

# Bruce E Hibbard

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1469653/publications.pdf>

Version: 2024-02-01

133  
papers

3,833  
citations

126907

33  
h-index

155660

55  
g-index

137  
all docs

137  
docs citations

137  
times ranked

2293  
citing authors

#	ARTICLE	IF	CITATIONS
1	Restoring a maize root signal that attracts insect-killing nematodes to control a major pest. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 13213-13218.	7.1	298
2	Increased survival of western corn rootworm on transgenic corn within three generations of on-plant greenhouse selection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 19177-19182.	7.1	181
3	Sequence of arrival determines plant-mediated interactions between herbivores. <i>Journal of Ecology</i> , 2011, 99, 7-15.	4.0	160
4	Behaviour and ecology of the western corn rootworm ( <i>Diabrotica virgifera virgifera</i> LeConte). <i>Agricultural and Forest Entomology</i> , 2009, 11, 9-27.	1.3	126
5	The role of wax comb in honey bee nestmate recognition. <i>Animal Behaviour</i> , 1995, 50, 489-496.	1.9	110
6	Multiple Assays Indicate Varying Levels of Cross Resistance in Cry3Bb1-Selected Field Populations of the Western Corn Rootworm to mCry3A, eCry3.1Ab, and Cry34/35Ab1. <i>Journal of Economic Entomology</i> , 2016, 109, 1387-1398.	1.8	107
7	The role of abscisic acid and water stress in root herbivore-induced leaf resistance. <i>New Phytologist</i> , 2011, 189, 308-320.	7.3	103
8	Comparison of Nonmaize Hosts to Support Western Corn Rootworm (Coleoptera: Chrysomelidae) Larval Biology. <i>Environmental Entomology</i> , 2004, 33, 681-689.	1.4	96
9	Genetically engineered maize plants reveal distinct costs and benefits of constitutive volatile emissions in the field. <i>Plant Biotechnology Journal</i> , 2013, 11, 628-639.	8.3	90
10	A specialist root herbivore reduces plant resistance and uses an induced plant volatile to aggregate in a density-dependent manner. <i>Functional Ecology</i> , 2012, 26, 1429-1440.	3.6	75
11	Prairie Grasses as Hosts of the Western Corn Rootworm (Coleoptera: Chrysomelidae). <i>Environmental Entomology</i> , 2004, 33, 740-747.	1.4	73
12	Phenotypic versus marker-assisted selection for stalk strength and second-generation European corn borer resistance in maize. <i>Theoretical and Applied Genetics</i> , 2003, 107, 1331-1336.	3.6	71
13	Selection for Resistance to mCry3A-Expressing Transgenic Corn in Western Corn Rootworm. <i>Journal of Economic Entomology</i> , 2011, 104, 1045-1054.	1.8	67
14	6-Methoxy-2-benzoxazolinone: A semiochemical for host location by western corn rootworm larvae. <i>Journal of Chemical Ecology</i> , 1992, 18, 931-944.	1.8	64
15	Capsules containing entomopathogenic nematodes as a Trojan horse approach to control the western corn rootworm. <i>Plant and Soil</i> , 2012, 358, 11-25.	3.7	63
16	Minnesota field population of western corn rootworm (Coleoptera: Chrysomelidae) shows incomplete resistance to Cry34Ab1/Cry35Ab1 and Cry3Bb1. <i>Journal of Applied Entomology</i> , 2017, 141, 28-40.	1.8	63
17	Behavioral responses of western corn rootworm larvae to volatile semiochemicals from corn seedlings. <i>Journal of Chemical Ecology</i> , 1988, 14, 1523-1539.	1.8	62
18	Density-Dependent and Density-Independent Mortality of the Western Corn Rootworm: Impact on Dose Calculations of Rootworm-Resistant Bt Corn. <i>Journal of Economic Entomology</i> , 2010, 103, 77-84.	1.8	61

