

David I Shapiro-Ilan

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

197
papers

4,533
citations

33
h-index

57
g-index

204
ext. papers

5,302
ext. citations

2.5
avg, IF

5.77
L-index

#	Paper	IF	Citations
197	Control of <i>Curculio caryae</i> (Coleoptera: Curculionidae) with Reduced Rates of a Microbial Biopesticide. <i>Journal of Entomological Science</i> , 2022 , 57, 310-313	0.4	
196	Biocontrol of Wireworms (Coleoptera: Elateridae) Using Entomopathogenic Nematodes: The Impact of Infected Host Cadaver Application and Soil Characteristics. <i>Environmental Entomology</i> , 2021 , 50, 868-877	2.1	2
195	An Assessment of <i>Steinernema rarum</i> as a Biocontrol Agent in Sugarcane with Focus on <i>Sphenophorus levis</i> , Host-Finding Ability, Compatibility with Vinasse and Field Efficacy. <i>Agriculture (Switzerland)</i> , 2021 , 11, 500	3	2
194	Combined Effect of Entomopathogens against Lindeman (Thysanoptera: Thripidae): Laboratory, Greenhouse and Field Trials. <i>Insects</i> , 2021 , 12,	2.8	11
193	Identification and Virulence of <i>Cordyceps javanica</i> Strain wf GA17 Isolated From a Natural Fungal Population in Sweetpotato Whiteflies (Hemiptera: Aleyrodidae). <i>Environmental Entomology</i> , 2021 , 50, 1127-1136	2.1	0
192	Chemotaxis behaviour of <i>Steinernema carpocapsae</i> in response to <i>Galleria mellonella</i> (L.) larvae infected by con- or hetero-specific entomopathogenic nematodes. <i>Biocontrol Science and Technology</i> , 2021 , 31, 299-313	1.7	3
191	Quantification of pH tolerance levels among entomopathogenic nematodes. <i>Journal of Nematology</i> , 2021 , 53,	1.1	1
190	on Vegetables in the Southern United States: Incidence, Impact, and Management. <i>Insects</i> , 2021 , 12,	2.8	5
189	Virulence of Entomopathogenic Nematodes to Pupae of <i>Frankliniella fusca</i> (Thysanoptera: Thripidae). <i>Journal of Economic Entomology</i> , 2021 , 114, 2018-2023	2.2	3
188	Impact of a biorational pesticide on the pecan aphid complex and its natural enemies. <i>Biological Control</i> , 2021 , 104709	3.8	
187	Antifungal activity of different <i>Xenorhabdus</i> and <i>Photorhabdus</i> species against various fungal phytopathogens and identification of the antifungal compounds from <i>X. szentirmaii</i> . <i>Applied Microbiology and Biotechnology</i> , 2021 , 105, 5517-5528	5.7	5
186	Novel associations in antibiosis stemming from an insect pupal cell. <i>Journal of Invertebrate Pathology</i> , 2021 , 184, 107655	2.6	
185	Evaluation of Barricade [®] to enhance survival of entomopathogenic nematodes on cowhide. <i>Journal of Invertebrate Pathology</i> , 2021 , 184, 107592	2.6	2
184	The effect of chemical insecticides on the scavenging performance of <i>Steinernema carpocapsae</i> : Direct effects and exposure to insects killed by chemical insecticides. <i>Journal of Invertebrate Pathology</i> , 2021 , 184, 107641	2.6	
183	Potential use of entomopathogenic nematodes against the soil dwelling stages of onion thrips, <i>Thrips tabaci</i> Lindeman: Laboratory, greenhouse and field trials. <i>Biological Control</i> , 2021 , 161, 104677	3.8	6
182	Entomopathogenic nematodes as biological control agent against <i>Bactrocera zonata</i> and <i>Bactrocera dorsalis</i> (Diptera: Tephritidae). <i>Biological Control</i> , 2021 , 163, 104706	3.8	6
181	Antifungal activity of <i>Xenorhabdus</i> spp. and <i>Photorhabdus</i> spp. against the soybean pathogenic <i>Sclerotinia sclerotiorum</i> . <i>Scientific Reports</i> , 2020 , 10, 20649	4.9	6

