

Ann E Hajek

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.

221
papers

4,601
citations

34
h-index

57
g-index

233
ext. papers

5,152
ext. citations

2.7
avg, IF

5.84
L-index

#	Paper	IF	Citations
221	Season-long infection of diverse hosts by the entomopathogenic fungus <i>Batkoa major</i> .. <i>PLoS ONE</i> , 2022 , 17, e0261912	3.7	0
220	Discovery of two hypocrealean fungi infecting spotted lanternflies, <i>Lycorma delicatula</i> : <i>Metarhizium pemphigi</i> and a novel species, <i>Ophiocordyceps delicatula</i> . <i>Journal of Invertebrate Pathology</i> , 2021 , 186, 107689	2.6	1
219	Summary of classical biological control introductions of entomopathogens and nematodes for insect control. <i>BioControl</i> , 2021 , 66, 167-180	2.3	3
218	Further spread of the gypsy moth fungal pathogen, <i>Entomophaga maimaiga</i> , to the west and north in Central Europe. <i>Journal of Plant Diseases and Protection</i> , 2021 , 128, 323-331	1.5	
217	Inoculative Releases and Natural Spread of the Fungal Pathogen <i>Entomophaga maimaiga</i> (Entomophthorales: Entomophthoraceae) into U.S. Populations of Gypsy Moth, <i>Lymantria dispar</i> (Lepidoptera: Erebidiae). <i>Environmental Entomology</i> , 2021 , 50, 1007-1015	2.1	2
216	Histologic lesions of experimental infection with multicapsid nucleopolyhedrovirus and cytoplasmic polyhedrosis virus in European gypsy moth caterpillars (). <i>Veterinary Pathology</i> , 2021 , 58, 1152-1157	2.8	
215	A double-edged sword: <i>Amylostereum areolatum</i> odors attract both <i>Sirex noctilio</i> (Hymenoptera: Siricidae) and its parasitoid, <i>Ibalia leucospoides</i> . <i>Fungal Ecology</i> , 2021 , 54, 101108	4.1	2
214	Applications of <i>Beauveria bassiana</i> (Hypocreales: Cordycipitaceae) to Control Populations of Spotted Lanternfly (Hemiptera: Fulgoridae), in Semi-Natural Landscapes and on Grapevines. <i>Environmental Entomology</i> , 2020 , 49, 854-864	2.1	7
213	<i>Nosema maddoxi</i> infecting the brown marmorated Stink bug, <i>Halyomorpha halys</i> (Stål) (Hemiptera: Pentatomidae), in the Republic of Georgia. <i>Biocontrol Science and Technology</i> , 2020 , 30, 1083-1089	1.7	2
212	Virulence of Commercialized Fungal Entomopathogens Against Asian Longhorned Beetle (Coleoptera: Cerambycidae). <i>Journal of Insect Science</i> , 2020 , 20,	2	14
211	Genetic variability among native and introduced strains of the parasitic nematode <i>Deladenus siricidicola</i> . <i>Journal of Invertebrate Pathology</i> , 2020 , 173, 107385	2.6	0
210	Impact of <i>Nosema maddoxi</i> on the survival, development, and female fecundity of <i>Halyomorpha halys</i> . <i>Journal of Invertebrate Pathology</i> , 2020 , 169, 107303	2.6	7
209	Compatibility of a microsclerotial granular formulation of the entomopathogenic fungus <i>Metarhizium brunneum</i> with fungicides. <i>BioControl</i> , 2020 , 65, 113-123	2.3	2
208	Optimizing Application Rates of <i>Metarhizium brunneum</i> (Hypocreales: Clavicipitaceae) Microsclerotia for Infecting the Invasive Asian Longhorned Beetle (Coleoptera: Cerambycidae). <i>Journal of Economic Entomology</i> , 2020 , 113, 2650-2656	2.2	2
207	<i>Nosema maddoxi</i> (Microsporidia: Nosematidae) in brown marmorated stink bug, <i>Halyomorpha halys</i> (Hemiptera: Pentatomidae), populations in the United States. <i>Biological Control</i> , 2020 , 144, 104213 ^{3.8}		4
206	Impacts of <i>Metarhizium brunneum</i> F52 infection on the flight performance of Asian longhorned beetles, <i>Anoplophora glabripennis</i> . <i>PLoS ONE</i> , 2019 , 14, e0221997	3.7	1
205	A pair of native fungal pathogens drives decline of a new invasive herbivore. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 9178-9180	11.5	26

