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Impacts of genetically engineered crops on pesticide use in the U.S. -- the first sixteen years

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250	Agricultural Biotechnology: Economics, Environment, Ethics, and the Future. 2013 , 38, 249-279		62
249	Influence of Latitude on the Winter Abundance of Red-tailed Hawks (<i>Buteo jamaicensis</i>) and American Kestrels (<i>Falco sparverius</i>) in Illinois. 2013 , 47, 410-415		
248	Questions concerning the potential impact of glyphosate-based herbicides on amphibians. 2013 , 32, 1688-700		99
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245	Towards personalized agriculture: what chemical genomics can bring to plant biotechnology. 2014 , 5, 344		4
244	Sustainability and innovation in staple crop production in the US Midwest. 2014 , 12, 71-88		50
243	Genetically Engineered (GE) Crops: A misguided strategy for the twenty-first century?. 2014 , 57, 192-200		4
242	Biotechnology: Herbicide-Resistant Crops. 2014 , 94-116		20
241	Pesticides Applied Worldwide to Combat Pests. 2014 , 1-12		
240	Strategies for Reduced Herbicide Use in Integrated Pest Management. 2014 , 303-329		
239	A novel 5-enolpyruvylshikimate-3-phosphate (EPSP) synthase transgene for glyphosate resistance stimulates growth and fecundity in weedy rice (<i>Oryza sativa</i>) without herbicide. 2014 , 202, 679-688		49
238	What are the non-food impacts of GM crop cultivation on farmers' health?. 2014 , 3, 1		20
237	Glyphosate and Its Degradation Product AMPA Occur Frequently and Widely in U.S. Soils, Surface Water, Groundwater, and Precipitation. 2014 , 50, 275-290		260
236	Pesticides in Mississippi air and rain: a comparison between 1995 and 2007. 2014 , 33, 1283-93		69

235	Compositional differences in soybeans on the market: glyphosate accumulates in Roundup Ready GM soybeans. 2014 , 153, 207-15	176
234	Modeling potential freshwater ecotoxicity impacts due to pesticide use in biofuel feedstock production: the cases of maize, rapeseed, salix, soybean, sugar cane, and wheat. 2014 , 48, 11379-88	41
233	Fifty years since Silent Spring. 2014 , 52, 377-402	45
232	Effect of Cry3Bb Bt Corn and Tefluthrin on Postdispersal Weed Seed Predation. 2014 , 62, 619-624	3
231	Genetically-modified herbicide-resistant (GMHR) crops a two-edged sword? An Americas perspective on development and effect on weed management. 2014 , 66, 40-45	31
230	A red and far-red light receptor mutation confers resistance to the herbicide glyphosate. 2014 , 78, 916-26	18
229	Current state of herbicides in herbicide-resistant crops. 2014 , 70, 1351-7	121
228	Taking stock of the genetically modified seed sector worldwide: market, stakeholders, and prices. 2014 , 6, 525-540	23
227	Identification of a bioactive Bowman-Birk inhibitor from an insect-resistant early maize inbred. 2014 , 62, 5458-65	10
226	Modelling ex-ante the economic and environmental impacts of Genetically Modified Herbicide Tolerant maize cultivation in Europe. 2014 , 127, 150-160	6
225	Synergy between glyphosate- and cypermethrin-based pesticides during acute exposures in tadpoles of the common South American toad <i>Rhinella arenarum</i> . 2014 , 112, 70-6	37
224	Hydrogen peroxide responsive miR153 targets Nrf2/ARE cytoprotection in paraquat induced dopaminergic neurotoxicity. 2014 , 228, 179-91	64
223	Genetically modified crops and sustainable agriculture: A proposed way forward in the societal debate. 2014 , 70-71, 95-98	9
222	Agriculture and the Environment. 2015 , 15-35	
221	Cheap Food and Bad Climate: From Surplus Value to Negative Value in the Capitalist World-Ecology. 2015 , 2, 1-43	32
220	What are the non-food impacts of GM crop cultivation on farmers' health?. 2015 , 4,	4
219	Changes in environmental impacts of major crops in the US. 2015 , 10, 094016	38
218	Public Submissions on the Uganda National Biotechnology and Biosafety Bill, 2012 Reveal Potential Way Forward for Uganda Legislators to Pass the Bill. 2015 , 3, 152	

