struger et al.	2016	Factors influencing the occurrence and distribution of neonicotinoid insecticides in surface waters of southern Ontario, Canada	<a href="http://www.sciencedirect.com/science/article/pii/S004565351631565X">http://www.sciencedirect.com/science/article/pii/S004565351631565X</a>
Xerces	2016	Neonicotinoids in California's Surface Waters	<a href="http://www.xerces.org/neonicotinoids-and-surface-waters/">http://www.xerces.org/neonicotinoids-and-surface-waters/</a>
Aslund et al.	2016	ECOLOGICAL RISK ASSESSMENT FOR AQUATIC INVERTEBRATE COMMUNITIES EXPOSED TO IMIDACLOPRID DUE TO LABELED AGRICULTURAL AND NON-AGRICULTURAL USES IN THE UNITED STATES	<a href="https://www.ncbi.nlm.nih.gov/pubmed/27753126">https://www.ncbi.nlm.nih.gov/pubmed/27753126</a>
Mulligan et al.	2016	Photodegradation of clothianidin under simulated California rice field conditions	<a href="https://www.ncbi.nlm.nih.gov/pubmed/26374572">https://www.ncbi.nlm.nih.gov/pubmed/26374572</a>
Sadaria et al.	2016	Mass Balance Assessment for Six Neonicotinoid Insecticides During Conventional Wastewater and Wetland Treatment: Nationwide Reconnaissance in United States Wastewater	<a href="http://pubs.acs.org/doi/abs/10.1021/acs.est.6b01032">http://pubs.acs.org/doi/abs/10.1021/acs.est.6b01032</a>
Pochini and Hoverman	2016	Reciprocal effects of pesticides and pathogens on amphibian hosts: The importance of exposure order and timing*	<a href="http://www.sciencedirect.com/science/article/pii/S026974911632468X">http://www.sciencedirect.com/science/article/pii/S026974911632468X</a>

Chretien et al.	2017	Surface runoff and subsurface tile drain losses of neonicotinoids and companion herbicides at edge-of-field*	<a href="https://www.ncbi.nlm.nih.gov/pubmed/28209433">https://www.ncbi.nlm.nih.gov/pubmed/28209433</a>
Aregahegn et al.	2017	Photochemistry of Thin Solid Films of the Neonicotinoid Imidacloprid on Surfaces	<a href="http://pubs.acs.org/doi/abs/10.1021/acs.est.6b04842">http://pubs.acs.org/doi/abs/10.1021/acs.est.6b04842</a>
Miles et al.	2017	Effects of clothianidin on aquatic communities: Evaluating the impacts of lethal and sublethal exposure to neonicotinoids	<a href="http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0174171">http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0174171</a>
Hladik et al.	2017	Neonicotinoid insecticide removal by prairie strips in row-cropped watersheds with historical seed coating use	<a href="https://pubs.er.usgs.gov/publication/70185702">https://pubs.er.usgs.gov/publication/70185702</a>
Klarich et al.	2017	Occurrence of Neonicotinoid Insecticides in Finished Drinking Water and Fate during Drinking Water Treatment	<a href="http://pubs.acs.org/doi/abs/10.1021/acs.estlett.7b00081">http://pubs.acs.org/doi/abs/10.1021/acs.estlett.7b00081</a>

## Impacts to Non-Target Species

Author	Year	Title	Link
Walker	2002	Neurotoxic Pesticides and Behavioural Effects Upon Birds	<a href="https://www.ncbi.nlm.nih.gov/pubmed/12739877">https://www.ncbi.nlm.nih.gov/pubmed/12739877</a>
Mullin et al.	2005	Toxic and Behavioral Effects to Carabidae of Seed Treatments Used on Cry3Bb1- and Cry1Ab/c-Protected Corn	<a href="http://ee.oxfordjournals.org/content/34/6/1626.abstract">http://ee.oxfordjournals.org/content/34/6/1626.abstract</a>
Biesmeijer et al.	2006	Parallel Declines in Pollinators and Insect-Pollinated Plants in Britain and the Netherlands	<a href="http://www.sciencemag.org/content/313/5785/351.short">http://www.sciencemag.org/content/313/5785/351.short</a>
Cloyd & Dickinson	2006	Effect of Insecticides on Mealybug Destroyer and Parasitoid <i>Leptomastix dactylopii</i> , Natural Enemies of Citrus Mealybug	<a href="http://jee.oxfordjournals.org/content/99/5/1596.abstract">http://jee.oxfordjournals.org/content/99/5/1596.abstract</a>
Lounsbury	2008	Pollinators and Pesticides Escalating crisis demands action	<a href="http://beyondpesticides.org/info/services/pesticidesandyou/Fall08/pollinators.pdf">http://beyondpesticides.org/info/services/pesticidesandyou/Fall08/pollinators.pdf</a>
Kindemba	2009	The impact of neonicotinoid insecticides on bumblebees, Honey bees and other non-target invertebrates (revised)	<a href="http://www.beyondpesticides.org/pollinators/Neonicotinoid%20insecticides%20report-1.pdf">http://www.beyondpesticides.org/pollinators/Neonicotinoid%20insecticides%20report-1.pdf</a>
Moser & Obrycki	2009	Non-target effects of neonicotinoid seed treatments; mortality of coccinellid larvae related to zoophytophagy	<a href="http://www.sciencedirect.com/science/article/pii/S1049964409002291">http://www.sciencedirect.com/science/article/pii/S1049964409002291</a>



Stavrinides & Mills	2009	Demographic effects of pesticides on biological control of Pacific spider mite ( <i>Tetranychus pacificus</i> ) by the western predatory mite ( <i>Galendromus occidentalis</i> )	<a href="http://www.sciencedirect.com/science/article/pii/S104996440800282X">http://www.sciencedirect.com/science/article/pii/S104996440800282X</a>
Antary et al.	2010	Toxicity of Certain Insecticides to the Parasitoid <i>Diaeretiella rapae</i> and its Host, the Cabbage Aphid <i>Brevicoryne brassicae</i>	<a href="http://www.researchgate.net/publication/228888860_Toxicity_of_Certain_Insecticides_to_the_Parasitoid_Diaeretiella_Rapae_(Mcin_tosh)(Hymenoptera_Aphidiidae)_and_its_Host_the_Cabbage_Aphid_Brevicoryne">http://www.researchgate.net/publication/228888860_Toxicity_of_Certain_Insecticides_to_the_Parasitoid_Diaeretiella_Rapae_(Mcin_tosh)(Hymenoptera_Aphidiidae)_and_its_Host_the_Cabbage_Aphid_Brevicoryne</a>
Tennekes	2010	The systemic insecticides: a disaster in the making	<a href="http://www.disasterinthemaking.com/">http://www.disasterinthemaking.com/</a>
Hoy et al.	2011	Observations of <i>Brachygnathia Superior</i> in Wild Ruminants in Western Montana, USA	<a href="http://socpvs.org/journals/index.php/wbp/article/viewFile/10.2461-wbp.2011.7.13/252">http://socpvs.org/journals/index.php/wbp/article/viewFile/10.2461-wbp.2011.7.13/252</a>
Oliveira et al.	2011	Desensitization of nicotinic acetylcholine receptors in the central nervous system neurons of the stick insect ( <i>Carausius morosus</i> ) by imidacloprid and sulfoximine insecticides	<a href="http://www.sciencedirect.com/science/article/pii/S0965174811001457">http://www.sciencedirect.com/science/article/pii/S0965174811001457</a>
Saber	2011	Acute and population level toxicity of imidacloprid and fenpyroximate on an important egg parasitoid, <i>Trichogramma cacoeciae</i>	<a href="https://www.ncbi.nlm.nih.gov/pubmed/21647819">https://www.ncbi.nlm.nih.gov/pubmed/21647819</a>
Tennekes	2011	The significance of the Druckery-Kupfmuller equation for risk assesment--the toxicity of neonicotinoid insecticides to arthropods is reinforced by exposure time	<a href="http://www.ncbi.nlm.nih.gov/pubmed/20803795">http://www.ncbi.nlm.nih.gov/pubmed/20803795</a>
He et al.	2012	Lethal effect of imidacloprid on the coccinellid predator <i>Serangium japonicum</i> and sublethal effects on predator voracity and on functional response to the whitefly <i>Bemisia tabaci</i>	<a href="http://link.springer.com/article/10.1007/s10646-012-0883-6">http://link.springer.com/article/10.1007/s10646-012-0883-6</a>
Hoffman & Castle	2012	Imidacloprid in Melon Guttation Fluid: A Potential Mode of Exposure for Pest and Beneficial Organisms	<a href="http://jee.oxfordjournals.org/content/105/1/67.abstract">http://jee.oxfordjournals.org/content/105/1/67.abstract</a>
James & Xu	2012	Mechanisms by which pesticides affect insect immunity	<a href="http://www.sciencedirect.com/science/article/pii/S0022201111002540">http://www.sciencedirect.com/science/article/pii/S0022201111002540</a>
Amasekare & Shearer	2013	Comparing Effects of Insecticides on Two Green Lacewings Species, <i>Chrysoperla johnsoni</i> and <i>Chrysoperla carnea</i>	<a href="http://jee.oxfordjournals.org/content/106/3/1126.abstract">http://jee.oxfordjournals.org/content/106/3/1126.abstract</a>