204	Asian longhorned beetle bioassays to evaluate formulation and dose-response effects of <i>Metarhizium microsclerotia</i> . <i>Journal of Invertebrate Pathology</i> , 2019 , 163, 64-66	2.6	6
203	Context-dependent interactions of insects and defensive symbionts: insights from a novel system in siricid woodwasps. <i>Current Opinion in Insect Science</i> , 2019 , 33, 77-83	5.1	6
202	Relating Aerial Deposition of <i>Entomophaga maimaiga</i> Conidia (Zoopagomycota: Entomophthorales) to Mortality of Gypsy Moth (Lepidoptera: Erebidae) Larvae and Nearby Defoliation. <i>Environmental Entomology</i> , 2019 , 48, 1214-1222	2.1	7
201	Symbionts mediate oviposition behaviour in invasive and native woodwasps. <i>Agricultural and Forest Entomology</i> , 2018 , 20, 442-450	1.9	2
200	<i>Nosema maddoxi</i> sp. nov. (Microsporidia, Nosematidae), a Widespread Pathogen of the Green Stink Bug <i>Chinavia hilaris</i> (Say) and the Brown Marmorated Stink Bug <i>Halyomorpha halys</i> (Stål). <i>Journal of Eukaryotic Microbiology</i> , 2018 , 65, 315-330	3.6	15
199	Why Use Natural Enemies? 2018 , 3-21		
198	Introduction to Biological Control 2018 , 22-38		
197	Classical Biological Control 2018 , 41-65		
196	Augmentation: Inundative and Inoculative Biological Control 2018 , 66-84		
195	Conservation and Enhancement of Natural Enemies 2018 , 85-106		
194	Ecological Basis for Use of Predators, Parasitoids, and Pathogens to Control Pests 2018 , 109-136		
193	Predators 2018 , 137-160		
192	Insect Parasitoids: Attack by Aliens 2018 , 161-188		
191	Parasitic Nematodes 2018 , 189-201		
190	Bacterial Pathogens of Invertebrates 2018 , 202-214		
189	Viral Pathogens of Invertebrates and Vertebrates 2018 , 215-228		
188	Fungal Pathogens of Invertebrates 2018 , 229-242		
187	Biology and Ecology of Herbivores Used for Biological Control of Weeds 2018 , 245-262		