180	Interactions Between Two Invertebrate Pathogens: An Endophytic Fungus and an Externally Applied Bacterium. <i>Frontiers in Microbiology</i> , 2020 , 11, 522368	5.7	5
179	Toward the Integration of an Attract-and-Kill Approach with Entomopathogenic Nematodes to Control Multiple Life Stages of Plum Curculio (Coleoptera: Curculionidae). <i>Insects</i> , 2020 , 11,	2.8	2
178	Metabolites from symbiotic bacteria of entomopathogenic nematodes have antimicrobial effects against <i>Pythium myriotylum</i> . <i>European Journal of Plant Pathology</i> , 2020 , 158, 35-44	2.1	2
177	Efficacy of entomopathogenic nematodes against the sugarbeet wireworm, <i>Limonius californicus</i> (Mannerheim) (Coleoptera: Elateridae). <i>Biological Control</i> , 2020 , 143, 104190	3.8	10
176	Conspecific and heterospecific pheromones stimulate dispersal of entomopathogenic nematodes during quiescence. <i>Scientific Reports</i> , 2020 , 10, 5738	4.9	8
175	Potential of entomopathogenic nematodes against the pupal stage of the apple maggot (Walsh) (Diptera: Tephritidae). <i>Journal of Nematology</i> , 2020 , 52, 1-9	1.1	7
174	Mortality of native and invasive ladybirds co-infected by ectoparasitic and entomopathogenic fungi. <i>PeerJ</i> , 2020 , 8, e101110	3.1	6
173	An innovative strategy for control of fungus gnats using entomopathogenic nematodes alone or in combination with waterlogging. <i>Journal of Nematology</i> , 2020 , 52, 1-9	1.1	
172	Virulence of Entomopathogenic Fungi to <i>Rhagoletis pomonella</i> (Diptera: Tephritidae) and Interactions With Entomopathogenic Nematodes. <i>Journal of Economic Entomology</i> , 2020 , 113, 2627-2633	3.2	16
171	Environmental Tolerance of Entomopathogenic Fungi: A New Strain of Isolated from a Whitefly Epizootic Versus Commercial Fungal Strains. <i>Insects</i> , 2020 , 11,	2.8	3
170	Environmental tolerance of entomopathogenic nematodes differs among nematodes arising from host cadavers versus aqueous suspension. <i>Journal of Invertebrate Pathology</i> , 2020 , 175, 107452	2.6	9
169	Montana Native Entomopathogenic Nematode Species Against <i>Limonius californicus</i> (Coleoptera: Elateridae). <i>Journal of Economic Entomology</i> , 2020 , 113, 2104-2111	2.2	4
168	Entomopathogenic Nematodes in Sustainable Food Production. <i>Frontiers in Sustainable Food Systems</i> , 2020 , 4,	4.8	11
167	Passive transfer of <i>Steinernema riobrave</i> entomopathogenic nematodes with potential implications for treatment of cattle fever tick-infested nilgai. <i>Biocontrol Science and Technology</i> , 2020 , 30, 1330-1339	1.7	3
166	Dynamics of entomopathogenic nematode foraging and infectivity in microgravity. <i>Npj Microgravity</i> , 2020 , 6, 20	5.3	3
165	Establishment of <i>Beauveria bassiana</i> as a fungal endophyte in pecan (<i>Carya illinoensis</i>) seedlings and its virulence against pecan insect pests. <i>Biological Control</i> , 2020 , 140, 104102	3.8	18
164	Exploring an Odor-Baited "Trap Bush" Approach to Aggregate Plum Curculio (Coleoptera: Curculionidae) Injury in Blueberries. <i>Insects</i> , 2019 , 10,	2.8	3
163	Pheromone extracts act as boosters for entomopathogenic nematodes efficacy. <i>Journal of Invertebrate Pathology</i> , 2019 , 164, 38-42	2.6	24