Barbieri et al.	2013	A neurotoxic pesticide changes the outcome of aggressive interactions between native and invasive ants	<a href="http://rspsb.royalsocietypublishing.org/content/280/1772/20132157.short">http://rspsb.royalsocietypublishing.org/content/280/1772/20132157.short</a>
Easton & Goulson	2013	The Neonicotinoid Insecticide Imidacloprid Repels Pollinating Flies and Beetles at Field-Realistic Concentrations	<a href="http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0054819">http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0054819</a>
Fogel et al.	2013	Impact of the neonicotinoid acetamiprid on immature stages of the predator Eriopis connexa	<a href="http://link.springer.com/article/10.1007/s10646-013-1094-5#page-1">http://link.springer.com/article/10.1007/s10646-013-1094-5#page-1</a>
Mineau & Palmer	2013	The Impact of the Nation's Most Widely Used Insecticides on Birds	<a href="http://extension.entm.purdue.edu/neonicotinoids/PDF/TheImpactoftheNationsMostWidelyUsedInsecticidesonBirds.pdf">http://extension.entm.purdue.edu/neonicotinoids/PDF/TheImpactoftheNationsMostWidelyUsedInsecticidesonBirds.pdf</a>
Mineau & Whiteside	2013	Pesticide Acute Toxicity Is A Better Correlate of US Grassland Bird Declines than Agricultural Intensification	<a href="http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0057457">http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0057457</a>
Rahmani & Bandani	2013	Sublethal concentrations of thiamethoxam adversely affect life table parameters of the aphid predator, Hippodamia variegata	<a href="http://www.sciencedirect.com/science/article/pii/S0261219413002019">http://www.sciencedirect.com/science/article/pii/S0261219413002019</a>
Rahmani et al.	2013	Effects of thiamethoxam in sublethal concentrations, on life expectancy and some other biological characteristics of Hippodamia variegata	<a href="http://www.boerenlandvogels.nl/sites/default/files/Rahmani%20S%202013%20IRJABS.pdf">http://www.boerenlandvogels.nl/sites/default/files/Rahmani%20S%202013%20IRJABS.pdf</a>
Tokumoto et al.	2013	Effects of Exposure to Clothianidin on the Reproductive System of Male Quails	<a href="https://www.jstage.jst.go.jp/article/jvms/75/6/75_12-0544/article">https://www.jstage.jst.go.jp/article/jvms/75/6/75_12-0544/article</a>
Bijleveld van Lexmond et al.	2014	Worldwide integrated assessment on systemic pesticides	<a href="http://link.springer.com/article/10.1007/s11356-014-3220-1">http://link.springer.com/article/10.1007/s11356-014-3220-1</a>
Bredeson et al.	2014	The effects of insecticide dose and herbivore density on tri-trophic effects of thiamethoxam in a system involving wheat, aphids, and ladybeetles	<a href="http://www.sciencedirect.com/science/article/pii/S0261219414003822">http://www.sciencedirect.com/science/article/pii/S0261219414003822</a>
Gontijo et al.	2014	Non-target effects of two sunflower seed treatments on Orius insidiosus (Hemiptera:Anthocoridae)	<a href="http://onlinelibrary.wiley.com/doi/10.1002/ps.3798/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false">http://onlinelibrary.wiley.com/doi/10.1002/ps.3798/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false</a>
Gontijo et al.	2014	Non-target effects of chlorantraniliprole and thiamethoxam on Chrysoperla carnea when employed as sunflower seed treatments	<a href="http://link.springer.com/article/10.1007/s10340-014-0611-5">http://link.springer.com/article/10.1007/s10340-014-0611-5</a>
Goulson	2014	Pesticides linked to bird declines	<a href="http://www.researchgate.net/publication/264056414_ECOLOGY_Pesticides_linked_to_bird_declines">http://www.researchgate.net/publication/264056414_ECOLOGY_Pesticides_linked_to_bird_declines</a>

Hallmann et al.	2014	Declines in insectivorous birds are associated with high neonicotinoid concentrations	<a href="http://www.ncbi.nlm.nih.gov/pubmed/25030173">http://www.ncbi.nlm.nih.gov/pubmed/25030173</a>
Li et al.	2014	Acute and sublethal effects of neonicotinoids and pymetrozine on an important egg parasitoid, <i>Trichogramma ostrinae</i> (Hymenoptera: Trichogrammatidae)	<a href="http://www.tandfonline.com/doi/abs/10.1080/09583157.2014.957163">http://www.tandfonline.com/doi/abs/10.1080/09583157.2014.957163</a>
Lopez-Anita et al.	2014	Imidacloprid-treated seed in gestation has lethal effect on adult partridges and reduces both breeding investment and offspring immunity	<a href="http://www.sciencedirect.com/science/article/pii/S0013935114003879">http://www.sciencedirect.com/science/article/pii/S0013935114003879</a>
Martinou et al.	2014	Lethal and behavioral effects of pesticides on the insect predator <i>Macrolophus pygmaeus</i>	<a href="http://www.sciencedirect.com/science/article/pii/S0045653513014239">http://www.sciencedirect.com/science/article/pii/S0045653513014239</a>
Pandey & Mohanty	2014	The neonicotinoid pesticide imidacloprid and the dithiocarbamate fungicide mancozeb disrupt the pituitary–thyroid axis of a wildlife bird	<a href="http://www.sciencedirect.com/science/article/pii/S0045653514013848">http://www.sciencedirect.com/science/article/pii/S0045653514013848</a>
Rondeau et al.	2014	Delayed and time-cumulative toxicity of imidacloprid in bees, ants and termites	<a href="http://www6.inra.fr/ecotox/Productions/Articles-a-comite-de-lecture/Articles-des-membres-du-reseau-ECOTOX/Title-Delayed-and-time-cumulative-toxicity-of-imidacloprid-in-bees-ants-and-termites">http://www6.inra.fr/ecotox/Productions/Articles-a-comite-de-lecture/Articles-des-membres-du-reseau-ECOTOX/Title-Delayed-and-time-cumulative-toxicity-of-imidacloprid-in-bees-ants-and-termites</a>
Simon-Delso et al.	2014	Systemic insecticides (neonicotinoids and fipronil): trends, uses, mode of action and metabolites	<a href="http://link.springer.com/article/10.1007/s11356-014-3470-y#page-1">http://link.springer.com/article/10.1007/s11356-014-3470-y#page-1</a>
Yu et al.	2014	Impact of imidacloprid on life-cycle development of <i>Coccinella septempunctata</i> in laboratory microcosms	<a href="http://www.sciencedirect.com/science/article/pii/S014765131400400X">http://www.sciencedirect.com/science/article/pii/S014765131400400X</a>
Krischik et al.	2015	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	<a href="http://www.ncbi.nlm.nih.gov/pubmed/25799432">http://www.ncbi.nlm.nih.gov/pubmed/25799432</a>
Pecenka & Lundren	2015	Non-target effects of clothianidin on monarch butterflies	<a href="http://www.ncbi.nlm.nih.gov/pubmed/25839080">http://www.ncbi.nlm.nih.gov/pubmed/25839080</a>
Sen et al.	2015	Molecular Signatures of Nicotinoid-Pathogen Synergy in the Termite Gut	<a href="http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0123391">http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0123391</a>

Whitehorn et al.	2015	Sex allocation theory reveals a hidden cost of neonicotinoid exposure in a parasitoid wasp	<a href="http://rsob.royalsocietypublishing.org/content/282/1807/20150389">http://rsob.royalsocietypublishing.org/content/282/1807/20150389</a>
Wang et al.	2015	Sublethal Effect of Imidacloprid on <i>Solenopsis invicta</i> (Hymenoptera: Formicidae) Feeding, Digging, and Foraging Behavior	<a href="http://ee.oxfordjournals.org/content/early/2015/08/13/ee.nvv127">http://ee.oxfordjournals.org/content/early/2015/08/13/ee.nvv127</a>
Gilburn	2015	Are neonicotinoid insecticides driving declines of widespread butterflies? Individual and Joint Acute Toxicities of Selected	<a href="https://peerj.com/articles/1402/">https://peerj.com/articles/1402/</a>
Yu et al.	2015	Insecticides Against <i>Bombyx mori</i> (Lepidoptera: Bombycidae)	<a href="https://jee.oxfordjournals.org/content/early/2015/11/06/jee.tov316.full">https://jee.oxfordjournals.org/content/early/2015/11/06/jee.tov316.full</a>
van den Brink et al.	2015	Acute and chronic toxicity of neonicotinoids to nymphs of a mayfly species and some notes on seasonal differences.	<a href="http://www.ncbi.nlm.nih.gov/pubmed/26419398">http://www.ncbi.nlm.nih.gov/pubmed/26419398</a>
Bro et al.	2016	Residues of plant protection products in grey partridge eggs in French cereal ecosystems	<a href="http://www.ncbi.nlm.nih.gov/pubmed/26841780">http://www.ncbi.nlm.nih.gov/pubmed/26841780</a>
Thiel and Kohler	2016	A sublethal imidacloprid concentration alters foraging and competition behaviour of ants	<a href="https://www.researchgate.net/publication/296329463_A_sublethal_imidacloprid_concentration_alters_foraging_and_competition_behaviour_of_ants">https://www.researchgate.net/publication/296329463_A_sublethal_imidacloprid_concentration_alters_foraging_and_competition_behaviour_of_ants</a>
Wanumen et al.	2016	Residual Acute Toxicity of Some Modern Insecticides Toward Two Mirid Tomato Pests	<a href="http://jee.oxfordjournals.org/content/109/3/1079">http://jee.oxfordjournals.org/content/109/3/1079</a>
Lopez-Anita et al.	2016	Risk assessment of pesticide seed treatment for farmland birds	<a href="http://onlinelibrary.wiley.com/doi/10.1111/1365-2664.12668/abstract">http://onlinelibrary.wiley.com/doi/10.1111/1365-2664.12668/abstract</a>
Fogel et al.	2016	Toxicity assessment of four insecticides with different modes of action on pupae and adults of <i>Eriopis connexa</i> (Coleoptera: Coccinellidae), a relevant predator of the Neotropical Region	<a href="http://link.springer.com/article/10.1007/s11356-016-6654-9">http://link.springer.com/article/10.1007/s11356-016-6654-9</a>
Botias et al.	2016	Contamination of wild plants near neonicotinoid seed-treated crops, and implications for non-target insects	<a href="http://www.sciencedirect.com/science/article/pii/S0048969716309950">http://www.sciencedirect.com/science/article/pii/S0048969716309950</a>
Wang et al.	2016	Imidacloprid exposure suppresses neural crest cells generation during early chick embryo development	<a href="http://www.ncbi.nlm.nih.gov/pubmed/27195532">http://www.ncbi.nlm.nih.gov/pubmed/27195532</a>

Cavallaro et al.	2016	Comparative chronic toxicity of imidacloprid, clothianidin, and thiamethoxam to <i>Chironomus Dilutus</i> and estimation of toxic equivalency factors	<a href="http://onlinelibrary.wiley.com/doi/10.1002/etc.3536/abstract">http://onlinelibrary.wiley.com/doi/10.1002/etc.3536/abstract</a>
Camp and Buchwalter	2016	Can't take the heat: Temperature-enhanced toxicity in the mayfly <i>Isonychia bicolor</i> exposed to the neonicotinoid insecticide imidacloprid	<a href="https://www.researchgate.net/publication/305486717_Can't_take_the_heat_Temperature-enhanced_toxicity_in_the_mayfly_Isonychia_bicolor_exposed_to_the_neonicotinoid_insecticide_imidacloprid">https://www.researchgate.net/publication/305486717_Can't_take_the_heat_Temperature-enhanced_toxicity_in_the_mayfly_Isonychia_bicolor_exposed_to_the_neonicotinoid_insecticide_imidacloprid</a>
Mateo et al.	2016	Risk assessment of lead poisoning and pesticide exposure in the declining population of red-breasted goose ( <i>Brantaruficollis</i> ) wintering in Eastern Europe	<a href="http://www.sciencedirect.com/science/article/pii/S0013935116303000">http://www.sciencedirect.com/science/article/pii/S0013935116303000</a>
Forister et al.	2016	Increasing neonicotinoid use and the declining butterfly fauna of lowland California	<a href="http://rsbl.royalsocietypublishing.org/content/12/8/20160475">http://rsbl.royalsocietypublishing.org/content/12/8/20160475</a>
Donley	2016	Toxic Concoctions: How the EPA ignores the dangers of toxic cocktails	<a href="https://www.biologicaldiversity.org/campaigns/pesticides_reduction/pdfs/Toxic_concoctions.pdf">https://www.biologicaldiversity.org/campaigns/pesticides_reduction/pdfs/Toxic_concoctions.pdf</a>
Heimbach et al.	2016	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	<a href="http://link.springer.com/article/10.1007/s10646-016-1724-9">http://link.springer.com/article/10.1007/s10646-016-1724-9</a>
Milot et al.	2016	Field evidence of bird poisonings by imidacloprid-treated seeds: a review of incidents reported by the French SAGIR network from 1995 to 2014	<a href="http://link.springer.com/article/10.1007/s11356-016-8272-y">http://link.springer.com/article/10.1007/s11356-016-8272-y</a>
van Gestel et al.	2017	Multigeneration toxicity of imidacloprid and thiacloprid to <i>Folsomia candida</i>	<a href="http://link.springer.com/article/10.1007/s10646-017-1765-8">http://link.springer.com/article/10.1007/s10646-017-1765-8</a>
Pandey et al.	2017	Endocrine disrupting pesticides impair the neuroendocrine regulation of reproductive behaviors and secondary sexual characters of red munia ( <i>Amandava amandava</i> )	<a href="http://www.sciencedirect.com/science/article/pii/S0031938416307697">http://www.sciencedirect.com/science/article/pii/S0031938416307697</a>
Tappert et al.	2017	Sublethal doses of imidacloprid disrupt sexual communication and host finding in a parasitoid wasp	<a href="http://www.nature.com/articles/srep42756">http://www.nature.com/articles/srep42756</a>