217	Specificity and Combinatorial Effects of Bacillus Thuringiensis Cry Toxins in the Context of GMO Environmental Risk Assessment. 2015 , 3,		28
216	Quantitative Evaluation of the Environmental Impact Quotient (EIQ) for Comparing Herbicides. <i>PLoS ONE</i> , 2015 , 10, e0131200	3-7	28
215	Integrated pest management at the crossroads: Science, politics, or business (as usual)?. 2015 , 9, 543-545		25
214	No scientific consensus on GMO safety. <i>Environmental Sciences Europe</i> , 2015 , 27,	5	86
213	Integrated Pest Management for Sustainable Intensification of Agriculture in Asia and Africa. 2015 , 6, 152-82		219
212	Beneficial microorganisms for soybean (<i>Glycine max</i> (L.) Merr), with a focus on low root-zone temperatures. 2015 , 397, 411-445		15
211	Avoiding genetically modified foods in GMO Ground Zero: A reflective self-narrative. 2015 , 20, 500-10		1
210	Glyphosate and dicamba herbicide tank mixture effects on native plant and non-genetically engineered soybean seedlings. 2015 , 24, 1014-27		18
209	Environmental impacts of genetically modified (GM) crop use 1996-2013: Impacts on pesticide use and carbon emissions. 2015 , 6, 103-33		34
208	Large-scale deployment of seed treatments has driven rapid increase in use of neonicotinoid insecticides and preemptive pest management in US field crops. 2015 , 49, 5088-97		299
207	Review of GMO safety assessment studies: glyphosate residues in Roundup Ready crops is an ignored issue. <i>Environmental Sciences Europe</i> , 2015 , 27,	5	47
206	Potential toxic effects of glyphosate and its commercial formulations below regulatory limits. 2015 , 84, 133-53		264
205	Influence of Herbicide Active Ingredient, Nozzle Type, Orifice Size, Spray Pressure, and Carrier Volume Rate on Spray Droplet Size Characteristics. 2015 , 29, 298-310		51
204	Influence of genetically modified organisms on agro-ecosystem processes. 2015 , 214, 96-106		16
203	A note on pesticide-related toxicity impacts of crops in the USA. 2015 , 20, 1604-1606		2
202	Time to re-think the GMO revolution in agriculture. 2015 , 26, 35-49		10
201	Synthetic Biology and Genetic Engineering: Parallels in Risk Assessment. 2015 , 197-211		3
200	Are Ready for Market Genetically Modified, Conventional and Organic Soybeans Substantially Equivalent as Food and Feed?. 2016 , 181-191		1

199	Genetically Modified Food Worldwide IP Challenges. 2016,	1
198	Prospects of genetic modified maize crop in Africa. 2016, 15, 571-579	3
197	Enhancements Needed in GE Crop and Food Regulation in the U.S. 2016, 4, 59	6
196	Chemical Pesticides and Human Health: The Urgent Need for a New Concept in Agriculture. 2016, 4, 148	567
195	RNAi-mediated mortality of the whitefly through transgenic expression of double-stranded RNA homologous to acetylcholinesterase and ecdysone receptor in tobacco plants. 2016, 6, 38469	47
194	Toxicity of AMPA to the earthworm <i>Eisenia andrei</i> Bouché 1972 in tropical artificial soil. 2016, 6, 19731	39
193	Insect-Pests in Dryland Agriculture and their Integrated Management. 2016, 143-186	
192	Concerns over use of glyphosate-based herbicides and risks associated with exposures: a consensus statement. 2016, 15, 19	436
191	Phosphate fertilizer impacts on glyphosate sorption by soil. 2016, 153, 471-7	23
190	<i>Daphnia magna</i> negatively affected by chronic exposure to purified Cry-toxins. 2016, 91, 130-40	24
189	Impact of Herbicides on Soil Biology and Function. 2016, 133-220	66
188	Genetically modified crops in Switzerland: implications for agrosystem sustainability evidenced by multi-criteria model. 2016, 36, 1	6
187	Glyphosate: Too Much of a Good Thing?. 2016, 4,	51
186	Persistence of glyphosate and aminomethylphosphonic acid in loess soil under different combinations of temperature, soil moisture and light/darkness. 2016, 572, 301-311	96
185	Glyphosate induces cardiovascular toxicity in <i>Danio rerio</i> . 2016, 46, 292-300	37
184	The Impact of Spray Droplet Size on the Efficacy of 2,4-D, Atrazine, Chlorimuron-Methyl, Dicamba, Glufosinate, and Saflufenacil. 2016, 30, 573-586	20
183	Health effect of agricultural pesticide use in China: implications for the development of GM crops. 2016, 6, 34918	25
182	Genetically engineered crops and pesticide use in U.S. maize and soybeans. 2016, 2, e1600850	93