#	ARTICLE	IF	CITATIONS
19	Resistance to Bt Corn by Western Corn Rootworm (Coleoptera: Chrysomelidae) in the U.S. Corn Belt. <i>Journal of Integrated Pest Management</i> , 2013, 4, 1-6.	2.0	60
20	Induced carbon reallocation and compensatory growth as root herbivore tolerance mechanisms. <i>Plant, Cell and Environment</i> , 2014, 37, 2613-2622.	5.7	60
21	Plant defense resistance in natural enemies of a specialist insect herbivore. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23174-23181.	7.1	53
22	Mortality of Western Corn Rootworm Larvae on MIR604 Transgenic Maize Roots: Field Survivorship Has No Significant Impact on Survivorship of F1 Progeny on MIR604. <i>Journal of Economic Entomology</i> , 2010, 103, 2187-2196.	1.8	49
23	Mortality Impact of Bt Transgenic Maize Roots Expressing eCry3.1Ab, mCry3A, and eCry3.1Ab Plus mCry3A on Western Corn Rootworm Larvae in the Field. <i>Journal of Economic Entomology</i> , 2011, 104, 1584-1591.	1.8	48
24	Greenhouse-Selected Resistance to Cry3Bb1-Producing Corn in Three Western Corn Rootworm Populations. <i>PLoS ONE</i> , 2012, 7, e51055.	2.5	47
25	Resistance evolution to the first generation of genetically modified Diabrotica-active Bt-maize events by western corn rootworm: management and monitoring considerations. <i>Transgenic Research</i> , 2013, 22, 269-299.	2.4	46
26	Post-Establishment Movement of Western Corn Rootworm Larvae (Coleoptera: Chrysomelidae) in Central Missouri Corn. <i>Journal of Economic Entomology</i> , 2003, 96, 599-608.	1.8	45
27	Divergent Selection for Rind Penetrometer Resistance and Its Effects on European Corn Borer Damage and Stalk Traits in Corn. <i>Crop Science</i> , 2004, 44, 711-717.	1.8	42
28	Host Suitability of Nonmaize Agroecosystem Grasses for the Western Corn Rootworm (Coleoptera: Chrysomelidae). <i>Journal of Chemical Ecology</i> , 2014, 40, 1075-1085.	1.4	42
29	Long-chain free fatty acids: Semiochemicals for host location by western corn rootworm larvae. <i>Journal of Chemical Ecology</i> , 1994, 20, 3335-3344.	1.8	41
30	The role of fatty acids in the mechanical properties of beeswax. <i>Apidologie</i> , 2009, 40, 585-594.	2.0	41
31	Mortality impact of MON863 transgenic maize roots on western corn rootworm larvae in the field. <i>Journal of Applied Entomology</i> , 2012, 136, 721-729.	1.8	38
32	Development of Resistance to eCry3.1Ab-Expressing Transgenic Maize in a Laboratory-Selected Population of Western Corn Rootworm (Coleoptera: Chrysomelidae). <i>Journal of Economic Entomology</i> , 2013, 106, 2506-2513.	1.8	38
33	Direct and Indirect Plant Defenses are not Suppressed by Endosymbionts of a Specialist Root Herbivore. <i>Journal of Chemical Ecology</i> , 2013, 39, 507-515.	1.8	36
34	Thief ants have reduced quantities of cuticular compounds in a ponerine ant, <i>Ectatomma ruidum</i> . <i>Physiological Entomology</i> , 1997, 22, 207-211.	1.5	34
35	Diallel Analyses of Agronomic Traits Using Chinese and U.S. Maize Germplasm. <i>Crop Science</i> , 2005, 45, 1096-1102.	1.8	33
36	Protecting maize from rootworm damage with the combined application of arbuscular mycorrhizal fungi, <i>Pseudomonas</i> bacteria and entomopathogenic nematodes. <i>Scientific Reports</i> , 2019, 9, 3127.	3.3	33