Pandey and Mohanty	2017	Disruption of the hypothalamic-pituitary-thyroid axis on co-exposures to dithiocarbamate and neonicotinoid pesticides: Study in a wildlife bird, <i>Amandava amandava</i>	<a href="https://www.ncbi.nlm.nih.gov/pubmed/28237669">https://www.ncbi.nlm.nih.gov/pubmed/28237669</a>
Ade et al.	2010	Effects of an Insecticide and Potential Predators on Green Frogs and Northern Cricket Frogs	<a href="http://www.bioone.org/doi/abs/10.1670/09-140.1">http://www.bioone.org/doi/abs/10.1670/09-140.1</a>
Liess & Beketov	2011	Traits and stress: keys to identify community effects of low levels of toxicants in test systems	<a href="http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3134711/">http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3134711/</a>
Tennekes & Sanchez-Bayo	2011	Time-Dependent Toxicity of Neonicotinoids and Other Toxicants: Implications for a New Approach to Risk Assessment	<a href="http://www.boerenlandvogels.nl/sites/default/files/Tennekes_Sanchez-Bayo_JEAT_2011_Review%20Article_4.pdf">http://www.boerenlandvogels.nl/sites/default/files/Tennekes_Sanchez-Bayo_JEAT_2011_Review%20Article_4.pdf</a>
Brooks et al.	2012	Large carabid beetle declines in a United Kingdom monitoring network increases evidence for a widespread loss in insect biodiversity	<a href="http://onlinelibrary.wiley.com/doi/10.1111/j.1365-2664.2012.02194.x/full">http://onlinelibrary.wiley.com/doi/10.1111/j.1365-2664.2012.02194.x/full</a>
Usaj et al.	2013	Determination of toxicity of neonicotinoids on the genome level using chemogenomics in yeast	<a href="http://www.sciencedirect.com/science/article/pii/S0045653513014975">http://www.sciencedirect.com/science/article/pii/S0045653513014975</a>
Mansoor et al.	2014	Post-exposure temperature influence on the toxicity of conventional and new chemistry insecticides to green lacewing <i>Chrysoperla carnea</i> (Stephens) (Neuroptera: Chrysopidae)	<a href="http://www.sciencedirect.com/science/article/pii/S1319562X14001375">http://www.sciencedirect.com/science/article/pii/S1319562X14001375</a>
Nazari et al.	2016	Effects of pyriproxyfen and imidacloprid on mortality and reproduction of <i>Menochilus sexmaculatus</i> (Coleoptera: Coccinellidae), predator of <i>Agonoscena pistaciae</i>	<a href="http://jcp.modares.ac.ir/article_13912_5344.html">http://jcp.modares.ac.ir/article_13912_5344.html</a>
Pochini and Hoverman	2016	Reciprocal effects of pesticides and pathogens on amphibian hosts: The importance of exposure order and timing*	<a href="http://www.sciencedirect.com/science/article/pii/S026974911632468X">http://www.sciencedirect.com/science/article/pii/S026974911632468X</a>
Robinson et al.	2017	Sublethal effects on wood frogs chronically exposed to environmentally relevant concentrations of two neonicotinoid insecticides	<a href="https://www.ncbi.nlm.nih.gov/pubmed/28248437">https://www.ncbi.nlm.nih.gov/pubmed/28248437</a>
Vijver et al.	2017	Postregistration Monitoring of Pesticides is Urgently Required to Protect Ecosystems	<a href="http://onlinelibrary.wiley.com/doi/10.1002/etc.3721/full">http://onlinelibrary.wiley.com/doi/10.1002/etc.3721/full</a>

Carmargo et al.	2017	Thiamethoxam Toxicity and Effects on Consumption Behavior in Orius insidiosus (Hemiptera: Anthocoridae) on Soybean	<a href="https://www.ncbi.nlm.nih.gov/pubmed/28369319">https://www.ncbi.nlm.nih.gov/pubmed/28369319</a>
Schmitz et al.	2017	DECLINE OF GAME BIRDS (PHASIANUS COLCHICUS AND PERDIX PERDIX) IN BAVARIA: A SURVEY ON PATHOGENIC BACTERIA, PARASITES, PESTICIDE RESIDUES, AND INFLUENCE OF SET-ASIDE LAND AND MAIZE CULTIVATION	<a href="https://www.ncbi.nlm.nih.gov/pubmed/28363041">https://www.ncbi.nlm.nih.gov/pubmed/28363041</a>
Taliansky-Chamudis et al.	2017	Validation of a QuEChERS method for analysis of neonicotinoids in small volumes of blood and assessment of exposure in Eurasian eagle owl (Bubo bubo) nestlings.	<a href="https://www.ncbi.nlm.nih.gov/pubmed/28376431">https://www.ncbi.nlm.nih.gov/pubmed/28376431</a>
Benamu et al.	2017	Nanostructural and mechanical property changes to spider silk as a consequence of insecticide exposure	<a href="https://www.ncbi.nlm.nih.gov/pubmed/28445817">https://www.ncbi.nlm.nih.gov/pubmed/28445817</a>

## Lack of Efficacy and Resistance Studies

Author	Year	Title	Link
Wilde et al.	1998	Direct effect of the systemic insecticide imidacloprid (Gaucho) on yield of grain sorghum	<a href="https://dl.sciencesocieties.org/publications/jpa/abstracts/12/3/382">https://dl.sciencesocieties.org/publications/jpa/abstracts/12/3/382</a> <a href="http://serials.unibo.it/cgi-ser/start/it/spogli/dfs.tcl?prog_art=8312560&amp;language=ITALIANO&amp;view=articoli">http://serials.unibo.it/cgi-ser/start/it/spogli/dfs.tcl?prog_art=8312560&amp;language=ITALIANO&amp;view=articoli</a>
Wilde et al.	2001	Seed Treatment for Control of Wheat Insects and Its Effect on Yield	<a href="http://www.sciencedirect.com/science/article/pii/S026121940200698">http://www.sciencedirect.com/science/article/pii/S026121940200698</a>
Pons & Albajes	2002	Control of maize pests with imidacloprid seed dressing treatment in Catalonia (NE Iberian Peninsula) under traditional crop conditions	<a href="http://www.scielo.br/scielo.php?pid=S0100-204X2003000400003&amp;script=sci_arttext">http://www.scielo.br/scielo.php?pid=S0100-204X2003000400003&amp;script=sci_arttext</a>
Torres et al.	2003	Toxicity of pymetrozine and thiamethoxam to Aphelinus gossypii and Delphastus pusillus	<a href="http://bee-life.eu/medias/temp/el-05iobcbullettin05furlanipm-1.pdf">http://bee-life.eu/medias/temp/el-05iobcbullettin05furlanipm-1.pdf</a>
Furlan	2005	An IPM approach targeted against wireworms: What has been done and what has to be done	<a href="http://bee-life.eu/medias/temp/el-05iobcbullettin05furlanipm-1.pdf">http://bee-life.eu/medias/temp/el-05iobcbullettin05furlanipm-1.pdf</a>

Ishaaya et al.	2005	Effect of the Surfactant BB5 on the Potency of Thiamethoxam against the Whitefly <i>Bemisia tabaci</i>	<a href="http://link.springer.com/article/10.1007/BF02980925">http://link.springer.com/article/10.1007/BF02980925</a>
Ragsdale et al.	2007	Economic Threshold for Soybean Aphid (Hemiptera: Aphididae)	<a href="http://jee.oxfordjournals.org/content/100/4/1258.abstract">http://jee.oxfordjournals.org/content/100/4/1258.abstract</a>
Cox et al.	2008	Planting Date and Seed Treatment Effects on Soybean in the Northeastern United States	<a href="https://dl.sciencesocieties.org/publications/aj/abstracts/100/6/1662">https://dl.sciencesocieties.org/publications/aj/abstracts/100/6/1662</a>
Johnson et al.	2008	Is Preventative, Concurrent Management of the Soybean Aphid (Hemiptera: Aphididae) and Bean Leaf Beetle (Coleoptera: Chrysomelidae) Possible?	<a href="http://lib.dr.iastate.edu/cgi/viewcontent.cgi?article=1011&amp;context=ent_pubs">http://lib.dr.iastate.edu/cgi/viewcontent.cgi?article=1011&amp;context=ent_pubs</a>
Bueno et al.	2011	Effects of integrated pest management, biological control and prophylactic use of insecticides on the management and sustainability of soybean	<a href="http://www.sciencedirect.com/science/article/pii/S0261219411000640">http://www.sciencedirect.com/science/article/pii/S0261219411000640</a>
Pynenburg et al.	2011	Agronomic and economic assessment of intensive pest management of dry bean ( <i>Phaseolus vulgaris</i> )	<a href="http://www.sciencedirect.com/science/article/pii/S0261219410003571">http://www.sciencedirect.com/science/article/pii/S0261219410003571</a>
Tinsley et al.	2011	Field-level effects of preventative management tactics on soybean aphids ( <i>Aphis glycines</i> Matsumura) and their predators	<a href="http://onlinelibrary.wiley.com/doi/10.1111/j.1439-0418.2011.01656.x/abstract">http://onlinelibrary.wiley.com/doi/10.1111/j.1439-0418.2011.01656.x/abstract</a>
Reisig et al.	2012	Impact of Neonicotinoid Seed Treatments on Thrips (Thysanoptera: Thripidae) and Soybean Yield in Virginia and North Carolina	<a href="http://jee.oxfordjournals.org/content/105/3/884.abstract">http://jee.oxfordjournals.org/content/105/3/884.abstract</a>
Seagraves & Lundgren	2012	Effects of neonicotinoid seed treatments on soybean aphid and its natural enemies	<a href="http://link.springer.com/article/10.1007/s10340-011-0374-1">http://link.springer.com/article/10.1007/s10340-011-0374-1</a>
Castle et al.	2013	Comparative Susceptibility of <i>Bemisia tabaci</i> to Imidacloprid in Field- and Laboratory-Based Bioassays	<a href="http://onlinelibrary.wiley.com/doi/10.1002/ps.3717/abstract?deniedAccessCustomisedMessage=&amp;seriesIsAuthenticated=false">http://onlinelibrary.wiley.com/doi/10.1002/ps.3717/abstract?deniedAccessCustomisedMessage=&amp;seriesIsAuthenticated=false</a>
Huseth	2013	Colonization Patterns and Diapause Ecology of Colorado Potato Beetle, Interaction with Neonicotinoid Pesticide	<a href="http://depot.library.wisc.edu/repository/fedora/1711.dl:4ORV7EQKX4HOW82/datastreams/REF/content">http://depot.library.wisc.edu/repository/fedora/1711.dl:4ORV7EQKX4HOW82/datastreams/REF/content</a>
Lundgren & Duan	2013	RNAi-Based Insecticidal Crops: Potential Effects on Nontarget Species	<a href="http://bioscience.oxfordjournals.org/content/63/8/657.short">http://bioscience.oxfordjournals.org/content/63/8/657.short</a>
Malaquis et al.	2013	Imidacloprid affects the functional response of predator <i>Podisus nigrispinus</i> (Dallas) (Heteroptera: Pentatomidae) to strains of <i>Spodoptera frugiperda</i> (J.E. Smith) on Bt cotton	<a href="http://link.springer.com/article/10.1007/s10646-013-1162-x">http://link.springer.com/article/10.1007/s10646-013-1162-x</a>