181	2,4-D Past, Present, and Future: A Review. 2016 , 30, 303-345		115
180	Environmental impacts of genetically modified (GM) crop use 1996-2014: Impacts on pesticide use and carbon emissions. 2016 , 7, 84-116		20
179	Assessment of a diketopiperazine, cyclo(Trp-Phe) from <i>Streptomyces griseoplanus</i> SAI-25 against cotton bollworm, <i>Helicoverpa armigera</i> (Lepidoptera: Noctuidae). 2016 , 51, 11-20		10
178	Trends in glyphosate herbicide use in the United States and globally. <i>Environmental Sciences Europe</i> , 2016 , 28, 3	5	749
177	Obesogens: an emerging threat to public health. 2016 , 214, 559-65		138
176	Current trends in the global market of transgenic plants and environmental safety issues. 2016 , 63, 38-45		1
175	Global Adoption of Genetically Modified (GM) Crops: Challenges for the Public Sector. 2016 , 64, 394-402		20
174	Biotechnology or organic? Extensive or intensive? Global or local? A critical review of potential pathways to resolve the global food crisis. 2016 , 48, 78-87		73
173	Impact of phosphate on glyphosate uptake and toxicity in willow. 2016 , 304, 269-79		44
172	Impact of glyphosate on soil microbial biomass and respiration: A meta-analysis. 2016 , 92, 50-57		72
171	Trends in Approval Times for Genetically Engineered Crops in the United States and the European Union. 2017 , 68, 182-198		57
170	Resistance is futile! Estimating the costs of managing herbicide resistance as a first-order Markov process and the case of U.S. upland cotton producers. 2017 , 48, 387-396		4
169	Transgenic cotton: High hopes and farming reality. 2017 , 3, 16212		7
168	Freshwater ecotoxicity impacts from pesticide use in animal and vegetable foods produced in Sweden. 2017 , 581-582, 448-459		25
167	A systems approach to forecast agricultural land transformation and soil environmental risk from economic, policy, and cultural scenarios in the north central United States (2012-2062). 2017 , 15, 102-123		14
166	Herbicide resistance and biodiversity: agronomic and environmental aspects of genetically modified herbicide-resistant plants. <i>Environmental Sciences Europe</i> , 2017 , 29, 5	5	94
165	Long-term trends in the intensity and relative toxicity of herbicide use. 2017 , 8, 14865		106
164	Environmental impacts of genetically modified (GM) crop use 1996-2015: Impacts on pesticide use and carbon emissions. 2017 , 8, 117-147		53