#	ARTICLE	IF	CITATIONS
37	Effect of Cry3Bb1-Expressing Transgenic Corn on Plant-to-Plant Movement by Western Corn Rootworm Larvae (Coleoptera: Chrysomelidae). <i>Journal of Economic Entomology</i> , 2005, 98, 1126-1138.	1.8	31
38	Selected Grassy Weeds as Alternate Hosts of Northern Corn Rootworm (Coleoptera: Chrysomelidae). <i>Environmental Entomology</i> , 2004, 33, 1497-1504.	1.4	30
39	Analysis of Density-Dependent Survival of <i>Diabrotica</i> (Coleoptera: Chrysomelidae) in Cornfields. <i>Environmental Entomology</i> , 2006, 35, 1272-1278.	1.4	29
40	Maize Phenology Affects Establishment, Damage, and Development of the Western Corn Rootworm (Coleoptera: Chrysomelidae). <i>Environmental Entomology</i> , 2008, 37, 1558-1564.	1.4	29
41	Prairie Grasses as Hosts of the Northern Corn Rootworm (Coleoptera: Chrysomelidae). <i>Environmental Entomology</i> , 2008, 37, 247-254.	1.4	29
42	Effects of refuges on the evolution of resistance to transgenic corn by the western corn rootworm, <i>Diabrotica virgifera virgifera</i> LeConte. <i>Pest Management Science</i> , 2016, 72, 190-198.	3.4	28
43	Foliar Resistance to Fall Armyworm in Corn Germplasm Lines that Confer Resistance to Root- and Ear-Feeding Insects. <i>Florida Entomologist</i> , 2011, 94, 971-981.	0.5	27
44	Post-Establishment Movement of Western Corn Rootworm Larvae (Coleoptera: Chrysomelidae) in Central Missouri Corn. <i>Journal of Economic Entomology</i> , 2003, 96, 599-608.	1.8	27
45	Western Corn Rootworm (Coleoptera: Chrysomelidae) Beetle Emergence from Weedy Cry3Bb1 Rootworm-Resistant Transgenic Corn. <i>Journal of Economic Entomology</i> , 2005, 98, 1679-1684.	1.8	26
46	The role of root architecture in foraging behavior of entomopathogenic nematodes. <i>Journal of Invertebrate Pathology</i> , 2014, 122, 32-39.	3.2	26
47	Nature, Evolution and Characterisation of Rhizospheric Chemical Exudates Affecting Root Herbivores. <i>Advances in Insect Physiology</i> , 2013, , 97-157.	2.7	25
48	Evaluation of Conventional Resistance to European Corn Borer (Lepidoptera: Crambidae) and Western Corn Rootworm (Coleoptera: Chrysomelidae) in Experimental Maize Lines Developed from a Backcross Breeding Program. <i>Journal of Economic Entomology</i> , 2000, 93, 1814-1821.	1.8	24
49	Localized Search Cues in Corn Roots for Western Corn Rootworm (Coleoptera: Chrysomelidae) Larvae. <i>Journal of Economic Entomology</i> , 2009, 102, 558-562.	1.8	24
50	Alternate Host Phenology Affects Survivorship, Growth, and Development of Western Corn Rootworm (Coleoptera: Chrysomelidae) Larvae. <i>Environmental Entomology</i> , 2005, 34, 1441-1447.	1.4	23
51	Dynamic Precision Phenotyping Reveals Mechanism of Crop Tolerance to Root Herbivory. <i>Plant Physiology</i> , 2016, 172, pp.00735.2016.	4.8	23
52	Host resistance to <i>Bacillus thuringiensis</i> is linked to altered bacterial community within a specialist insect herbivore. <i>Molecular Ecology</i> , 2021, 30, 5438-5453.	3.9	23
53	A new artificial diet for western corn rootworm larvae is compatible with and detects resistance to all current Bt toxins. <i>Scientific Reports</i> , 2018, 8, 5379.	3.3	22
54	Interfamily variation in comb wax hydrocarbons produced by honey bees. <i>Journal of Chemical Ecology</i> , 1995, 21, 1329-1338.	1.8	21