Mole et al.	2013	Neonicotinoid Restrictions Present a Unique Opportunity to Introduce Safer Agro-Ecological Approaches to Pest Management	<a href="http://www.ingentaconnect.com/content/resinf/opm/2013/00000024/00000004/art00004">http://www.ingentaconnect.com/content/resinf/opm/2013/00000024/00000004/art00004</a>
Smith et al.	2013	Effects of Aldicarb and Neonicotinoid Seed Treatments on Twospotted Spider Mite on Cotton	<a href="http://jee.oxfordjournals.org/content/106/2/807.abstract">http://jee.oxfordjournals.org/content/106/2/807.abstract</a>
Szczepaniec et al.	2013	Neonicotinoid Insecticides Alter Induced Defenses and Increase Susceptibility to Spider Mites in Distantly Related Crop Plants	<a href="http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3643937/">http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3643937/</a>
Clavet et al.	2014	Clothianidin and Imidacloprid Residues in <i>Poa annua</i> (Poales: Poaceae) and Their Effects on <i>Listronotus maculicollis</i> (Coleoptera: Curculionidae)	<a href="http://jee.oxfordjournals.org/content/107/6/2095.abstract">http://jee.oxfordjournals.org/content/107/6/2095.abstract</a>
Douglas et al.	2014	Neonicotinoid insecticide travels through a soil food chain, disrupting biological control of non-target pests and decreasing soybean yield	<a href="http://onlinelibrary.wiley.com/doi/10.1111/1365-2664.12372/abstract">http://onlinelibrary.wiley.com/doi/10.1111/1365-2664.12372/abstract</a>
Furlan & Kreutzweiser	2014	Alternatives to neonicotinoid insecticides for pest control: case studies in agriculture and forestry	<a href="http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4284368/">http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4284368/</a>
Huseth et al.	2014	Variable concentration of soil-applied insecticides in potato over time: implications for management of <i>Leptinotarsa decemlineata</i>	<a href="http://onlinelibrary.wiley.com/doi/10.1002/ps.3740/abstract;jsessionid=B9B9C55D4F045D00D5AFCB79C2F802F2.f04t01?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false">http://onlinelibrary.wiley.com/doi/10.1002/ps.3740/abstract;jsessionid=B9B9C55D4F045D00D5AFCB79C2F802F2.f04t01?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false</a>
Li et al.	2014	Acute and sublethal effects of neonicotinoids and pymetrozine on an important egg parasitoid, <i>Trichogramma ostrinia</i> (Hymenoptera: Trichogrammatidae)	<a href="http://www.tandfonline.com/doi/abs/10.1080/09583157.2014.957163">http://www.tandfonline.com/doi/abs/10.1080/09583157.2014.957163</a>
Tangtrakulwanich	2014	Developing nominal threshold levels for <i>Phyllotreta cruciferae</i> (Coleoptera: Chrysomelidae) damage on canola in Montana, USA	<a href="http://www.sciencedirect.com/science/article/pii/S0261219414002671">http://www.sciencedirect.com/science/article/pii/S0261219414002671</a>
Bass et al.	2015	The global status of insect resistance to neonicotinoid insecticides	<a href="http://www.sciencedirect.com/science/article/pii/S0048357515000826">http://www.sciencedirect.com/science/article/pii/S0048357515000826</a>
Cox et al.	2007	The Effect of Clothianidin Seed Treatments on Corn Growth following Soybean	<a href="https://dl.sciencesocieties.org/publications/cs/abstracts/47/6/2482">https://dl.sciencesocieties.org/publications/cs/abstracts/47/6/2482</a>
Perry et al.	2011	The biology of insecticidal activity and resistance	<a href="http://www.sciencedirect.com/science/article/pii/S0965174811000622">http://www.sciencedirect.com/science/article/pii/S0965174811000622</a>

Mansoor et al.	2014	Post-exposure temperature influence on the toxicity of conventional and new chemistry insecticides to green lacewing <i>Chrysoperla carnea</i> (Stephens) (Neuroptera: Chrysopidae)	<a href="http://www.sciencedirect.com/science/article/pii/S1319562X14001375">http://www.sciencedirect.com/science/article/pii/S1319562X14001375</a>
Rodriguez et al.	2014	<i>Allium cepa</i> and <i>Tradescantia pallida</i> bioassays to evaluate effects of the insecticide imidacloprid	<a href="http://www.sciencedirect.com/science/article/pii/S004565351400993X">http://www.sciencedirect.com/science/article/pii/S004565351400993X</a>
Nazari et al.	2016	Effects of pyriproxyfen and imidacloprid on mortality and reproduction of <i>Menochilus sexmaculatus</i> (Coleoptera: Coccinellidae), predator of <i>Agonoscena pistaciae</i>	<a href="http://jcp.modares.ac.ir/article_13912_5344.html">http://jcp.modares.ac.ir/article_13912_5344.html</a>
Alford and Krupke	2017	Translocation of the neonicotinoid seed treatment clothianidin in maize	<a href="http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0173836">http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0173836</a>

## Soil Studies

Author	Year	Title	Link
Pons & Albajes	2002	Control of maize pests with imidacloprid seed dressing treatment in Catalonia (NE Iberian Peninsula) under traditional crop conditions	<a href="http://www.sciencedirect.com/science/article/pii/S0261219402000698">http://www.sciencedirect.com/science/article/pii/S0261219402000698</a>
Furlan et al.	2006	The ineffectiveness of insecticide seed coatings and planting-time soil insecticides as <i>Diabrotica virgifera virgifera</i> LeConte population suppressors	<a href="http://onlinelibrary.wiley.com/doi/10.1111/j.1439-0418.2006.01103.x/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false">http://onlinelibrary.wiley.com/doi/10.1111/j.1439-0418.2006.01103.x/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false</a>
Kreutzweiser et al.	2009	Imidacloprid in leaves from systemically treated trees may inhibit litter breakdown by non-target invertebrates	<a href="http://www.sciencedirect.com/science/article/pii/S0147651308002406">http://www.sciencedirect.com/science/article/pii/S0147651308002406</a>
Dittbrenner et al.	2010	Earthworm cast production as a new behavioural biomarker for toxicity testing	<a href="http://www.sciencedirect.com/science/article/pii/S0269749109004515">http://www.sciencedirect.com/science/article/pii/S0269749109004515</a>
Stoner & Eitzer	2012	Movement of Soil-Applied Imidacloprid and Thiamethoxam into Nectar and Pollen of Squash ( <i>Cucurbita pepo</i> )	<a href="http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0039114">http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0039114</a>
Wang et al.	2012	Comparative acute toxicity of twenty-four insecticides to earthworm, <i>Eisenia fetida</i>	<a href="http://www.sciencedirect.com/science/article/pii/S0147651311004738">http://www.sciencedirect.com/science/article/pii/S0147651311004738</a>
Goulson	2013	An overview of the environmental risks posed by neonicotinoid insecticides	<a href="http://onlinelibrary.wiley.com/doi/10.1111/1365-2664.12111/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false">http://onlinelibrary.wiley.com/doi/10.1111/1365-2664.12111/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false</a>