163	Environmental impacts of genetically modified plants: A review. 2017 , 156, 818-833	68
162	Superweeds or Survivors? Framing the problem of glyphosate resistant weeds and genetically engineered crops. 2017 , 51, 211-221	25
161	Effect of Simultaneous Amphibian Exposure to Pesticides and an Emerging Fungal Pathogen, <i>Batrachochytrium dendrobatidis</i> . 2017 , 51, 671-679	14
160	The distinct properties of natural and GM cry insecticidal proteins. 2017 , 33, 62-96	22
159	Human Health Concerns Related to the Consumption of Foods from Genetically Modified Crops. 2017 , 275-296	1
158	Effects of Transgenic Crops on the Environment. 2017 , 131-150	6
157	Variable Tolerance among Palmer Amaranth (<i>Amaranthus palmeri</i>) Biotypes to Glyphosate, 2,4-D Amine, and Premix Formulation of Glyphosate plus 2,4-D Choline (Enlist Duo [®]) Herbicide. 2017 , 65, 787-797	7
156	Comparison of POCIS passive samplers vs. composite water sampling: A case study. 2017 , 609, 982-991	40
155	Neonatal exposure to a glyphosate-based herbicide alters uterine decidualization in rats. 2017 , 73, 87-95	27
154	Evolutionary agroecology: individual fitness and population yield in wheat (<i>Triticum aestivum</i>). 2017 , 98, 2261-2266	42
153	Plant Glutathione Transferases in Abiotic Stress Response and Herbicide Resistance. 2017 , 215-233	13
152	Improvements in pesticide drift reduction technology (DRT) call for improving liability provisions to offer incentives for adoption. 2017 , 69, 439-444	5
151	Weed Science Research. 2017 , 1-32	0
150	Frankenfish or Fish to Feed the World? Scientism and Biotechnology Regulatory Policy. 2017 , 82, 628-663	2
149	Genetically Modified Organisms (GMOs) and Environment. 2017 , 425-465	2
148	Mitochondria, Thiamine, and Autonomic Dysfunction. 2017 , 59-103	
147	A World without Hunger: Organic or GM Crops?. 2017 , 9, 580	18
146	Use of genetically modified crops and pesticides in Brazil: growing hazards. 2017 , 22, 3333-3339	14

145	Analysis of Food Safety and Security Challenges in Emerging African Food Producing Areas through a One Health Lens: The Dairy Chains in Mali. 2017 , 80, 57-67		17
144	Insecticide Resistance Signals Negative Consequences of Widespread Neonicotinoid Use on Multiple Field Crops in the U.S. Cotton Belt. 2018 , 52, 2314-2322		21
143	The Commercial Ecology of Scavenger Capitalism: Monsanto, Fossil Fuels, and the Remaking of a Chemical Giant. 2018 , 19, 153-178		6
142	Impacts of glyphosate-based herbicides on disease resistance and health of crops: a review. <i>Environmental Sciences Europe</i> , 2018 , 30, 2	5	50
141	Advances in Genetic Engineering for Higher Production and Quality Improvement of Food and Beverages. 2018 , 221-255		0
140	Impact of genetically engineered maize on agronomic, environmental and toxicological traits: a meta-analysis of 21 years of field data. 2018 , 8, 3113		69
139	Herbicide Spray Penetration into Corn and Soybean Canopies Using Air-Induction Nozzles and a Drift Control Adjuvant. 2018 , 32, 72-79		11
138	The ox fall down: path-breaking and technology treadmills in Indian cotton agriculture. 2018 , 45, 1272-1296		14
137	Training Interventions to Foster Skill and Will of Argumentative Thinking. 2018 , 86, 325-343		8
136	Chronic exposure to a glyphosate-containing pesticide leads to mitochondrial dysfunction and increased reactive oxygen species production in <i>Caenorhabditis elegans</i> . 2018 , 57, 46-52		45
135	Environmental and health effects of the herbicide glyphosate. 2018 , 616-617, 255-268		352
134	Contemporary evolution of a Lepidopteran species, <i>Heliothis virescens</i> , in response to modern agricultural practices. 2018 , 27, 167-181		15
133	Approved Genetically Engineered Foods: Types, Properties, and Economic Concerns. 2018 , 85-107		
132	European Court of Justice ruling regarding new genetic engineering methods scientifically justified: a commentary on the biased reporting about the recent ruling. <i>Environmental Sciences Europe</i> , 2018 , 30, 52	5	16
131	The Impact of Integrated Pest Management and Regulation on Agricultural Pesticide Use in California. 2018 , 203-224		
130	Extensive usage of insecticide and changing crop rotation patterns: A South Dakota case study. <i>PLoS ONE</i> , 2018 , 13, e0208222	3-7	2
129	Magic Bullets II, Genetic Engineering and Technological Pragmatism. 2018 , 59-78		
128	Why Regulators Lost Track and Control of Pesticide Risks: Lessons From the Case of Glyphosate-Based Herbicides and Genetically Engineered-Crop Technology. 2018 , 5, 387-395		11