186	Phytophagous Invertebrates and Vertebrates 2018 , 263-277		
185	Plant Pathogens for Controlling Weeds 2018 , 278-288		
184	Biology and Ecology of Microorganisms for Control of Plant Diseases 2018 , 291-307		1
183	Microbial Antagonists Combating Plant Pathogens and Plant Parasitic Nematodes 2018 , 308-324		0
182	Making Biological Control Safe 2018 , 327-358		
181	Biological Control as Part of Integrated Pest Management 2018 , 359-375		
180	Our Changing World: Moving Forward 2018 , 376-388		
179	Phytophagous larvae occurring in Central and Southeastern European oak forests as a potential host of <i>Entomophaga maimaiga</i> (Entomophthorales: Entomophthoraceae) - A field study. <i>Journal of Invertebrate Pathology</i> , 2018 , 155, 52-54	2.6	3
178	Sleeping Beauties: Horizontal Transmission via Resting Spores of Species in the Entomophthoromycotina. <i>Insects</i> , 2018 , 9,	2.8	7
177	Characterisation of the dimorphic <i>Deladenus beddingi</i> n. sp. and its associated woodwasp and fungus. <i>Nematology</i> , 2018 , 20, 939-955	0.9	3
176	Natural Enemies: An Introduction to Biological Control 2018 ,		38
175	Symbiont Spillover from Invasive to Native Woodwasps. <i>Microbial Ecology</i> , 2018 , 75, 7-9	4.4	4
174	Biological control of <i>Sirex noctilio</i> (Hymenoptera: Siricidae) in the northeastern United States using an exotic parasitic nematode. <i>Biological Control</i> , 2017 , 107, 77-86	3.8	9
173	Multiple introductions of <i>Sirex noctilio</i> (Hymenoptera: Siricidae) in northeastern North America based on microsatellite genotypes, and implications for biological control. <i>Biological Invasions</i> , 2017 , 19, 1431-1447	2.7	5
172	Starvation and Imidacloprid Exposure Influence Immune Response by <i>Anoplophora glabripennis</i> (Coleoptera: Cerambycidae) to a Fungal Pathogen. <i>Journal of Economic Entomology</i> , 2017 , 110, 1451-1459 ²		6
171	Modification of a Pollen Trap Design To Capture Airborne Conidia of <i>Entomophaga maimaiga</i> and Detection of Conidia by Quantitative PCR. <i>Applied and Environmental Microbiology</i> , 2017 , 83,	4.8	5
170	Zombie soldier beetles: Epizootics in the goldenrod soldier beetle, <i>Chauliognathus pensylvanicus</i> (Coleoptera: Cantharidae) caused by <i>Eryniopsis lampyridarum</i> (Entomophthoromycotina: Entomophthoraceae). <i>Journal of Invertebrate Pathology</i> , 2017 , 148, 51-59	2.6	19
169	Classical biological control of insect pests of trees: facts and figures. <i>Biological Invasions</i> , 2017 , 19, 3401-3417		96

168	Leveraging the Ecology of Invertebrate Pathogens in Microbial Control 2017 , 469-493		3
167	Methods for Studying the Ecology of Invertebrate Diseases and Pathogens 2017 , 19-47		2
166	The first entomophthoralean killing millipedes, <i>Arthropaga myriapodina</i> n. gen. n. sp., causes climbing before host death. <i>Journal of Invertebrate Pathology</i> , 2017 , 149, 135-140	2.6	11
165	<i>Metarhizium microsclerotia</i> and hydrogel versus hydromulch: testing fungal formulations against Asian longhorned beetles. <i>Biocontrol Science and Technology</i> , 2017 , 27, 918-930	1.7	8
164	Evaluating <i>Metarhizium brunneum</i> F52 microsclerotia in hydromulch formulations using different tackifiers under forest and orchard conditions. <i>BioControl</i> , 2017 , 62, 769-778	2.3	8
163	The Biotic Environment 2017 , 187-212		0
162	The Pathogen Population 2017 , 49-99		0
161	Ecology of Emerging Infectious Diseases of Invertebrates 2017 , 587-625		2
160	Hijacked: Co-option of host behavior by entomophthoralean fungi. <i>PLoS Pathogens</i> , 2017 , 13, e1006274	7.6	19
159	Investigating the effects of symbiotic fungi on the flight behaviour of <i>Sirex noctilio</i> (Hymenoptera: Siricidae). <i>Canadian Entomologist</i> , 2016 , 148, 543-551	0.7	7
158	Evaluating different carriers of <i>Metarhizium brunneum</i> F52 microsclerotia for control of adult Asian longhorned beetles (Coleoptera: Cerambycidae). <i>Biocontrol Science and Technology</i> , 2016 , 26, 1212-1229 ¹⁻⁷		10
157	Influence of mating and age on susceptibility of the beetle <i>Anoplophora glabripennis</i> to the fungal pathogen <i>Metarhizium brunneum</i> . <i>Journal of Invertebrate Pathology</i> , 2016 , 136, 142-8	2.6	8
156	Conidial production, persistence and pathogenicity of hydromulch formulations of <i>Metarhizium brunneum</i> F52 microsclerotia under forest conditions. <i>Biological Control</i> , 2016 , 95, 83-93	3.8	16
155	Novel and co-evolved associations between insects and microorganisms as drivers of forest pestilence. <i>Biological Invasions</i> , 2016 , 18, 1045-1056	2.7	58
154	Growth of the <i>Sirex</i> -parasitic nematode <i>Deladenus siricidicola</i> on the white rot fungus <i>Amylostereum</i> . <i>Journal of Invertebrate Pathology</i> , 2016 , 134, 12-14	2.6	6
153	Exotic biological control agents: A solution or contribution to arthropod invasions?. <i>Biological Invasions</i> , 2016 , 18, 953-969	2.7	104
152	Fatal diseases and parasitoids: from competition to facilitation in a shared host. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016 , 283,	4.4	11
151	Tylenchid entomoparasites isolated from <i>Spondylis buprestoides</i> (L.) and <i>Asemum striatum</i> (L.) (Coleoptera: Cerambycidae). <i>Nematology</i> , 2016 , 18, 775-780	0.9	3