Pelosi et al..	2013	Pesticides and earthworms. A review	<a href="http://link.springer.com/article/10.1007%2Fs13593-013-0151-z">http://link.springer.com/article/10.1007%2Fs13593-013-0151-z</a>
Radwan & Mohamed	2013	Imidacloprid induced alterations in enzyme activities and energy reserves of the land snail, <i>Helix aspersa</i>	<a href="http://www.sciencedirect.com/science/article/pii/S0147651313002108">http://www.sciencedirect.com/science/article/pii/S0147651313002108</a> <a href="http://farmlandbirds.net/sites/default/files/InTech-Impact_of_systemic_insecticides_on_organisms_and_ecosystems_0.pdf">http://farmlandbirds.net/sites/default/files/InTech-Impact_of_systemic_insecticides_on_organisms_and_ecosystems_0.pdf</a>
Sanchez-Bayo et al.	2013	Impact of Systemic Insecticides on Organisms and Ecosystems	<a href="http://www.sciencedirect.com/science/article/pii/S0147651313002108">http://www.sciencedirect.com/science/article/pii/S0147651313002108</a>
Smith et al.	2013	Effects of Aldicarb and Neonicotinoid Seed Treatments on Twospotted Spider Mite on Cotton	<a href="http://jee.oxfordjournals.org/content/106/2/807.abstract">http://jee.oxfordjournals.org/content/106/2/807.abstract</a>
Bijleveld van Lexmond et al.	2014	Worldwide integrated assessment on systemic pesticides	<a href="http://link.springer.com/article/10.1007/s11356-014-3220-1">http://link.springer.com/article/10.1007/s11356-014-3220-1</a>
Chagnon et al.	2014	Risks of large-scale use of systemic insecticides to ecosystem functioning and services	<a href="http://link.springer.com/article/10.1007/s11356-014-3277-x">http://link.springer.com/article/10.1007/s11356-014-3277-x</a>
Cycon & Piotrowska-Seget	2014	Biochemical and microbial soil functioning after application of the insecticide imidacloprid	<a href="http://www.sciencedirect.com/science/article/pii/S1001074214002010">http://www.sciencedirect.com/science/article/pii/S1001074214002010</a>
Douglas et al.	2014	Neonicotinoid insecticide travels through a soil food chain, disrupting biological control of non-target pests and decreasing soybean yield	<a href="http://onlinelibrary.wiley.com/doi/10.1111/1365-2664.12372/abstract">http://onlinelibrary.wiley.com/doi/10.1111/1365-2664.12372/abstract</a>
Huseth & Groves	2014	Environmental Fate of Soil Applied Neonicotinoid Insecticides in an Irrigated Potato Agroecosystem	<a href="http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0097081">http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0097081</a>
Jones et al.	2014	Neonicotinoid Concentrations in Arable Soils After Seed Treatment Applications in Preceding Years	<a href="http://onlinelibrary.wiley.com/doi/10.1002/ps.3836/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false">http://onlinelibrary.wiley.com/doi/10.1002/ps.3836/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false</a>
van der Sluijs et al.	2014	Conclusions of the Worldwide Integrated Assessment on the risks of neonicotinoids and fipronil to biodiversity and ecosystem functioning	<a href="http://link.springer.com/article/10.1007/s11356-014-3229-5#page-1">http://link.springer.com/article/10.1007/s11356-014-3229-5#page-1</a>
Wang et al.	2014	Ternary toxicological interactions of insecticides, herbicides, and a heavy metal on the earthworm <i>Eisenia fetida</i>	<a href="http://www.sciencedirect.com/science/article/pii/S0304389414009170">http://www.sciencedirect.com/science/article/pii/S0304389414009170</a>
Babendreier et al.	2015	Non-target effects of insecticides, entomopathogenic fungi and nematodes applied against western corn rootworm larvae in maize	<a href="http://onlinelibrary.wiley.com/doi/10.1111/jen.12229/abstract">http://onlinelibrary.wiley.com/doi/10.1111/jen.12229/abstract</a>
EA SAC	2015	Ecosystem services, agriculture and neonicotinoids	<a href="http://www.easac.eu/home/reports-and-statements/detail-view/article/ecosystem-se.html">http://www.easac.eu/home/reports-and-statements/detail-view/article/ecosystem-se.html</a>

Filimon et al.	2015	The effect of some insecticides on soil microorganisms based on enzymatic and bacteriological analyses	<a href="http://www.rombio.eu/rbl3vol20/9.pdf">http://www.rombio.eu/rbl3vol20/9.pdf</a>
Krischik et al.	2015	Soil-Applied Imidacloprid Translocates to Ornamental Flowers and Reduces Survival of Adult Coleomegilla maculata, Harmonia axyridis, and Hippodamia convergens Lady Beetles, and Larval Danaus plexippus and Vanessa cardui Butterflies	<a href="http://www.ncbi.nlm.nih.gov/pubmed/25799432">http://www.ncbi.nlm.nih.gov/pubmed/25799432</a>
Moscardini et al.	2015	Sublethal effects of insecticide seed treatments on two nearctic lady beetles (Coleoptera: Coccinellidae)	<a href="http://www.researchgate.net/publication/275336249_Sublethal_effects_of_insecticide_seed_treatments_on_two_nearctic_lady_beetles_(Coleoptera_Coccinellidae)">http://www.researchgate.net/publication/275336249_Sublethal_effects_of_insecticide_seed_treatments_on_two_nearctic_lady_beetles_(Coleoptera_Coccinellidae)</a>
Santos et al.	2015	Imidacloprid-mediated effects on survival and fertility of the Neotropical brown stink bug Euschistus heros	<a href="http://link.springer.com/article/10.1007%2Fs10340-015-0666-y">http://link.springer.com/article/10.1007%2Fs10340-015-0666-y</a>
Limay-Rios et al.	2015	NEONICOTINOID INSECTICIDE RESIDUES IN SOIL DUST AND ASSOCIATED PARENT SOIL IN FIELDS WITH A HISTORY OF SEED TREATMENT USE ON CROPS IN SOUTHWESTERN ONTARIO	<a href="http://www.ncbi.nlm.nih.gov/pubmed/26395849">http://www.ncbi.nlm.nih.gov/pubmed/26395849</a>
Smith et al.	2016	Evidence for indirect effects of pesticide seed treatments on weed seed banks in maize and soybean	<a href="http://www.sciencedirect.com/science/article/pii/S0167880915301158">http://www.sciencedirect.com/science/article/pii/S0167880915301158</a>
Thiel and Kohler	2016	A sublethal imidacloprid concentration alters foraging and competition behaviour of ants	<a href="https://www.researchgate.net/publication/296329463_A_sublethal_imidacloprid_concentration_alters_foraging_and_competition_behaviour_of_ants">https://www.researchgate.net/publication/296329463_A_sublethal_imidacloprid_concentration_alters_foraging_and_competition_behaviour_of_ants</a>
Thompson et al.	2015	Monitoring the effects of thiamethoxam applied as a seed treatment to winter oilseed rape on the development of bumblebee (Bombus terrestris) colonies	<a href="http://onlinelibrary.wiley.com/doi/10.1002/ps.4202/pdf">http://onlinelibrary.wiley.com/doi/10.1002/ps.4202/pdf</a>
Karl et al.	2016	Under-vine Management Impacts Soil Properties and Leachate Composition in a New York State Vineyard	<a href="http://hortsci.ashspublications.org/content/51/7/941.abstract">http://hortsci.ashspublications.org/content/51/7/941.abstract</a>
Wettstein et al.	2016	Leaching of the Neonicotinoids Thiamethoxam and Imidacloprid from Sugar Beet Seed Dressings to Subsurface Tile Drains	<a href="http://pubs.acs.org/doi/abs/10.1021/acs.jafc.6b02619">http://pubs.acs.org/doi/abs/10.1021/acs.jafc.6b02619</a>

Zaller et al.	2016	Pesticide seed dressings can affect the activity of various soil organisms and reduce decomposition of plant material	<a href="https://www.ncbi.nlm.nih.gov/pubmed/27534619">https://www.ncbi.nlm.nih.gov/pubmed/27534619</a>
Douglas and Tooker	2016	Meta-analysis reveals that seed-applied neonicotinoids and pyrethroids have similar negative effects on abundance of arthropod natural enemies	<a href="https://peerj.com/articles/2776.aspx">https://peerj.com/articles/2776.aspx</a>
Aregahegn et al.	2017	Photochemistry of Thin Solid Films of the Neonicotinoid Imidacloprid on Surfaces	<a href="http://pubs.acs.org/doi/abs/10.1021/acs.est.6b04842">http://pubs.acs.org/doi/abs/10.1021/acs.est.6b04842</a>
van Housel et al.	2017	Single and Combined Effects of Pesticide Seed Dressings and Herbicides on Earthworms, Soil Microorganisms, and Litter Decomposition	<a href="https://www.ncbi.nlm.nih.gov/pubmed/28270821">https://www.ncbi.nlm.nih.gov/pubmed/28270821</a>
Chauhan et al.	2013	Sorption - desorption of imidacloprid insecticide in Indian soils of five different locations	<a href="https://scholar.google.com/scholar?hl=en&amp;as_sdt=0,9&amp;q=Sorption+-desorption+of+imidacloprid+insecticide+in+India+soils+of+five+different+locations">https://scholar.google.com/scholar?hl=en&amp;as_sdt=0,9&amp;q=Sorption+-desorption+of+imidacloprid+insecticide+in+India+soils+of+five+different+locations</a>
Chen et al.	2013	Comparative and combined acute toxicity of butachlor, imidacloprid and chlorpyrifos on earthworm, Eisenia fetida	<a href="http://www.sciencedirect.com/science/article/pii/S0045653513016883">http://www.sciencedirect.com/science/article/pii/S0045653513016883</a>
Nettles et al.	2016	Influence of pesticide seed treatments on rhizosphere fungal and bacterial communities and leaf fungal endophyte communities in maize and soybean	<a href="https://www.researchgate.net/publication/297485407_Influence_of_pesticide_seed_treatments_on_rhizosphere_fungal_and_bacterial_communities_and_leaf_fungal_endophyte_communities_in_maize_and_soybean">https://www.researchgate.net/publication/297485407_Influence_of_pesticide_seed_treatments_on_rhizosphere_fungal_and_bacterial_communities_and_leaf_fungal_endophyte_communities_in_maize_and_soybean</a>
Alford and Krupke	2017	Translocation of the neonicotinoid seed treatment clothianidin in maize	<a href="http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0173836">http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0173836</a>
Hladik et al.	2017	Neonicotinoid insecticide removal by prairie strips in row-cropped watersheds with historical seed coating use	<a href="https://pubs.er.usgs.gov/publication/70185702">https://pubs.er.usgs.gov/publication/70185702</a>

## Mammalian Toxicity

Author	Year	Title	Link
--------	------	-------	------

Chao & Casida	1997	Interaction of Imidacloprid Metabolites and Analogs with the Nicotinic Acetylcholine Receptor of Mouse Brain in Relation to Toxicity	<a href="http://www.sciencedirect.com/science/article/pii/S0048357597922847">http://www.sciencedirect.com/science/article/pii/S0048357597922847</a>
D'Amour & Casida	1999	Desnitroimidacloprid and Nicotine Binding Site in Rat Recombinant $\alpha 4\beta 2$ Neuronal Nicotinic Acetylcholine Receptor	<a href="http://www.sciencedirect.com/science/article/pii/S0048357599924094">http://www.sciencedirect.com/science/article/pii/S0048357599924094</a>
Okumoto & Ozo	2001	Evaluation of Affinity of Neonicotinoid Insecticides for Rat Brain Nicotinic Acetylcholine Receptors by [3H] Epibatidine-Binding Assay	<a href="http://agris.fao.org/agris-search/search.do?recordID=JP2002005449">http://agris.fao.org/agris-search/search.do?recordID=JP2002005449</a>
Tomizawa et al.	2001	Analgesic and Toxic Effects of Neonicotinoid Insecticides in Mice	<a href="http://www.sciencedirect.com/science/article/pii/S0041008X01992920">http://www.sciencedirect.com/science/article/pii/S0041008X01992920</a>
Brunet et al.	2004	Human Intestinal Absorption of Imidacloprid with Caco-2 Cells as Enterocyte Model	<a href="http://www.sciencedirect.com/science/article/pii/S0041008X03004162">http://www.sciencedirect.com/science/article/pii/S0041008X03004162</a>
Craig et al.	2005	Human Exposure to Imidacloprid from Dogs Treated with Advantage R	<a href="http://informahealthcare.com/doi/abs/10.1080/15376520590968842">http://informahealthcare.com/doi/abs/10.1080/15376520590968842</a>
Feng et al.	2005	Assessing the genotoxicity of imidacloprid and RH-5849 in human peripheral blood lymphocytes in vitro with comet assay and cytogenetic tests	<a href="http://www.sciencedirect.com/science/article/pii/S0147651304001770">http://www.sciencedirect.com/science/article/pii/S0147651304001770</a>
Green et al.	2005	Thiamethoxam Induced Mouse Liver Tumors and Their Relevance to Humans - Part 1: Mode of Action Studies in the Mouse	<a href="http://toxsci.oxfordjournals.org/content/86/1/36.short">http://toxsci.oxfordjournals.org/content/86/1/36.short</a>
Green et al.	2005	Thiamethoxam Induced Mouse Liver Tumors and Their Relevance to Humans - Part 2: Species Differences in Response	<a href="http://toxsci.oxfordjournals.org/content/86/1/48.full">http://toxsci.oxfordjournals.org/content/86/1/48.full</a>
Karabay et al.	2005	Cytogenic and genotoxic effects of the insecticides, imidacloprid and methamidophos	<a href="http://www.funpecrp.com.br/gmr/year2005/vol4-4/gmr0134_full_text.htm">http://www.funpecrp.com.br/gmr/year2005/vol4-4/gmr0134_full_text.htm</a>
Pastoor et al.	2005	Case Study: Weight of Evidence Evaluation of the Human Health Relevance of Thiamethoxam-Related Mouse Liver Tumors	<a href="http://www.ncbi.nlm.nih.gov/pubmed/15716475">http://www.ncbi.nlm.nih.gov/pubmed/15716475</a>
Tomizawa & Casida	2005	Neonicotinoid Insecticide Toxicology: Mechanisms of Selective Action	<a href="http://www.annualreviews.org/doi/abs/10.1146/annurev.pharmtox.45.120403.095930">http://www.annualreviews.org/doi/abs/10.1146/annurev.pharmtox.45.120403.095930</a>
Ford & Casida	2006	Unique and Common Metabolites of Thiamethoxam, Clothianidin, and Dinoteguran in Mice	<a href="http://pubs.acs.org/doi/abs/10.1021/tx0601859">http://pubs.acs.org/doi/abs/10.1021/tx0601859</a>