127	Fluorochloridone perturbs blood-testis barrier/Sertoli cell barrier function through Arp3-mediated F-actin disruption. 2018 , 295, 277-287	12
126	High Levels of Glyphosate Resistance in <i>Conyza canadensis</i> from Agricultural and Non-Agricultural Sites in Ohio and Iowa. 2018 , 8, 10483	11
125	Evaluation of the Impact of Genetically Modified Cotton After 20 Years of Cultivation in Mexico. 2018 , 6, 82	23
124	Introduction to Chemical Weed Control. 2018 , 391-416	3
123	Environmental impacts of genetically modified (GM) crop use 1996-2016: Impacts on pesticide use and carbon emissions. 2018 , 9, 109-139	50
122	Separation of Small-Mass Ions. 2018 , 353-372	
121	Assessing plant-available glyphosate in contrasting soils by diffusive gradient in thin-films technique (DGT). 2019 , 646, 735-744	9
120	Homozygosis of Bt locus increases Bt protein expression and the control of <i>Spodoptera frugiperda</i> (Lepidoptera: Noctuidae) in maize hybrids. 2019 , 124, 104871	11
119	Reprotoxicity of glyphosate-based formulation in <i>Caenorhabditis elegans</i> is not due to the active ingredient only. 2019 , 252, 1854-1862	14
118	Characterization of Biological Resistance and Successful Drug Resistance Control in Medicine. 2019 , 8,	
117	Emerging Challenges for Weed Management in Herbicide-Resistant Crops. 2019 , 9, 180	18
116	Acute exposure to a glyphosate-containing herbicide formulation inhibits Complex II and increases hydrogen peroxide in the model organism <i>Caenorhabditis elegans</i> . 2019 , 66, 36-42	20
115	Pesticide Contamination and Archaeological Collections: Contextual Information for Preparing a Pesticide History. 2019 , 7, 292-301	4
114	Roundup-Induced AMPK/mTOR-Mediated Autophagy in Human A549 Cells. 2019 , 67, 11364-11372	11
113	A mixed-methods approach to determine how conservation management programs and techniques have affected herbicide use and distribution in the environment over time. 2019 , 660, 145-157	9
112	Modern biotechnology and sustainable intensification: chances and limitations. 2019 , 159-179	
111	Glyphosate in vitro removal and tolerance by <i>Aspergillus oryzae</i> in soil microcosms. 2019 , 16, 7673-7682	11
110	No evidence for early fitness penalty in glyphosate-resistant biotypes of : Common garden experiments in the absence of glyphosate. 2019 , 9, 13678-13689	1

109	A comparison of the EU regulatory approach to directed mutagenesis with that of other jurisdictions, consequences for international trade and potential steps forward. 2019 , 222, 1673-1684	64
108	Undone Science and Counter-Expertise: Fighting for Justice in an Argentine Community Contaminated by Pesticides. 2019 , 28, 277-302	21
107	Palmer Amaranth (<i>Amaranthus palmeri</i>) and Velvetleaf (<i>Abutilon theophrasti</i>) Control in No-Tillage Conventional (Non-genetically engineered) Soybean Using Overlapping Residual Herbicide Programs. 2019 , 33, 95-105	18
106	Using Crop Diversity and Conservation Cropping to Develop More Sustainable Arable Cropping Systems. 2019 , 93-108	3
105	First transgenic trait for control of plant bugs and thrips in cotton. 2019 , 75, 867-877	19
104	May agricultural water sources containing mixtures of agrochemicals cause hormonal disturbances?. 2020 , 711, 134862	3
103	Considering Plant-Based Meat Substitutes and Cell-Based Meats: A Public Health and Food Systems Perspective. 2020 , 4,	44
102	The dietary risk index system: a tool to track pesticide dietary risks. 2020 , 19, 103	6
101	Environmental impacts of genetically modified (GM) crop use 1996-2018: impacts on pesticide use and carbon emissions. 2020 , 11, 215-241	32
100	Advances in genomics of cashew tree: molecular tools and strategies for accelerated breeding. 2020 , 16, 1	5
99	Influence of a glyphosate-based herbicide on growth parameters and aflatoxin B production by <i>Aspergillus section Flavi</i> on maize grains. 2021 , 53, 162-170	2
98	Glyphosate and its toxicology: A scientometric review. 2020 , 733, 139359	28
97	Bioeconomy futures: Expectation patterns of scientists and practitioners on the sustainability of bio-based transformation. 2020 , 28, 1220-1235	16
96	Picomolar glyphosate sensitivity of an optical particle-based sensor utilizing biomimetic interaction principles. 2020 , 165, 112262	6
95	Past and Current Dynamics of U.S. Agricultural Land Use and Policy. 2020 , 4,	16
94	Soybean expansion and the challenge of the coexistence of agribusiness with local production and conservation initiatives: pesticides in a Ramsar site in Uruguay. 2020 , 47, 97-103	6
93	Glyphosate-based herbicide formulations and reproductive toxicity in animals. <i>Veterinary and Animal Science</i> , 2020 , 10, 100126	2.3 14
92	Adjuvant contributes Roundup's unexpected effects on A549 cells. 2020 , 184, 109306	7