#	ARTICLE	IF	CITATIONS
55	Impact of MON863 Transgenic Roots Is Equivalent on Western Corn Rootworm Larvae for a Wide Range of Maize Phenologies. <i>Journal of Economic Entomology</i> , 2009, 102, 1607-1613.	1.8	21
56	Germinating Corn Extracts and 6-Methoxy-2-Benzoxazolinone: Western Corn Root worm (Coleoptera: Tj ETQq0 0 0 rgBT /Overlock 10 T 1995, 88, 716-724.	1.8	20
57	Native Resistance to Western Corn Rootworm (Coleoptera: Chrysomelidae) Larval Feeding: Characterization and Mechanisms. <i>Journal of Economic Entomology</i> , 2009, 102, 2350-2359.	1.8	20
58	Methyl Anthranilate as a Repellent for Western Corn Rootworm Larvae (Coleoptera: Chrysomelidae). <i>Journal of Economic Entomology</i> , 2016, 109, 1683-1690.	1.8	19
59	Western Corn Rootworm Larval Movement in SmartStax Seed Blend Scenarios. <i>Journal of Economic Entomology</i> , 2012, 105, 1248-1260.	1.8	18
60	Monogalactosyldiacylglycerols as Host Recognition Cues for Western Corn Rootworm Larvae (Coleoptera: Chrysomelidae). <i>Journal of Economic Entomology</i> , 2015, 108, 539-548.	1.8	18
61	Enantiomeric composition of grandisol and grandisal produced by <i>Pissodes strobi</i> and <i>P. nemorensis</i> and their electroantennogram response to pure enantiomers. <i>Journal of Chemical Ecology</i> , 1993, 19, 2129-2141.	1.8	17
62	Divergent Selection for Rind Penetrometer Resistance and Its Effects on European Corn Borer Damage and Stalk Traits in Corn. <i>Crop Science</i> , 2004, 44, 711.	1.8	17
63	A new <i>Bacillus thuringiensis</i> protein for Western corn rootworm control. <i>PLoS ONE</i> , 2020, 15, e0242791.	2.5	16
64	Western Corn Rootworm (Coleoptera: Chrysomelidae) Beetle Emergence from Weedy Cry3Bb1 Rootworm-Resistant Transgenic Corn. <i>Journal of Economic Entomology</i> , 2005, 98, 1679-1684.	1.8	16
65	Field screening maize germplasm for resistance and tolerance to western corn rootworms (Col.: Tj ETQq1 1 0.784314 rgBT /Overlock 15 15	1.8	15
66	A review of resistance breeding options targeting western corn rootworm (<i>Diabrotica virgifera</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 15	1.3	15
67	Belowground herbivore tolerance involves delayed overcompensatory root regrowth in maize. <i>Entomologia Experimentalis Et Applicata</i> , 2015, 157, 113-120.	1.4	15
68	Diet improvement for western corn rootworm (Coleoptera: Chrysomelidae) larvae. <i>PLoS ONE</i> , 2017, 12, e0187997.	2.5	15
69	Isolation of corn semiochemicals attractive and repellent to western corn rootworm larvae. <i>Journal of Chemical Ecology</i> , 1990, 16, 3425-3439.	1.8	14
70	Comparison of Six Artificial Diets for Western Corn Rootworm Bioassays and Rearing. <i>Journal of Economic Entomology</i> , 2018, 111, 2727-2733.	1.8	14
71	Western Corn Rootworm, Plant and Microbe Interactions: A Review and Prospects for New Management Tools. <i>Insects</i> , 2021, 12, 171.	2.2	14
72	Comparison of Screening Techniques for Western Corn Rootworm (Coleoptera: Chrysomelidae) Host-Plant Resistance. <i>Journal of Economic Entomology</i> , 1999, 92, 714-722.	1.8	13