Kocaman & Topaktas	2007	In Vitro Evaluation of the Genotoxicity of Acetamiprid in Human Peripheral Blood Lymphocytes	<a href="http://onlinelibrary.wiley.com/doi/10.1002/em.20309/abstract">http://onlinelibrary.wiley.com/doi/10.1002/em.20309/abstract</a>
Abou-Donia et al.	2008	Imidacloprid Induces Neurobehavioral Deficits and Increases Expression of Glial Fibrillary Acidic Protein in the Motor Cortex and Hippocampus in Offspring Rats Following in Utero Exposure	<a href="http://www.ncbi.nlm.nih.gov/pubmed/18080902">http://www.ncbi.nlm.nih.gov/pubmed/18080902</a>
Brunet et al.	2008	Intestinal absorption of the acetamiprid neonicotinoid by Caco-2 cells: Transepithelial transport, cellular uptake and efflux	<a href="http://www.tandfonline.com/doi/abs/10.1080/03601230701771446">http://www.tandfonline.com/doi/abs/10.1080/03601230701771446</a>
Lounsbury	2008	Pollinators and Pesticides Escalating crisis demands action	<a href="http://beyondpesticides.org/info/services/pesticidesandyou/Fall08/pollinators.pdf">http://beyondpesticides.org/info/services/pesticidesandyou/Fall08/pollinators.pdf</a>
Shadnia	2008	Case Report: Fatal intoxication with imidacloprid insecticide	<a href="http://www.ncbi.nlm.nih.gov/pubmed/18534311">http://www.ncbi.nlm.nih.gov/pubmed/18534311</a>
Costa et al.	2009	Genotoxicity of imidacloprid in relation to metabolic activation and composition of the commercial product	<a href="http://www.sciencedirect.com/science/article/pii/S1383571808002970">http://www.sciencedirect.com/science/article/pii/S1383571808002970</a>
de Oliveira et al.	2009	Effects of the neonicotinoids thiamethoxam and clothianidin on in vivo dopamine release in rat striatum	<a href="http://www.sciencedirect.com/science/article/pii/S0378427409015021">http://www.sciencedirect.com/science/article/pii/S0378427409015021</a>
Mondal et al.	2009	Effects of Acetamiprid on Immune System in Female Wistar Rats	<a href="http://link.springer.com/article/10.1007/s12595-009-0012-6">http://link.springer.com/article/10.1007/s12595-009-0012-6</a>
Rodrigues et al.	2009	Behavioral and biochemical effects of neonicotinoid thiamethoxam on the cholinergic system in rats	<a href="http://www.sciencedirect.com/science/article/pii/S0147651309000979">http://www.sciencedirect.com/science/article/pii/S0147651309000979</a>
Bal et al.	2010	Assessing the effects of the neonicotinoid insecticide imidacloprid in the cholinergic synapses of the stellate cells of the mouse cochlear nucleus using whole-cell patch-clamp recording	<a href="http://www.sciencedirect.com/science/article/pii/S0161813X09002277">http://www.sciencedirect.com/science/article/pii/S0161813X09002277</a>
Bhardwaj et al.	2010	A 90 days oral toxicity of imidacloprid in female rats: Morphological, biochemical and histopathological evaluations	<a href="http://www.sciencedirect.com/science/article/pii/S0278691510000943">http://www.sciencedirect.com/science/article/pii/S0278691510000943</a>
Casida	2010	Neonicotinoid Metabolism: Compounds, Substituents, Pathways, Enzymes, Organisms, and Relevance	<a href="http://pubs.acs.org/doi/abs/10.1021/jf102438c">http://pubs.acs.org/doi/abs/10.1021/jf102438c</a>
Duzguner & Erdogan	2010	Acute oxidant and inflammatory effects of imidacloprid on the mammalian central nervous system and liver in rats	<a href="http://www.sciencedirect.com/science/article/pii/S0048357509001552">http://www.sciencedirect.com/science/article/pii/S0048357509001552</a>
Harris et al.	2010	National Study of Exposure to Pesticides among Professional Applicators: An Investigation Based on Urinary Biomarkers	<a href="http://pubs.acs.org/doi/abs/10.1021/jf101209g">http://pubs.acs.org/doi/abs/10.1021/jf101209g</a>

Imamura et al.	2010	Two cases of acute poisoning with acetamiprid in humans	<a href="http://www.ncbi.nlm.nih.gov/pubmed/20969506">http://www.ncbi.nlm.nih.gov/pubmed/20969506</a>
Najafi et al.	2010	The Effect of Chronic Exposure with Imidacloprid Insecticide on Fertility in Mature Male Rats	<a href="http://www.sid.ir/En/VEWSSID/J_pdf/107320100106.pdf">http://www.sid.ir/En/VEWSSID/J_pdf/107320100106.pdf</a>
Shalaby et al.	2010	Toxicological Potential of Thiamethoxam Insecticide on Albino Rats and its Residues in some Organs	<a href="https://www.researchgate.net/profile/Abdel_Razik_Farrag/publication/267367497_TOXICOLOGICAL_POTENTIAL_OF_THIAMETHOXAM_INSECTICIDE_ON_ALBINO_RATS_AND_ITS_RESIDUES_IN_SOME_ORGANS/links/546d133a0cf2193b94c57df3.pdf">https://www.researchgate.net/profile/Abdel_Razik_Farrag/publication/267367497_TOXICOLOGICAL_POTENTIAL_OF_THIAMETHOXAM_INSECTICIDE_ON_ALBINO_RATS_AND_ITS_RESIDUES_IN_SOME_ORGANS/links/546d133a0cf2193b94c57df3.pdf</a>
Aydin	2011	Effects of Thiacloprid, deltamethrin and their combination on oxidative stress in lymphoid organs, polymorphonuclear leukocytes and plasma of rats	<a href="http://www.sciencedirect.com/science/article/pii/S0048357511000617">http://www.sciencedirect.com/science/article/pii/S0048357511000617</a>
Hoy et al.	2011	Observations of Brachygnathia Superior in Wild Ruminants in Western Montana, USA	<a href="http://socpvs.org/journals/index.php/wbp/article/viewFile/10.2461-wbp.2011.7.13/252">http://socpvs.org/journals/index.php/wbp/article/viewFile/10.2461-wbp.2011.7.13/252</a>
Kapoor et al.	2011	Toxicological impact of technical imidacloprid on ovarian morphology, hormones and antioxidant enzymes in female rats	<a href="http://www.sciencedirect.com/science/article/pii/S0278691511004522">http://www.sciencedirect.com/science/article/pii/S0278691511004522</a>
Li et al.	2011	Activation and Modulation of Human $\alpha 4\beta 2$ Nicotinic Acetylcholine Receptors by the Neonicotinoids Clothiandin and Imidacloprid	<a href="http://onlinelibrary.wiley.com/doi/10.1002/jnr.22644/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false">http://onlinelibrary.wiley.com/doi/10.1002/jnr.22644/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false</a>
Mohany et al.	2011	Immunological and histological effects of exposure to imidacloprid insecticide in male albino rats	<a href="http://www.researchgate.net/publication/216640504_Immunological_and_histological_effects_of_exposure_to_imidacloprid_insecticide_in_male_albino_rats">http://www.researchgate.net/publication/216640504_Immunological_and_histological_effects_of_exposure_to_imidacloprid_insecticide_in_male_albino_rats</a>
Sekeroglu et al.	2011	Cytogenetic Effects of Commercial Formulations of Deltamethrin and/or Thiacloprid on Wistar Rat Bone Marrow Cells	<a href="http://onlinelibrary.wiley.com/doi/10.1002/tox.20746/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false">http://onlinelibrary.wiley.com/doi/10.1002/tox.20746/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false</a>
Zhang et al.	2011	Oxidative Stress: Role in Acetamiprid-Induced Impairment of the Male Mice Reproductive System	<a href="http://www.sciencedirect.com/science/article/pii/S1671292711600631">http://www.sciencedirect.com/science/article/pii/S1671292711600631</a>
Al-Sharqi et al.	2012	Histological Changes Induced By The Action of Actara 25 WG Insecticides in Mice	<a href="http://scienceandnature.org/IJABR_Vol2%284%292012/IJABR_V2%284%2937.pdf">http://scienceandnature.org/IJABR_Vol2%284%292012/IJABR_V2%284%2937.pdf</a>