91	Options to Reform the European Union Legislation on GMOs: Post-authorization and Beyond. 2020 , 38, 465-467	7
90	Will gene-edited and other GM crops fail sustainable food systems?. 2021 , 247-284	3
89	The carbon stable isotope compositions of glyphosate and aminomethylphosphonic acid (AMPA): Improved analytical sensitivity and first application to environmental water matrices. 2021 , 35, e9017	1
88	Swedish consumers' attitudes and values to genetic modification and conventional plant breeding - The case of fruit and vegetables. 2021 , 12, 342-360	3
87	Contamination of groundwater resources by pesticides. 2021 , 99-107	1
86	Health Risks and Environmental Concerns of GM Crop Adoption. 2021 , 371-400	1
85	Evaluation on reprogrammed biological processes in transgenic maize varieties using transcriptomics and metabolomics. 2021 , 11, 2050	1
84	Life-cycle of IEAs. 2021 , 141-210	
83	Impact of GM Crops on Agriculture Production: A Positive Reflection through Success Stories. 2021 , 161-187	
82	Multimomics Technologies and Genetic Modification in Plants: Rationale, Opportunities and Reality. 2021 , 313-328	0
81	A minimum data set for tracking changes in pesticide use. 2021 , 21-39	1
80	Gentechnik. 2021 , 337-343	1
79	Assessment of Glyphosate Impact on the Agrofood Ecosystem. 2021 , 10,	5
78	Fate of Environmental Proteins (eProteins) from Genetically Engineered Crops in Streams is Controlled by Water pH and Ecosystem Metabolism. 2021 , 55, 4688-4697	0
77	Host resistance to <i>Bacillus thuringiensis</i> is linked to altered bacterial community within a specialist insect herbivore. 2021 , 30, 5438-5453	3
76	Glyphosate inhibits melanization and increases susceptibility to infection in insects. 2021 , 19, e3001182	7
75	Flurochloridone induces Sertoli cell apoptosis through ROS-dependent mitochondrial pathway. 2021 , 216, 112183	3
74	Arthropod food webs associated with cotton: Does Bt cotton mediate community stress?.	2