#	ARTICLE	IF	CITATIONS
73	Analysis of Density-Dependent Survival of <i>Diabrotica</i> (Coleoptera: Chrysomelidae) in Cornfields. <i>Environmental Entomology</i> , 2006, 35, 1272-1278.	1.4	13
74	Effect of Seed Blends and Soil-Insecticide on Western and Northern Corn Rootworm Emergence from mCry3A + eCry3.1Ab Bt Maize. <i>Journal of Economic Entomology</i> , 2015, 108, 1260-1270.	1.8	13
75	Laboratory and field tests with the synthetic sex pheromone of three <i>Matsucoccus</i> 1 pine bast scales. <i>Journal of Chemical Ecology</i> , 1991, 17, 89-102.	1.8	12
76	Conducting public-sector research on commercialized transgenic seed: In search of a paradigm that works. <i>GM Crops</i> , 2010, 1, 55-58.	1.9	12
77	Influence of drought on plant performance through changes in belowground tritrophic interactions. <i>Ecology and Evolution</i> , 2018, 8, 6756-6765.	1.9	12
78	Development of an improved and accessible diet for western corn rootworm larvae using response surface modeling. <i>Scientific Reports</i> , 2019, 9, 16009.	3.3	12
79	Differential gene expression in response to eCry3.1Ab ingestion in an unselected and eCry3.1Ab-selected western corn rootworm ( <i>Diabrotica virgifera virgifera</i> LeConte) population. <i>Scientific Reports</i> , 2019, 9, 4896.	3.3	12
80	Cry75Aa (Mpp75Aa) Insecticidal Proteins for Controlling the Western Corn Rootworm, <i>Diabrotica virgifera virgifera</i> LeConte (Coleoptera: Chrysomelidae), Isolated from the Insect-Pathogenic Bacterium <i>Brevibacillus laterosporus</i> . <i>Applied and Environmental Microbiology</i> , 2021, 87, .	3.1	12
81	Calcium-alginate beads as a formulation for the application of entomopathogenic nematodes to control rootworms. <i>Journal of Pest Science</i> , 2021, 94, 1197-1208.	3.7	12
82	Interactions of Alternate Hosts, Postemergence Grass Control, and Rootworm-Resistant Transgenic Corn on Western Corn Rootworm (Coleoptera: Chrysomelidae) Damage and Adult Emergence. <i>Journal of Economic Entomology</i> , 2007, 100, 557-565.	1.8	12
83	Conventional Screening Overlooks Resistance Sources: Rootworm Damage of Diverse Inbred Lines and Their B73 Hybrids Is Unrelated. <i>Journal of Economic Entomology</i> , 2009, 102, 1317-1324.	1.8	11
84	Effects of temporal variation in temperature and density dependence on insect population dynamics. <i>Ecosphere</i> , 2016, 7, e01287.	2.2	11
85	Evaluation of Potential Fitness Costs Associated With eCry3.1Ab Resistance in <i>Diabrotica virgifera virgifera</i> (Coleoptera: Chrysomelidae). <i>Journal of Economic Entomology</i> , 2016, 109, 1853-1858.	1.8	11
86	Neonate larvae of the specialist herbivore <i>Diabrotica virgifera virgifera</i> do not exploit the defensive volatile (E)- $\beta$ -caryophyllene in locating maize roots. <i>Journal of Pest Science</i> , 2016, 89, 853-858.	3.7	11
87	Survey of bacteria associated with western corn rootworm life stages reveals no difference between insects reared in different soils. <i>Scientific Reports</i> , 2019, 9, 15332.	3.3	11
88	Multidimensional approach to formulating a specialized diet for northern corn rootworm larvae. <i>Scientific Reports</i> , 2019, 9, 3709.	3.3	11
89	Toxic and behavioural effects of free fatty acids on western corn rootworm (Coleoptera:) Tj ETQq1 1 0.784314 rgBTJ /Overlock 10 Tf 50	1.8	10
90	Sugar preferences of western corn rootworm larvae in a feeding stimulant blend. <i>Journal of Applied Entomology</i> , 2018, 142, 947-958.	1.8	10