Bal et al.	2012	Insecticide imidacloprid induces morphological and DNA damage through oxidative toxicity on the reproductive organs of developing male rats	<a href="http://onlinelibrary.wiley.com/doi/10.1002/cbf.2826/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false">http://onlinelibrary.wiley.com/doi/10.1002/cbf.2826/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false</a>
Bal et al.	2012	Effects of clothianidin exposure on sperm quality, testicular apoptosis and fatty acid composition in developing male rats	<a href="http://link.springer.com/article/10.1007/s10565-012-9215-0">http://link.springer.com/article/10.1007/s10565-012-9215-0</a>
Bal et al.	2012	Assessment of imidacloprid toxicity on reproductive organ system of adult male rats	<a href="http://www.tandfonline.com/doi/abs/10.1080/03601234.2012.663311">http://www.tandfonline.com/doi/abs/10.1080/03601234.2012.663311</a>
Calderon-Segura et al.	2012	Evaluation of Genotoxic and Cytotoxic Effects in Human Peripheral Blood Lymphocytes Exposed In Vitro to Neonicotinoid Pesticides	<a href="http://www.hindawi.com/journal/s/jt/2012/612647/abs/">http://www.hindawi.com/journal/s/jt/2012/612647/abs/</a>
Cavas et al.	2012	In Vitro Genotoxicity Evaluation of Acetamiprid in CaCo2 Cells Using the Micronucleus, Comet and Gamma-H2AX Foci Assays	<a href="http://www.sciencedirect.com/science/article/pii/S0048357512001320">http://www.sciencedirect.com/science/article/pii/S0048357512001320</a>
Kimura-Kuroda et al.	2012	Nicotine-like Effects of the Neonicotinoid Insecticides Acetamiprid and Imidacloprid on Cerebellar Neurons from Neonatal Rats	<a href="http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0032432">http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0032432</a>
Kocaman et al.	2012	In Vitro Investigation of the Genotoxic and Cytotoxic Effects of Thiacloprid in Cultured Human Peripheral Blood Lymphocytes	<a href="http://onlinelibrary.wiley.com/doi/10.1002/tox.21790/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false">http://onlinelibrary.wiley.com/doi/10.1002/tox.21790/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false</a>
Mondal et al.	2012	Studies on the electrolytes and microelements in Wistar rat following multiple exposures to acetamiprid	<a href="http://tjh.sagepub.com/content/early/2011/09/15/0748233711413800.abstract">http://tjh.sagepub.com/content/early/2011/09/15/0748233711413800.abstract</a>
Shelton et al.	2012	Tipping the Balance of Autism Risk: Potential Mechanisms Linking Pesticides and Autism	<a href="http://ehp.niehs.nih.gov/1104553/?utm_source=rss&amp;utm_medium=rss&amp;utm_campaign=1104553">http://ehp.niehs.nih.gov/1104553/?utm_source=rss&amp;utm_medium=rss&amp;utm_campaign=1104553</a>
Singh et al.	2012	Induced Acetamiprid Toxicity in Mice: A Review	<a href="http://omicsonline.org/2157-7609/2157-7609-3-e115.pdf">http://omicsonline.org/2157-7609/2157-7609-3-e115.pdf</a>
Singh et al.	2012	Acetamiprid Induces Toxicity in Mice under Experimental Conditions with Prominent Effect on the Hematobiochemical Parameters	<a href="http://www.omicsonline.org/acetamiprid-induces-toxicity-in-mice-under-experimental-conditions-with-prominent-effect-on-the-hematobiochemical-parameters-2157-7609.1000134.php?aid=10312">http://www.omicsonline.org/acetamiprid-induces-toxicity-in-mice-under-experimental-conditions-with-prominent-effect-on-the-hematobiochemical-parameters-2157-7609.1000134.php?aid=10312</a>

Swenson & Casida	2012	Neonicotinoid formaldehyde generators: possible mechanism of mouse-specific hepatotoxicity/hepatocarcinogenicity of thiamethoxam	<a href="http://www.sciencedirect.com/science/article/pii/S0378427412014075">http://www.sciencedirect.com/science/article/pii/S0378427412014075</a>
Tanaka	2012	Effects of maternal clothianidin exposure on behavioral development in F1 generation mice	<a href="http://tih.sagepub.com/content/28/8/697.short">http://tih.sagepub.com/content/28/8/697.short</a>
Tanaka	2012	Reproductive and Neurobehavioral Effects of Clothianidin Administered to Mice in the Diet	<a href="http://onlinelibrary.wiley.com/doi/10.1002/bdrb.20349/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false">http://onlinelibrary.wiley.com/doi/10.1002/bdrb.20349/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false</a>
Wang et al.	2012	Acetamiprid Residues in Male Mice and its Effect on Liver Function	<a href="http://docsdrive.com/pdfs/medwelljournals/javaa/2012/2706-2710.pdf">http://docsdrive.com/pdfs/medwelljournals/javaa/2012/2706-2710.pdf</a>
Badgujar et al.	2013	Immunotoxic effects of imidacloprid following 28 days of oral exposure in BALB/c mice	<a href="http://www.sciencedirect.com/science/article/pii/S1382668913000148">http://www.sciencedirect.com/science/article/pii/S1382668913000148</a>
Bednarska et al.	2013	A toxicokinetic model for thiamethoxam in rats: implications for higher-tier risk assessment	<a href="http://link.springer.com/article/10.1007/s10646-013-1047-z">http://link.springer.com/article/10.1007/s10646-013-1047-z</a>
Casida & Durkin	2013	Neuroactive Insecticides: Targets, Selectivity, Resistance, and Secondary Effects	<a href="http://www.annualreviews.org/doi/abs/10.1146/annurev-ento-120811-153645">http://www.annualreviews.org/doi/abs/10.1146/annurev-ento-120811-153645</a>
Ding et al.	2013	Characteristics and Essences upon Conjugation of Imidacloprid with Two Model Proteins	<a href="http://pubs.acs.org/doi/abs/10.1021/jf3048065">http://pubs.acs.org/doi/abs/10.1021/jf3048065</a>
Gawade et al.	2013	A detailed study of developmental immunotoxicity of imidacloprid in Wistar rats	<a href="http://www.sciencedirect.com/science/article/pii/S0278691512006825">http://www.sciencedirect.com/science/article/pii/S0278691512006825</a>
Goulson	2013	An overview of the environmental risks posed by neonicotinoid insecticides	<a href="http://onlinelibrary.wiley.com/doi/10.1111/1365-2664.12111/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false">http://onlinelibrary.wiley.com/doi/10.1111/1365-2664.12111/abstract?deniedAccessCustomisedMessage=&amp;userIsAuthenticated=false</a>
Greenop et al.	2013	Exposure to pesticides and the risk of childhood brain tumors	<a href="http://link.springer.com/article/10.1007/s10552-013-0205-1">http://link.springer.com/article/10.1007/s10552-013-0205-1</a>
Gu et al.	2013	Reproductive Effects of Two Neonicotinoid Insecticides on Mouse Sperm Function and Early Embryonic Development In Vitro	<a href="http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3726447/">http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3726447/</a>
Ince et al.	2013	The role of thymoquinone as antioxidant protection on oxidative stress induced by imidacloprid in male and female Swiss albino mice	<a href="http://www.tandfonline.com/doi/abs/10.1080/02772248.2013.764672">http://www.tandfonline.com/doi/abs/10.1080/02772248.2013.764672</a>

Jovanov et al.	2013	Development of multiresidue DLLME and QuEChERS based LC–MS/MS method for determination of selected neonicotinoid insecticides in honey liqueur	<a href="http://www.sciencedirect.com/science/article/pii/S0963996913005796">http://www.sciencedirect.com/science/article/pii/S0963996913005796</a>
Kauer Toor et al.	2013	Imidacloprid induced histological and biochemical alterations in liver of female albino rats	<a href="http://www.sciencedirect.com/science/article/pii/S0048357512001617">http://www.sciencedirect.com/science/article/pii/S0048357512001617</a>
Kim et al.	2013	Imidacloprid, a neonicotinoid insecticide, induces insulin resistance	<a href="https://www.jstage.jst.go.jp/article/jts/38/5/38_655/_article">https://www.jstage.jst.go.jp/article/jts/38/5/38_655/_article</a>
Laycock et al.	2013	Effects of the neonicotinoid pesticide thiamethoxam at field-realistic levels on microcolonies of <i>Bombus terrestris</i> worker bumble bees	<a href="http://www.sciencedirect.com/science/article/pii/S0147651313004703">http://www.sciencedirect.com/science/article/pii/S0147651313004703</a>
Malik et al.	2013	Cytogenic effects of the insecticides: imidacloprid and lambda cyhalothrin in mice	<a href="http://ir.inflibnet.ac.in:8080/jspui/handle/10603/7852">http://ir.inflibnet.ac.in:8080/jspui/handle/10603/7852</a>
Nomura et al.	2013	Quantitation of neonicotinoid insecticides in human urine using GC-MS	<a href="http://www.sciencedirect.com/science/article/pii/S1570023213005503">http://www.sciencedirect.com/science/article/pii/S1570023213005503</a>
Park et al.	2013	Imidacloprid, a neonicotinoid insecticide, potentiate adipogenesis in 3T3-L1 adipocytes	<a href="http://pubs.acs.org/doi/abs/10.1021/jf3039814">http://pubs.acs.org/doi/abs/10.1021/jf3039814</a>
Pezzoli & Cereda	2013	Exposure to pesticides or solvents and risk of Parkinson disease	<a href="http://www.neurology.org/content/80/22/2035.short">http://www.neurology.org/content/80/22/2035.short</a>
Prasanna & Vardhani	2013	Effect of Imidacloprid on the Biochemical Contents of Kidneys in Male Swiss Albino Mice	<a href="http://www.beyondpesticides.org/pollinators/documents/PrasannaandVardhani_2013_Effectofimidaclopridonbiochemicalcontentsofkidneysinmaleswissalbino.pdf">http://www.beyondpesticides.org/pollinators/documents/PrasannaandVardhani_2013_Effectofimidaclopridonbiochemicalcontentsofkidneysinmaleswissalbino.pdf</a>
Shahzadi et al.	2013	Identification of pesticides residues in different samples of milk	<a href="http://www.journal-of-agroalimentary.ro/admin/articole/51059L28_Vol_19_2_2013_167-172.pdf">http://www.journal-of-agroalimentary.ro/admin/articole/51059L28_Vol_19_2_2013_167-172.pdf</a>
Soujanya	2013	Biochemical, haematology changes by imidacloprid	<a href="http://worldwidejournals.com/paripex/articles.php?val=MTM0MQ==&amp;b1=437&amp;k=110">http://worldwidejournals.com/paripex/articles.php?val=MTM0MQ==&amp;b1=437&amp;k=110</a>
Swenson & Casida	2013	Aldehyde Oxidase Importance In Vivo in Xenobiotic Metabolism: Imidacloprid Nitroreduction in Mice	<a href="http://toxsci.oxfordjournals.org/content/early/2013/03/04/toxsci.kft066.short">http://toxsci.oxfordjournals.org/content/early/2013/03/04/toxsci.kft066.short</a>
Taira et al.	2013	Qualitative Profiling and Quantification of Neonicotinoid Metabolites in Human Urine by Liquid Chromatography Coupled with Mass Spectrometry	<a href="http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0080332">http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0080332</a>