73	HearNPV susceptibility in <i>Helicoverpa armigera</i> and <i>Helicoverpa punctigera</i> strains resistant to Bt toxins Cry1Ac, Cry2Ab, and Vip3Aa. 2021 , 183, 107598		0
72	Long-term impact of Bt cotton: An empirical evidence from North India. 2021 , 312, 127575		2
71	Assessment of the influence of pesticides based on glyphosate on the health of agricultural producers. 2021 , 100, 933-937		
70	Influence of rainfall and seasonal crop practices on nutrient and pesticide runoff from soybean dominated agricultural areas in Pampean streams, Argentina. 2021 , 788, 147676		8
69	Multigeneration toxicity of Geunsami (a glyphosate-based herbicide) to <i>Allonychiurus kimi</i> (Lee) (Collembola) from sub-individual to population levels. 2021 , 291, 118172		1
68	Pollution Remediation by Way of Using Genetically Modified Plants (GMPs). 2020 , 305-318		1
67	Integrated Pest Management and Pesticide Use. 2014 , 1-46		11
66	The Impact of Integrated Pest Management Programs on Pesticide Use in California, USA. 2014 , 173-200		7
65	Plant Genetic Engineering and GM Crops: Merits and Demerits. 2019 , 155-229		4
64	Research and practice: environmental action for improving water quality in cotton catchments since 1990. 2013 , 64, 1095		3
63	Glyphosate Inhibits Melanization and Increases Susceptibility to Infection in Insects.		1
62	Rising insecticide potency outweighs falling application rate to make US farmland increasingly hazardous to insects.		1
61	Czech Farmers' Experience with Bt Maize: Fulfilment, and the Opposite, of Monsanto's Promises. 2020 , 68, 25-38		3
60	A Landscape View of Agricultural Insecticide Use across the Conterminous US from 1997 through 2012. <i>PLoS ONE</i> , 2016 , 11, e0166724	3-7	24
59	Spatio-Temporal Variation in Landscape Composition May Speed Resistance Evolution of Pests to Bt Crops. <i>PLoS ONE</i> , 2017 , 12, e0169167	3-7	18
58	THE SEVERITY OF ENDOGENOUS INTOXICATION AND OXIDATIVE STRESS IN THE BLOOD OF WORKERS IN CONTACT WITH GLYCINE DERIVATIVES. 2019 , 98, 851-856		1
57	What Are the Grand Challenges for Plant Conservation in the 21st Century?. 1,		2
56	Glyphosate, pathways to modern diseases III: Manganese, neurological diseases, and associated pathologies. 2015 , 6, 45		66

55	Glyphosate-Residues in Roundup-Ready Soybean Impair <i>Daphnia magna</i> Life-Cycle. 2015 , 04, 24-36		12
54	Advantages, risks and legal perspectives of GMOs in 2020s. 2021 , 15, 741		1
53	Effects of Herbicide Management Practices on the Weed Density and Richness in 2,4-D- Resistant Cropping Systems in Indiana. 1-23		
52	From Artificialization to the Ecologization of Cropping Systems. 2013 , 45-90		1
51	Genetically-Modified Organisms in United States Agriculture: Mandate for Food Labeling. <i>Food and Nutrition Sciences (Print)</i> , 2013 , 04, 807-811	0.4	1
50	Gentechnik. 2013 , 279-287		2
49	Herbicide-Resistant Crops: Impact. 2014 , 267-271		
48	Micronutrient Deficiencies and Mitochondrial Dysfunction. 2015 , 73-95		
47	Encyclopedia of Food and Agricultural Ethics. 2016 , 1-11		1
46	Contemporary evolution of a Lepidopteran species, <i>Heliothis virescens</i> , in response to modern agricultural practices.		
45	Campo, floresta e águas: práticas e saberes em saúde. 2017 ,		
44	Institutional constraints and options for expanding the biotechnology revolution in developing countries. 2017 , 193-208		
43	Encyclopedia of Food and Agricultural Ethics. 2019 , 1476-1486		
42	Optimizing Herbicide Use in Herbicide-Tolerant Crops: Challenges, Opportunities, and Recommendations. 2019 , 283-316		0
41	Zero Hunger. <i>Encyclopedia of the UN Sustainable Development Goals</i> , 2020 , 1-11	0.1	
40	Zero Hunger. <i>Encyclopedia of the UN Sustainable Development Goals</i> , 2020 , 282-292	0.1	
39	Spatially Mediated Peer Effects in the Adoption of Conservation Agriculture Practices. <i>Journal of Agricultural & Applied Economics</i> , 2021 , 53, 1-20	1.1	4
38	Environmental Analytical and Ecotoxicological Aspects of Bt Maize in the Pannonian Biogeographical Region of the European Union. <i>Topics in Biodiversity and Conservation</i> , 2020 , 149-172	0.2	