#	ARTICLE	IF	CITATIONS
91	Antixenosis in Maize Reduces Feeding by Western Corn Rootworm Larvae (Coleoptera: Chrysomelidae). <i>Journal of Economic Entomology</i> , 2010, 103, 2052-2060.	1.8	9
92	Evaluation of corn hybrids for tolerance to corn rootworm ( <i>Diabrotica virgifera virgifera</i> LeConte) larval feeding. <i>Cereal Research Communications</i> , 2006, 34, 1101-1107.	1.6	8
93	The Nutritive Value of Dying Maize and <i>Setaria faberi</i> Roots for Western Corn Rootworm (Coleoptera: Chrysomelidae) Larvae. <i>Journal of Economic Entomology</i> , 2010, 103, 2052-2060.	1.8	9
94	Quantitative Trait Loci Mapping of Western Corn Rootworm (Coleoptera: Chrysomelidae) Host Plant Resistance in Two Populations of Doubled Haploid Lines in Maize ( <i>Zea mays</i> L.). <i>Journal of Economic Entomology</i> , 2018, 111, 435-444.	1.8	8
95	Tolerance of Western Corn Rootworm Larvae (Coleoptera: Chrysomelidae) to 6-Methoxy-2-benzoxazolinone, a Corn Semiochemical for Larval Host Location. <i>Journal of Economic Entomology</i> , 1994, 87, 647-652.	1.8	7
96	Electroantennogram Responses of Western Corn Rootworm (Coleoptera: Chrysomelidae) Adults in Relation to Maize Silk Morphology and Phenology. <i>Environmental Entomology</i> , 1996, 25, 430-435.	1.4	7
97	Electroantennogram-Active Components in Buffalo Gourd Root Powder for Western Corn Rootworm Adults (Coleoptera: Chrysomelidae). <i>Environmental Entomology</i> , 1997, 26, 1136-1142.	1.4	7
98	Effect of MIR604 Transgenic Maize at Different Stages of Development on Western Corn Rootworm (Coleoptera: Chrysomelidae) in a Central Missouri Field Environment. <i>Journal of Economic Entomology</i> , 2011, 104, 2054-2061.	1.8	7
99	The Effect of Western Corn Rootworm (Coleoptera: Chrysomelidae) and Water Deficit on Maize Performance Under Controlled Conditions. <i>Journal of Economic Entomology</i> , 2016, 109, 684-698.	1.8	7
100	Restoration of susceptibility following removal of selection for <i>Cry34</i> / <i>35Ab1</i> resistance documents fitness costs in resistant population of western corn rootworm, <i>Diabrotica virgifera virgifera</i> . <i>Pest Management Science</i> , 2021, 77, 2385-2394.	3.4	7
101	Development and Characterization of MIR604 Resistance in a Western Corn Rootworm Population (Coleoptera: Chrysomelidae). <i>Environmental Entomology</i> , 2016, 45, 526-536.	1.4	6
102	Western Corn Rootworm (Coleoptera: Chrysomelidae) Larval Movement in eCry3.1Ab+mCry3A Seed Blend Scenarios. <i>Journal of Economic Entomology</i> , 2016, 109, 1834-1845.	1.8	6
103	Comparative Assessment of Four Steinernematidae and Three Heterorhabditidae Species for Infectivity of Larval <i>Diabrotica virgifera virgifera</i> . <i>Journal of Economic Entomology</i> , 2018, 111, 542-548.	1.8	6
104	Repellent Effects of Methyl Anthranilate on Western Corn Rootworm Larvae (Coleoptera: Chrysomelidae). <i>Journal of Economic Entomology</i> , 2010, 103, 2052-2060.	1.8	9
105	Characterization of Corn Root Factors to Improve Artificial Diet for Western Corn Rootworm (Coleoptera: Chrysomelidae) Larvae. <i>Journal of Insect Science</i> , 2019, 19, .	1.5	6
106	Baseline Susceptibility of a Laboratory Strain of Northern Corn Rootworm, <i>Diabrotica barberi</i> (Coleoptera: Chrysomelidae) to <i>Bacillus thuringiensis</i> Traits in Seedling, Single Plant, and Diet-Toxicity Assays. <i>Journal of Economic Entomology</i> , 2020, 113, 1955-1962.	1.8	6
107	Detection of alternative splicing in western corn rootworm ( <i>Diabrotica virgifera</i> ) <i>Cry34</i> / <i>35Ab1</i> resistance. <i>Insect Molecular Biology</i> , 2021, 30, 436-445.	2.0	6
108	Behavioral Response of Corn Rootworm Adults to Host Plant Volatiles Perceived by Western Corn Rootworm (Coleoptera: Chrysomelidae). <i>Environmental Entomology</i> , 1999, 28, 961-967.	1.4	5