162	Efficacy of Bordeaux mixture in reducing pecan scab in the southeastern USA. <i>Organic Agriculture</i> , 2019 , 9, 189-198	1.7	2
161	Preferential infectivity of entomopathogenic nematodes in an envenomed host. <i>International Journal for Parasitology</i> , 2019 , 49, 737-745	4.3	2
160	Laboratory Assays Against Adult and Larval Sap Beetles (Coleoptera: Nitidulidae) Using Entomopathogenic Nematodes, Microbial-Based Insecticides, and Synthetic Insecticides. <i>Journal of Entomological Science</i> , 2019 , 54, 30-42	0.4	3
159	Comparative Efficacy of Entomopathogenic Nematodes Against a Multi-Acaricide Resistant Strain of Southern Cattle Fever Tick, <i>Rhipicephalus microplus</i> 1. <i>Southwestern Entomologist</i> , 2019 , 44, 143	0.3	5
158	A comparison of organic fungicides: alternatives for reducing scab on pecan. <i>Organic Agriculture</i> , 2019 , 9, 305-314	1.7	4
157	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	2.2	5
156	The combined approach of strain discovery and the inbred line technique for improving control of <i>Delia radicum</i> with <i>Heterorhabditis bacteriophora</i> . <i>Biological Control</i> , 2018 , 118, 37-43	3.8	2
155	Efficacy Evaluation of Six Entomopathogenic Nematode Species against Engorged Females of Southern Cattle Fever Tick, <i>Rhipicephalus (=Boophilus) microplus</i> . <i>Southwestern Entomologist</i> , 2018 , 43, 1-17	0.3	10
154	Effect of Immersion Time on Efficacy of Entomopathogenic Nematodes against Engorged Females of Cattle Fever Tick, <i>Rhipicephalus (=Boophilus) microplus</i> . <i>Southwestern Entomologist</i> , 2018 , 43, 19-28	0.3	7
153	Treatment of Cattle with <i>Steinernema riobrave</i> and <i>Heterorhabditis floridensis</i> for Control of the Southern Cattle Fever Tick, <i>Rhipicephalus (=Boophilus) microplus</i> . <i>Southwestern Entomologist</i> , 2018 , 43, 295-301	0.3	7
152	Entomopathogenic Nematodes as Biological Control Agents of Tomato Pests 2018 , 269-282		3
151	Entomopathogenic Nematodes and Fungi Virulence to Cowpea Curculio (Coleoptera: Curculionidae) Larvae1. <i>Journal of Entomological Science</i> , 2018 , 53, 152-161	0.4	1
150	Enhanced entomopathogenic nematode yield and fitness via addition of pulverized insect powder to solid media. <i>Journal of Nematology</i> , 2018 , 50, 495-506	1.1	3
149	Movement patterns in Entomopathogenic nematodes: Continuous vs. temporal. <i>Journal of Invertebrate Pathology</i> , 2018 , 151, 137-143	2.6	13
148	Thermo-stability, dose effects and shelf-life of antifungal metabolite-containing supernatants produced by <i>Xenorhabdus szentirmaii</i> . <i>European Journal of Plant Pathology</i> , 2018 , 150, 297-306	2.1	5
147	Risk taking of educated nematodes. <i>PLoS ONE</i> , 2018 , 13, e0205804	3.7	8
146	Infected host macerate enhances entomopathogenic nematode movement towards hosts and infectivity in a soil profile. <i>Journal of Invertebrate Pathology</i> , 2018 , 159, 141-144	2.6	13
145	Survival of <i>Steinernema feltiae</i> in different formulation substrates: Improved longevity in a mixture of gel and vermiculite. <i>Biological Control</i> , 2018 , 126, 192-197	3.8	7