150	Phylogenetic placement of two species known only from resting spores: <i>Zoophthora independentia</i> sp. nov. and <i>Z. porteri</i> comb nov. (Entomophthorales: Entomophthoraceae). <i>Journal of Invertebrate Pathology</i> , 2016 , 140, 68-74	2.6	4
149	Multilocus genotyping of <i>Amylostereum</i> spp. associated with <i>Sirex noctilio</i> and other woodwasps from Europe reveal clonal lineage introduced to the US. <i>Fungal Biology</i> , 2015 , 119, 595-604	2.8	13
148	Microsclerotia of <i>Metarhizium brunneum</i> F52 Applied in Hydromulch for Control of Asian Longhorned Beetles (Coleoptera: Cerambycidae). <i>Journal of Economic Entomology</i> , 2015 , 108, 433-43	2.2	19
147	The importance of olfactory and visual cues in developing better monitoring tools for <i>Sirex noctilio</i> (Hymenoptera: Siricidae). <i>Agricultural and Forest Entomology</i> , 2015 , 17, 29-35	1.9	17
146	Detection of presumptive mycoparasites associated with <i>Entomophaga maimaiga</i> resting spores in forest soils. <i>Journal of Invertebrate Pathology</i> , 2015 , 124, 87-9	2.6	2
145	Replacement of a dominant viral pathogen by a fungal pathogen does not alter the collapse of a regional forest insect outbreak. <i>Oecologia</i> , 2015 , 177, 785-797	2.9	26
144	Maternal Exposure of a Beetle to Pathogens Protects Offspring against Fungal Disease. <i>PLoS ONE</i> , 2015 , 10, e0125197	3.7	18
143	Eat or be eaten: fungus and nematode switch off as predator and prey. <i>Fungal Ecology</i> , 2014 , 11, 114-121	4.1	11
142	<i>Deladenus</i> (Tylenchida: Neotylenchidae) reproduction on species and strains of the white rot fungus <i>Amylostereum</i> . <i>Biological Control</i> , 2014 , 73, 50-58	3.8	15
141	Comparing virulence of North American <i>Beauveria brongniartii</i> and commercial pathogenic fungi against Asian longhorned beetles. <i>Biological Control</i> , 2014 , 72, 91-97	3.8	13
140	The effect of time postexposure and sex on the horizontal transmission of <i>Metarhizium brunneum</i> conidia between Asian longhorned beetle (Coleoptera: Cerambycidae) mates. <i>Environmental Entomology</i> , 2014 , 43, 1552-60	2.1	9
139	Impact of <i>Entomophaga maimaiga</i> (Entomophthorales: Entomophthoraceae) on outbreak gypsy moth populations (Lepidoptera: Erebididae): the role of weather. <i>Environmental Entomology</i> , 2014 , 43, 632-41	2.1	24
138	Seasonal decline in plant defence is associated with relaxed offensive oviposition behaviour in the viburnum leaf beetle <i>Pyrrhalta viburni</i> . <i>Ecological Entomology</i> , 2014 , 39, 589-594	2.1	4
137	Phylogenetic analysis of <i>Deladenus</i> nematodes parasitizing northeastern North American <i>Sirex</i> species. <i>Journal of Invertebrate Pathology</i> , 2013 , 113, 177-83	2.6	24
136	Fidelity among <i>Sirex</i> woodwasps and their fungal symbionts. <i>Microbial Ecology</i> , 2013 , 65, 753-62	4.4	45
135	Chytrid mycoparasitism of entomophthoralean azygospores. <i>Journal of Invertebrate Pathology</i> , 2013 , 114, 333-6	2.6	11
134	Parasitism of <i>Sirex noctilio</i> by non-sterilizing <i>Deladenus siricidicola</i> in northeastern North America. <i>Biological Control</i> , 2013 , 67, 203-211	3.8	31
133	Comparing fungal band formulations for Asian longhorned beetle biological control. <i>Journal of Invertebrate Pathology</i> , 2013 , 113, 240-6	2.6	10