37	Environmental Risk Indicators for Weed Management: A Case Study of Ecotoxicity Assessment Using Fuzzy Logic. 2020 , 191-210		1
36	Reproductive toxicity of roundup®-treated feed on broiler breeder roosters and the amelioration of these deleterious effects with inclusion of humic acids in feed. <i>Veterinary and Animal Science</i> , 2021 , 14, 100215	2.3	0
35	Historical trends of the ecotoxicological pesticide risk from the main grain crops in Rolling Pampa (Argentina).		
34	Historical trends of the ecotoxicological pesticide risk from the main grain crops in Rolling Pampa (Argentina). <i>PLoS ONE</i> , 2020 , 15, e0238676	3.7	0
33	Organic cotton production may alleviate the environmental impacts of intensive conventional cotton production. <i>Renewable Agriculture and Food Systems</i> , 2021 , 36, 405-412	1.8	0
32	A simplified strategy based on the house of quality to prioritize farming practices under variable weather conditions. <i>Quality Management Journal</i> , 1-17	2.3	
31	Transgenic Plant Technology: An Insight into Insect Resistance. 2021 , 141-159		
30	References bibliographiques. 2014 , 205-224		
29	Inland Waters Rivers: Land Use and Water Quality. 2021 ,		
28	Abiotic Degradation of Imidacloprid Pesticide with L-Threonine Capped Nickel Nanoparticles. <i>Science of Advanced Materials</i> , 2021 , 13, 2043-2048	2.3	1
27	The role of biotechnology and biofuels in US Corn Belt cropping system changes. <i>Renewable Agriculture and Food Systems</i> , 1-9	1.8	
26	Dietary Behavior of Fed with Genetically-Modified Corn or Roundup.. <i>Journal of Xenobiotics</i> , 2021 , 11, 215-227	1	
25	Data_Sheet_1.PDF. 2020 ,		
24	Table_1.pdf. 2020 ,		
23	Table_1.XLSX. 2020 ,		
22	Biodegradation and Remediation of Pesticides in Contaminated Agroecosystems: Special Reference to Glyphosate and Paraquat. <i>Microorganisms for Sustainability</i> , 2022 , 489-545	1.1	
21	Obesogens in Foods. <i>Biomolecules</i> , 2022 , 12, 680	5.9	1
20	Agricultural water pollution. 2022 , 365-382		

19	Chronic Effects of Dietary Pesticides on the Gut Microbiome and Neurodevelopment. <i>Frontiers in Microbiology</i> , 13,	5-7	1
18	A critical physical geography of no-till agriculture: Linking degraded environmental quality to conservation policies in an Oregon watershed. <i>Canadian Geographer / Geographie Canadien</i> ,	1-1	1
17	Genetically Modified (GM) Crop Use 1996-2020: Environmental Impacts Associated with Pesticide Use Change. 2022 , 13, 262-289		1
16	Flurochloridone induced abnormal spermatogenesis by damaging testicular Sertoli cells in mice. 2022 , 246, 114163		1
15	Intended and unintended consequences of genetically modified crops [myth, fact and/or manageable outcomes?]. 1-101		0
14	Genotoxicity Assays Published since 2016 Shed New Light on the Oncogenic Potential of Glyphosate-Based Herbicides. 2023 , 2, 47-68		0
13	Sustainable Cotton Production in Punjab: Failure and Its Mitigating Strategies. 2023 , 483-500		0
12	Biotechnology for Sustainable Production of Food. 2023 ,		0
11	The role of funding on research and science: The impact of glyphosate herbicides on health and the environment. 2023 ,		0
10	Roundup (glyphosate): Products of photochemical decomposition and their toxicity and genotoxicity. 2023 , 32, 100957		0
9	GMOs in Mediterranean & Balkan countries: state of affairs, research, and regulation. 2023 , 231-256		0
8	Phytohormonal Role of Microorganisms Involved in Bioinoculants. 2023 , 75-107		0
7	Brave New World of Biotechnology. 2022 , 19-45		0
6	Genetic Engineering to Improve Biotic and Abiotic Stress Tolerance in Maize (<i>Zea mays</i> L.). 2023 , 195-234		0
5	Use of pesticides and mechanism of resistance development in plants. 2023 , 401-426		0
4	Genetic Engineering and the Law Past, Present and Beyond: 20+1 Criteria to Help Focus the Path to Our Common Future. 2023 , 273-285		0
3	Removing neonicotinoid seed treatments has negligible effects on refuge function and crop protection in transgenic maize targeting western corn rootworm (Coleoptera: Chrysomelidae).		0
2	Genetically engineered varieties and applied pesticide toxicity in U.S. maize and soybeans: Heterogeneous and evolving impacts. 2023 , 211, 107873		0

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