144	The potential for using entomopathogenic nematodes and fungi in the management of the maize weevil, <i>Sitophilus zeamais</i> (Motschulsky) (Coleoptera: Curculionidae). <i>Biological Control</i> , 2018 , 125, 39-43 ^{3.8}	9
143	Trans-cinnamic acid and <i>Xenorhabdus szentirmaii</i> metabolites synergize the potency of some commercial fungicides. <i>Journal of Invertebrate Pathology</i> , 2017 , 145, 1-8	2.6 10
142	Effect of inoculum age and physical parameters on in vitro culture of the entomopathogenic nematode <i>Steinernema feltiae</i> . <i>Journal of Helminthology</i> , 2017 , 91, 686-695	1.6 11
141	Leveraging the Ecology of Invertebrate Pathogens in Microbial Control 2017 , 469-493	3
140	Natural product diversity associated with the nematode symbionts <i>Photorhabdus</i> and <i>Xenorhabdus</i> . <i>Nature Microbiology</i> , 2017 , 2, 1676-1685	26.6 78
139	Effects of single and combined applications of entomopathogenic fungi and nematodes against <i>Rhynchophorus ferrugineus</i> (Olivier). <i>Scientific Reports</i> , 2017 , 7, 5971	4.9 26
138	Nematodes 2017 , 415-440	12
137	Parasites of <i>Harmonia axyridis</i> : current research and perspectives. <i>BioControl</i> , 2017 , 62, 355-371	2.3 33
136	Control of Pecan Weevil With Microbial Biopesticides. <i>Environmental Entomology</i> , 2017 , 46, 1299-1304	2.1 6
135	In Vivo Production of Entomopathogenic Nematodes. <i>Methods in Molecular Biology</i> , 2016 , 1477, 137-58	1.4 16
134	The impact of Cu, Zn and Cr salts on the relationship between insect and plant parasitic nematodes: A reduction in biocontrol efficacy. <i>Applied Soil Ecology</i> , 2016 , 107, 108-115	5 7
133	Multifaceted effects of host plants on entomopathogenic nematodes. <i>Journal of Invertebrate Pathology</i> , 2016 , 135, 53-9	2.6 15
132	Enhanced biological control potential of the entomopathogenic nematode, <i>Steinernema carpocapsae</i> , applied with a protective gel formulation. <i>Biocontrol Science and Technology</i> , 2016 , 26, 835-848 ^{1.7}	12
131	Efficacy of <i>Steinernema carpocapsae</i> plus fire gel applied as a single spray for control of the lesser peachtree borer, <i>Synanthedon pictipes</i> . <i>Biological Control</i> , 2016 , 94, 33-36	3.8 19
130	Environmental drivers of trait changes in <i>Photorhabdus luminescens</i> . <i>Biological Control</i> , 2016 , 92, 145-152 ^{3.2}	2
129	The Effects of Nutrient Concentration, Addition of Thickeners, and Agitation Speed on Liquid Fermentation of <i>Steinernema feltiae</i> . <i>Journal of Nematology</i> , 2016 , 48, 126-33	1.1 16
128	Curative Control of the Peachtree Borer Using Entomopathogenic Nematodes. <i>Journal of Nematology</i> , 2016 , 48, 170-176	1.1 11
127	Biological control and nutrition: Food for thought. <i>Biological Control</i> , 2016 , 97, 131-138	3.8 13