Tennekes & Sanchez-Bayo	2013	The molecular basis of simple relationships between exposure concentration and toxic effects with time	<a href="http://www.sciencedirect.com/science/article/pii/S0300483X1300111X">http://www.sciencedirect.com/science/article/pii/S0300483X1300111X</a>
Arfat et al.	2014	Effect of imidacloprid on hepatotoxicity and nephrotoxicity in male albino mice	<a href="http://www.sciencedirect.com/science/article/pii/S2214750014000675">http://www.sciencedirect.com/science/article/pii/S2214750014000675</a>
Bhaskar & Mohanty	2014	Pesticides in mixture disrupt metabolic regulation: In silico and in vivo analysis of cumulative toxicity of mancozeb and imidacloprid on body weight of mice	<a href="http://www.sciencedirect.com/science/article/pii/S0016648014000501">http://www.sciencedirect.com/science/article/pii/S0016648014000501</a>
Bijleveld van Lexmond et al.	2014	Worldwide integrated assessment on systemic pesticides	<a href="http://link.springer.com/article/10.1007/s11356-014-3220-1">http://link.springer.com/article/10.1007/s11356-014-3220-1</a>
Chen et al.	2014	Quantitative analysis of neonicotinoid insecticide residues in foods: implication for dietary exposure	<a href="http://pubs.acs.org/doi/abs/10.1021/jf501397m">http://pubs.acs.org/doi/abs/10.1021/jf501397m</a>
Delso et al.	2014	Systemic insecticides (neonicotinoids and fipronil): trends, uses, mode of action and metabolites	<a href="http://link.springer.com/article/10.1007/s11356-014-3470-y">http://link.springer.com/article/10.1007/s11356-014-3470-y</a>
Devan et al.	2014	Immunotoxicity assessment of sub-chronic oral administration of acetamiprid in Wistar rats	<a href="http://informahealthcare.com/doi/abs/10.3109/01480545.2014.966382">http://informahealthcare.com/doi/abs/10.3109/01480545.2014.966382</a> <a href="http://download.springer.com/static/pdf/490/art%253A10.1007%252Fs11356-014-3180-5.pdf?originUrl=http%3A%2F%2Flink.springer.com%2Farticle%2F10.1007%2Fs11356-014-3180-5&amp;token2=exp=1442439933~acl=%2Fstatic%2Fpdf%2F490%2Fart%25253A10.1007%25252Fs11356-014-318">http://download.springer.com/static/pdf/490/art%253A10.1007%252Fs11356-014-3180-5.pdf?originUrl=http%3A%2F%2Flink.springer.com%2Farticle%2F10.1007%2Fs11356-014-3180-5&amp;token2=exp=1442439933~acl=%2Fstatic%2Fpdf%2F490%2Fart%25253A10.1007%25252Fs11356-014-318</a>
Gibbons et al.	2014	A review of the direct and indirect effects of neonicotinoids and fipronil on vertebrate wildlife	<a href="http://link.springer.com%2Farticle%2F10.1007%2Fs11356-014-3180-5&amp;token2=exp=1442439933~acl=%2Fstatic%2Fpdf%2F490%2Fart%25253A10.1007%25252Fs11356-014-318">http://link.springer.com%2Farticle%2F10.1007%2Fs11356-014-3180-5&amp;token2=exp=1442439933~acl=%2Fstatic%2Fpdf%2F490%2Fart%25253A10.1007%25252Fs11356-014-318</a>
Grandjean & Landrigan	2014	Neurobehavioural effects of developmental toxicity	<a href="http://www.sciencedirect.com/science/article/pii/S1474442213702783">http://www.sciencedirect.com/science/article/pii/S1474442213702783</a>
Koureas et al.	2014	Increased levels of oxidative DNA damage in pesticide sprayers in Thessaly Region (Greece). Implications of pesticide exposure	<a href="http://www.sciencedirect.com/science/article/pii/S0048969714010924">http://www.sciencedirect.com/science/article/pii/S0048969714010924</a>
Kumar et al.	2014	Determination of Mutagenic Potential of Imidacloprid in Salmonella Typhimurium-TA 98 and TA 100 Following Bacterial Reverse Mutation Assay	<a href="http://www.ripublication.com/ijbr_spl/ijbbrv4n7spl_09.pdf">http://www.ripublication.com/ijbr_spl/ijbbrv4n7spl_09.pdf</a>

Kumar et al.	2014	Effect of sublethal doses of imidacloprid on histological and biochemical parameters in female albino mice	<a href="https://scholar.google.com/scholar?q=Effect+of+sublethal+doses+of+imidacloprid+on+histological+and+biochemical+parameters+in+female+albino+mice&amp;btnG=&amp;hl=en&amp;as_sdt=0%2C9">https://scholar.google.com/scholar?q=Effect+of+sublethal+doses+of+imidacloprid+on+histological+and+biochemical+parameters+in+female+albino+mice&amp;btnG=&amp;hl=en&amp;as_sdt=0%2C9</a>
Kumiko Taira	2014	Human neonicotinoids exposure in Japan	<a href="http://www.asahikawa-med.ac.jp/dept/mc/healthy/jsce/jjce23_1_14.pdf">http://www.asahikawa-med.ac.jp/dept/mc/healthy/jsce/jjce23_1_14.pdf</a>
Larramendy et al.	2014	Genotoxicity and Cytotoxicity Exerted by pesticides in Different Biotic Matrices-An Overview of More Than a Decade of Experimental Evaluation	<a href="http://omicsonline.org/open-access/genotoxicity-and-cytotoxicity-exerted-by-pesticides-in-different-biotic-matrices-an-overview-of-more-than-a-decade-of-experimental-evaluation-2161-0525.1000225.pdf">http://omicsonline.org/open-access/genotoxicity-and-cytotoxicity-exerted-by-pesticides-in-different-biotic-matrices-an-overview-of-more-than-a-decade-of-experimental-evaluation-2161-0525.1000225.pdf</a>
Lonare et al.	2014	Evaluation of imidacloprid-induced neurotoxicity in male rats: A protective effect of curcumin	<a href="http://www.sciencedirect.com/science/article/pii/S0197018614002083">http://www.sciencedirect.com/science/article/pii/S0197018614002083</a>
Memon et al.	2014	Histopathological Changes in the Gonads of Male Rabbits ( <i>Oryctolagus Cuniculus</i> ) on exposure to imidacloprid insecticide	<a href="http://www.entomoljournal.com/vol2Issue4/pdf/85.1.pdf">http://www.entomoljournal.com/vol2Issue4/pdf/85.1.pdf</a>
Mesnage et al.	2014	Major Pesticides Are More Toxic to Human Cells Than Their Declared Active Principles	<a href="http://www.hindawi.com/journals/bmri/2014/179691/abs/">http://www.hindawi.com/journals/bmri/2014/179691/abs/</a>
Mondal et al.	2014	Toxicopathological changes on Wistar rat after multiple exposures to acetamiprid	<a href="http://www.veterinaryworld.org/Vol.7/December-2014/5.pdf">http://www.veterinaryworld.org/Vol.7/December-2014/5.pdf</a>
Ozdemir et al.	2014	Determination of the effects on learning and memory performance and related gene expressions of clothianidin in rat models	<a href="http://www.ncbi.nlm.nih.gov/pubmed/25206934">http://www.ncbi.nlm.nih.gov/pubmed/25206934</a>
Sauer et al.	2014	Liver $\delta$ -Aminolevulinatase Dehydratase Activity is Inhibited by Neonicotinoids and Restored by Antioxidant Agents	<a href="http://www.mdpi.com/1660-4601/11/11/11676/htm">http://www.mdpi.com/1660-4601/11/11/11676/htm</a>
Ueyama et al.	2014	Biological Monitoring Method for Urinary Neonicotinoid Insecticides Using LC-MS/MS and Its Application to Japanese Adults	<a href="http://joh.sanei.or.jp/pdf/E56/E56_6_05.pdf">http://joh.sanei.or.jp/pdf/E56/E56_6_05.pdf</a>
van der Sluijs et al.	2014	Conclusions of the Worldwide Integrated Assessment on the risks of neonicotinoids and fipronil to biodiversity and ecosystem functioning	<a href="http://link.springer.com/article/10.1007/s11356-014-3229-5#page-1">http://link.springer.com/article/10.1007/s11356-014-3229-5#page-1</a>

Vohra et al.	2014	Physiological, biochemical and histological alterations induced by administration of imidacloprid in female albino rats	<a href="http://www.sciencedirect.com/science/article/pii/S004835751400042X">http://www.sciencedirect.com/science/article/pii/S004835751400042X</a>
Keil et al.	2014	Autism spectrum disorder, flea and tick medication, and adjustments for exposure misclassification: the CHARGE (Childhood Autism Risks from Genetics and Environment) case-control study	<a href="http://www.biomedcentral.com/content/pdf/1476-069x-13-3.pdf">http://www.biomedcentral.com/content/pdf/1476-069x-13-3.pdf</a>
Bianchi et al.	2015	Toxicogenetic effects of low concentrations of the pesticides imidacloprid and sulfentrazone individually and in combination in in vitro tests with HepG2 cells and Salmonella typhimurium	<a href="http://www.sciencedirect.com/science/article/pii/S0147651315002638">http://www.sciencedirect.com/science/article/pii/S0147651315002638</a>
Smith et al.	2015	Effects of decreases of animal pollinators on human nutrition and global health: a modelling analysis	<a href="http://www.thelancet.com/journals/lancet/article/PIIS0140-6736(15)61085-6/abstract">http://www.thelancet.com/journals/lancet/article/PIIS0140-6736(15)61085-6/abstract</a>
Telo et al.	2015	Residues of Thiamethoxam and Chlorantranilprole in Rice Grain	<a href="http://pubs.acs.org/doi/abs/10.1021/jf5042504">http://pubs.acs.org/doi/abs/10.1021/jf5042504</a>
Tsaboula et al.	2016	Environmental and human risk hierarchy of pesticides: A prioritization method, based on monitoring, hazard assessment and environmental fate	<a href="http://www.ncbi.nlm.nih.gov/pubmed/26915710">http://www.ncbi.nlm.nih.gov/pubmed/26915710</a>
Hsiao et al.	2016	Imidacloprid toxicity impairs spatial memory of echolocation bats through neural apoptosis in hippocampal CA1 and medial entorhinal cortex areas	<a href="http://www.ncbi.nlm.nih.gov/pubmed/26966783">http://www.ncbi.nlm.nih.gov/pubmed/26966783</a>
Tennekes	2016	A Critical Appraisal of the Threshold of Toxicity Model for Non-Carcinogens	<a href="https://www.omicsonline.org/open-access/a-critical-appraisal-of-the-threshold-of-toxicity-model-for-noncarcinogens-2161-0525-1000408.pdf">https://www.omicsonline.org/open-access/a-critical-appraisal-of-the-threshold-of-toxicity-model-for-noncarcinogens-2161-0525-1000408.pdf</a>
De Long and Holloway	2017	Early-life chemical exposures and risk of metabolic syndrome.	<a href="https://www.ncbi.nlm.nih.gov/pubmed/28367067">https://www.ncbi.nlm.nih.gov/pubmed/28367067</a>