#	ARTICLE	IF	CITATIONS
109	Effect of Environment on Resistance to the European Corn Borer (Lepidoptera: Crambidae) in Maize. <i>Journal of Economic Entomology</i> , 2004, 97, 1745-1751.	1.8	5
110	Registration of Mo48 and Mo49 Maize Germplasm Lines with Resistance to European Corn Borer. <i>Crop Science</i> , 2005, 45, crops2005.0426.	1.8	5
111	Assessing larval rootworm behaviour after contacting maize roots: impact of germplasm, rootworm species and diapause status. <i>Journal of Applied Entomology</i> , 2009, 133, 21-32.	1.8	5
112	Indirect Root Defenses Cause Induced Fitness Costs in Bt-Resistant Western Corn Rootworm. <i>Journal of Economic Entomology</i> , 2018, 111, 2349-2358.	1.8	5
113	Assessing the Single and Combined Toxicity of the Bioinsecticide Spear and Cry3Bb1 Protein Against Susceptible and Resistant Western Corn Rootworm Larvae (Coleoptera: Chrysomelidae). <i>Journal of Economic Entomology</i> , 2021, 114, 2220-2228.	1.8	5
114	The Nutritive Value of Dying Maize and <i>Setaria faberii</i> Roots for Western Corn Rootworm (Coleoptera: Chrysomelidae) Development. <i>Journal of Economic Entomology</i> , 2008, 101, 1547-1556.	1.8	5
115	Initial Larval Feeding on an Alternate Host Enhances Western Corn Rootworm (Coleoptera: Chrysomelidae) Development. <i>Entomological Society of America</i> , 2009, 82, 63-75.	0.2	4
116	Isolation and Characterization of Host Recognition Cues in Corn Roots for Larvae of the Western Corn Rootworm (Coleoptera: Chrysomelidae). <i>Journal of Economic Entomology</i> , 2013, 106, 2354-2363.	1.8	4
117	Carbon Isotope Ratios Document That the Elytra of Western Corn Rootworm (Coleoptera: Chrysomelidae) Larvae Feeding on Alternate Hosts. <i>Environmental Entomology</i> , 2014, 43, 840-848.	1.4	4
118	Comparative Susceptibility of Western Corn Rootworm (Coleoptera: Chrysomelidae) Neonates to Selected Insecticides and Bt Proteins in the Presence and Absence of Feeding Stimulants. <i>Journal of Economic Entomology</i> , 2019, 112, 842-851.	1.8	4
119	Development of a nondiapausing strain of northern corn rootworm with rearing techniques for both diapausing and nondiapausing strains. <i>Scientific Reports</i> , 2021, 11, 17944.	3.3	4
120	Up-regulation of apoptotic- and cell survival-related gene pathways following exposures of western corn rootworm to <i>B. thuringiensis</i> crystalline pesticidal proteins in transgenic maize roots. <i>BMC Genomics</i> , 2021, 22, 639.	2.8	4
121	Number of Point Sources of Western Corn Rootworm (Coleoptera: Chrysomelidae) Eggs in Artificial Infestations Affects Larval Establishment and Plant Damage. <i>Journal of the Kansas Entomological Society</i> , 2006, 79, 119-128.	0.2	3
122	Tolerance of eCry3.1Ab in Reciprocal Cross Offspring of eCry3.1Ab-Selected and Control Colonies of <i>Diabrotica virgifera virgifera</i> (Coleoptera: Chrysomelidae). <i>Journal of Economic Entomology</i> , 2016, 109, 815-820.	1.8	3
123	Response of Maize Hybrids With and Without Rootworm- and Drought-Tolerance to Rootworm Infestation Under Well-Watered and Drought Conditions. <i>Journal of Economic Entomology</i> , 2018, 111, 193-208.	1.8	3
124	Patterns of Microbiome Composition Vary Across Spatial Scales in a Specialist Insect. <i>Frontiers in Microbiology</i> , 2022, 13, .	3.5	3
125	Examining <i>Cuphea</i> as a Potential Host for Western Corn Rootworm (Coleoptera: Chrysomelidae) Larval Development. <i>Journal of Economic Entomology</i> , 2008, 101, 797-800.	1.8	2
126	Examining <i>Cuphea</i> as a Potential Host for Western Corn Rootworm (Coleoptera: Chrysomelidae): Larval Development. <i>Journal of Economic Entomology</i> , 2008, 101, 797-800.	1.8	2



#	ARTICLE	IF	CITATIONS
127	Dolatia coriaria (Kraatz) (Coleoptera: Staphylinidae) as a Pest of Laboratory and Greenhouse Colonies of the Western Corn Rootworm (Coleoptera: Chrysomelidae). Journal of the Kansas Entomological Society, 2009, 82, 311-315.	0.2	2
128	Optimizing Egg Recovery From Wild Northern Corn Rootworm Beetles (Coleoptera: Chrysomelidae). Journal of Economic Entomology, 2019, 112, 2737-2743.	1.8	2
129	Protandry of Western Corn Rootworm (Coleoptera: Chrysomelidae) Beetle Emergence Partially Due to Earlier Egg Hatch of Males. Journal of the Kansas Entomological Society, 2017, 90, 94-99.	0.2	2
130	Adenanthera pavonina, a potential plant-based protein resource: seed protein composition and immunohistochemical localization of trypsin inhibitors. Food Chemistry: X, 2022, 13, 100253.	4.3	2
131	Effects of Cold Storage on Nondiapausing Eggs of the Western Corn Rootworm (Coleoptera: Chrysomelidae) Tj ETQq1 1 0.784314 1.8 /Overlock 10 T	1.8	1
132	Characterization of Thermal and Time Exposure to Improve Artificial Diet for Western Corn Rootworm Larvae. Insects, 2021, 12, 783.	2.2	1
133	Toxicometabolomic profiling of resistant and susceptible western corn rootworm larvae feeding on Bt maize seedlings. Scientific Reports, 2022, 12, .	3.3	1