126	Relative potency of culture supernatants of <i>Xenorhabdus</i> and <i>Photorhabdus</i> spp. on growth of some fungal phytopathogens. <i>European Journal of Plant Pathology</i> , 2016 , 146, 369-381	2.1	27
125	A Comparison of Novel Entomopathogenic Nematode Application Methods for Control of the Chive Gnat, <i>Bradysia odoriphaga</i> (Diptera: Sciaridae). <i>Journal of Economic Entomology</i> , 2016 , 109, 2006-13 ²		4
124	Limiting opportunities for cheating stabilizes virulence in insect parasitic nematodes. <i>Evolutionary Applications</i> , 2016 , 9, 462-70	4.8	7
123	Insect pathogens as biological control agents: Back to the future. <i>Journal of Invertebrate Pathology</i> , 2015 , 132, 1-41	2.6	680
122	A novel approach to biocontrol: Release of live insect hosts pre-infected with entomopathogenic nematodes. <i>Journal of Invertebrate Pathology</i> , 2015 , 130, 56-60	2.6	17
121	Morphometric Analysis of Instar Variation in <i>Tenebrio molitor</i> (Coleoptera: Tenebrionidae). <i>Annals of the Entomological Society of America</i> , 2015 , 108, 146-159	2	18
120	Insect Cadaver Applications: Pros and Cons 2015 , 207-229		6
119	Entomopathogenic Nematode Application Technology 2015 , 231-254		13
118	Field suppression of the peachtree borer, <i>Synanthedon exitiosa</i> , using <i>Steinernema carpocapsae</i> : Effects of irrigation, a sprayable gel and application method. <i>Biological Control</i> , 2015 , 82, 7-12	3.8	26
117	An insect pupal cell with antimicrobial properties that suppress an entomopathogenic fungus. <i>Journal of Invertebrate Pathology</i> , 2015 , 124, 114-6	2.6	7
116	Viability and Virulence of Entomopathogenic Nematodes Exposed to Ultraviolet Radiation. <i>Journal of Nematology</i> , 2015 , 47, 184-9	1.1	13
115	Production of Entomopathogenic Nematodes 2014 , 321-355		39
114	Suppression of pecan and peach pathogens on different substrates using <i>Xenorhabdus bovienii</i> and <i>Photorhabdus luminescens</i> . <i>Biological Control</i> , 2014 , 77, 1-6	3.8	18
113	Aggregative group behavior in insect parasitic nematode dispersal. <i>International Journal for Parasitology</i> , 2014 , 44, 49-54	4.3	39
112	Identification of the antifungal compound, trans-cinnamic acid, produced by <i>Photorhabdus luminescens</i> , a potential biopesticide against pecan scab. <i>Journal of Pest Science</i> , 2014 , 87, 155-162	5.5	31
111	Biocontrol Potential of <i>Steinernema thermophilum</i> and Its Symbiont <i>Xenorhabdus indica</i> Against Lepidopteran Pests: Virulence to Egg and Larval Stages. <i>Journal of Nematology</i> , 2014 , 46, 18-26	1.1	10
110	Freezing and desiccation tolerance in entomopathogenic nematodes: diversity and correlation of traits. <i>Journal of Nematology</i> , 2014 , 46, 27-34	1.1	17
109	Infectivity of <i>Steinernema carpocapsae</i> and <i>S. feltiae</i> to Larvae and Adults of the Hazelnut Weevil, <i>Curculio nucum</i> : Differential Virulence and Entry Routes. <i>Journal of Nematology</i> , 2014 , 46, 281-6	1.1	5

108	Characterization of Biocontrol Traits in <i>Heterorhabditis floridensis</i> : A Species with Broad Temperature Tolerance. <i>Journal of Nematology</i> , 2014 , 46, 336-45	1.1	6
107	Magnetic and electric fields induce directional responses in <i>Steinernema carpocapsae</i> . <i>International Journal for Parasitology</i> , 2013 , 43, 781-4	4.3	24
106	Using entomopathogenic nematodes for biological control of plum curculio, <i>Conotrachelus nenuphar</i> : Effects of irrigation and species in apple orchards. <i>Biological Control</i> , 2013 , 67, 123-129	3.8	16
105	Control of key pecan insect pests using biorational pesticides. <i>Journal of Economic Entomology</i> , 2013 , 106, 257-66	2.2	15
104	Effects of entomopathogenic fungus species, and impact of fertilizers, on biological control of pecan weevil (Coleoptera: Curculionidae). <i>Environmental Entomology</i> , 2013 , 42, 253-61	2.1	5
103	Earthworms as phoretic hosts for <i>Steinernema carpocapsae</i> and <i>Beauveria bassiana</i> : Implications for enhanced biological control. <i>Biological Control</i> , 2013 , 66, 41-48	3.8	33
102	The potential for controlling <i>Pangaeus bilineatus</i> (Heteroptera: Cydnidae) using a combination of entomopathogens and an insecticide. <i>Journal of Economic Entomology</i> , 2013 , 106, 2072-6	2.2	10
101	Use of Nutrient Self-Selection as a Diet Refining Tool in <i>Tenebrio molitor</i> (Coleoptera: Tenebrionidae). <i>Journal of Entomological Science</i> , 2013 , 48, 206-221	0.4	30
100	Principles of Epizootiology and Microbial Control 2012 , 29-72		40
99	Laboratory Virulence of Entomopathogenic Nematodes to Two Ornamental Plant Pests, <i>Corythucha ciliata</i> (Hemiptera: Tingidae) and <i>Stethobaris nemesis</i> (Coleoptera: Curculionidae). <i>Florida Entomologist</i> , 2012 , 95, 922-927	1	5
98	Directional movement of entomopathogenic nematodes in response to electrical field: effects of species, magnitude of voltage, and infective juvenile age. <i>Journal of Invertebrate Pathology</i> , 2012 , 109, 34-40	2.6	33
97	Cumulative impact of a clover cover crop on the persistence and efficacy of <i>Beauveria bassiana</i> in suppressing the pecan weevil (Coleoptera: Curculionidae). <i>Environmental Entomology</i> , 2012 , 41, 298-307 ^{2.1}	2.1	14
96	Impact of Adult Weight, Density, and Age on Reproduction of <i>Tenebrio molitor</i> (Coleoptera: Tenebrionidae). <i>Journal of Entomological Science</i> , 2012 , 47, 208-220	0.4	31
95	Improved Control of <i>Curculio caryae</i> (Coleoptera: Curculionidae) through Multi-Stage Pre-Emergence Applications of <i>Steinernema carpocapsae</i> . <i>Journal of Entomological Science</i> , 2012 , 47, 27-34	0.4	5
94	Optimization of a Host Diet for in vivo Production of Entomopathogenic Nematodes. <i>Journal of Nematology</i> , 2012 , 44, 264-73	1.1	4
93	Entomopathogenic nematode production and application technology. <i>Journal of Nematology</i> , 2012 , 44, 206-17	1.1	69
92	Self-selection of two diet components by <i>Tenebrio molitor</i> (Coleoptera: Tenebrionidae) larvae and its impact on fitness. <i>Environmental Entomology</i> , 2011 , 40, 1285-94	2.1	43
91	Outcrossing and crossbreeding recovers deteriorated traits in laboratory cultured <i>Steinernema carpocapsae</i> nematodes. <i>International Journal for Parasitology</i> , 2011 , 41, 801-9	4.3	18

90	Interactions of aRhabditissp. on the Virulence ofHeterorhabditisandSteinernemain Puerto Rico. <i>Florida Entomologist</i> , 2011 , 94, 701-702	1	2
89	Laboratory virulence and orchard efficacy of entomopathogenic nematodes against the lesser peachtree borer (Lepidoptera: Sesiidae). <i>Journal of Economic Entomology</i> , 2011 , 104, 47-53	2.2	8
88	Effects of combining microbial and chemical insecticides on mortality of the Pecan Weevil (Coleoptera: Curculionidae). <i>Journal of Economic Entomology</i> , 2011 , 104, 14-20	2.2	11
87	Comparative impact of artificial selection for fungicide resistance on <i>Beauveria bassiana</i> and <i>Metarhizium brunneum</i> . <i>Environmental Entomology</i> , 2011 , 40, 59-65	2.1	13
86	Improving Formulations for Biopesticides: Enhanced UV Protection for Beneficial Microbes. <i>Journal of ASTM International</i> , 2011 , 8, 102793		4
85	Virulence of Entomopathogenic Nematodes to Plum Curculio, <i>Conotrachelus nenuphar</i> : Effects of Strain, Temperature, and Soil Type. <i>Journal of Nematology</i> , 2011 , 43, 187-95	1.1	8
84	Effects of a novel entomopathogenic nematode-infected host formulation on cadaver integrity, nematode yield, and suppression of <i>Diaprepes abbreviatus</i> and <i>Aethina tumida</i> . <i>Journal of Invertebrate Pathology</i> , 2010 , 103, 103-8	2.6	43
83	Post-application of anti-desiccant agents improves efficacy of entomopathogenic nematodes in formulated host cadavers or aqueous suspension against diapausing codling moth larvae (Lepidoptera: Tortricidae). <i>Biocontrol Science and Technology</i> , 2010 , 20, 909-921	1.7	21
82	Developmental Plasticity in <i>Tenebrio molitor</i> (Coleoptera: Tenebrionidae): Analysis of Instar Variation in Number and Development Time under Different Diets. <i>Journal of Entomological Science</i> , 2010 , 45, 75-90	0.4	51
81	Efficacy of <i>Steinernema carpocapsae</i> for control of the lesser peachtree borer, <i>Synanthedon pictipes</i> : Improved aboveground suppression with a novel gel application. <i>Biological Control</i> , 2010 , 54, 23-28	3.8	48
80	Compatibility of <i>Heterorhabditis indica</i> (Rhabditida: Heterorhabditidae) and <i>Habrobracon hebetor</i> (Hymenoptera: Braconidae) for biological control of <i>Plodia interpunctella</i> (Lepidoptera: Pyralidae). <i>Biological Control</i> , 2010 , 54, 75-82	3.8	39
79	A novel strain of <i>Steinernema riobrave</i> (Rhabditida: Steinernematidae) possesses superior virulence to subterranean termites (Isoptera: Rhinotermitidae). <i>Journal of Nematology</i> , 2010 , 42, 91-5	1.1	11
78	Evaluation of soyscreen in an oil-based formulation for UV protection of <i>Beauveria bassiana</i> conidia. <i>Journal of Economic Entomology</i> , 2009 , 102, 1759-66	2.2	21
77	Transcriptional profiling of trait deterioration in the insect pathogenic nematode <i>Heterorhabditis bacteriophora</i> . <i>BMC Genomics</i> , 2009 , 10, 609	4.5	20
76	Characterization of biocontrol traits in the entomopathogenic nematode <i>Heterorhabditis georgiana</i> (Keshu strain), and phylogenetic analysis of the nematode's symbiotic bacteria. <i>Biological Control</i> , 2009 , 51, 377-387	3.8	26
75	A novel approach to biological control with entomopathogenic nematodes: Prophylactic control of the peachtree borer, <i>Synanthedon exitiosa</i> . <i>Biological Control</i> , 2009 , 48, 259-263	3.8	23
74	Directional movement of steinernematid nematodes in response to electrical current. <i>Journal of Invertebrate Pathology</i> , 2009 , 100, 134-7	2.6	22
73	Suppressive effects of metabolites from <i>Photorhabdus</i> and <i>Xenorhabdus</i> spp. on phytopathogens of peach and pecan. <i>Archives of Phytopathology and Plant Protection</i> , 2009 , 42, 715-728	1	24

72	Efficacy of Entomopathogenic Fungi in Suppressing Pecan Weevil, <i>Curculio caryae</i> (Coleoptera: Curculionidae), in Commercial Pecan Orchards. <i>Southwestern Entomologist</i> , 2009 , 34, 111-120	0.3	4
71	Laboratory Mortality and Mycosis of Adult <i>Curculio caryae</i> (Coleoptera: Curculionidae) Following Application of <i>Metarhizium anisopliae</i> in the Laboratory or Field. <i>Journal of Entomological Science</i> , 2009 , 44, 24-36	0.4	7
70	Naturally Occurring Pathogens and Invasive Arthropods 2009 , 19-32		1
69	Microbial control of insect pests in temperate orchard systems: potential for incorporation into IPM. <i>Annual Review of Entomology</i> , 2008 , 53, 121-44	21.8	153
68	Role of symbiotic and non-symbiotic bacteria in carbon dioxide production from hosts infected with <i>Steinernema riobrave</i> . <i>Journal of Invertebrate Pathology</i> , 2008 , 99, 35-42	2.6	2
67	Virulence of <i>Hypochoeriales</i> fungi to pecan aphids (Hemiptera: Aphididae) in the laboratory. <i>Journal of Invertebrate Pathology</i> , 2008 , 99, 312-7	2.6	25
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