132	Conidial acquisition and survivorship of adult Asian longhorned beetles exposed to flat versus shaggy agar fungal bands. <i>Journal of Invertebrate Pathology</i> , 2013 , 113, 247-9	2.6	10
131	The within-season and between-tree distribution of imidacloprid trunk-injected into <i>Acer platanoides</i> (Sapindales: Sapindaceae). <i>Journal of Economic Entomology</i> , 2013 , 106, 874-82	2.2	4
130	Emergent fungal entomopathogen does not alter density dependence in a viral competitor. <i>Ecology</i> , 2013 , 94, 1217-22	4.6	23
129	Prey-processing by avian predators enhances virus transmission in the gypsy moth. <i>Oikos</i> , 2012 , 121, 1311-1316	4	27
128	Comparing two methods for quantifying soil-borne <i>Entomophaga maimaiga</i> resting spores. <i>Journal of Invertebrate Pathology</i> , 2012 , 111, 193-5	2.6	5
127	Release, establishment, and initial spread of the fungal pathogen <i>Entomophaga maimaiga</i> in island populations of <i>Lymantria dispar</i> . <i>Biological Control</i> , 2012 , 63, 31-39	3.8	13
126	Methods for study of the Entomophthorales 2012 , 285-316		22
125	Efficacy of imidacloprid, trunk-injected into <i>Acer platanoides</i> , for control of adult Asian longhorned beetles (Coleoptera: Cerambycidae). <i>Journal of Economic Entomology</i> , 2012 , 105, 2015-28	2.2	11
124	Evaluation of potential versus realized primary infection of gypsy moth (Lepidoptera: Lymantriidae) by <i>Entomophaga maimaiga</i> (Zygomycetes: Entomophthorales). <i>Environmental Entomology</i> , 2012 , 41, 1115-24	2.1	2
123	<i>Papilio polyxenes</i> densovirus has an iteravirus-like genome organization. <i>Journal of Virology</i> , 2012 , 86, 9534-5	6.6	5
122	The effect of exposure to imidacloprid on Asian longhorned beetle (Coleoptera: Cerambycidae) survival and reproduction. <i>Journal of Economic Entomology</i> , 2011 , 104, 1942-9	2.2	8
121	Introduced pathogens follow the invasion front of a spreading alien host. <i>Journal of Animal Ecology</i> , 2011 , 80, 1217-26	4.7	30
120	Transmission of <i>Metarhizium brunneum</i> conidia between male and female <i>Anoplophora glabripennis</i> adults. <i>BioControl</i> , 2011 , 56, 771-780	2.3	20
119	Ants defend aphids against lethal disease. <i>Biology Letters</i> , 2010 , 6, 205-8	3.6	42
118	Variability in azygospore production among <i>Entomophaga maimaiga</i> isolates. <i>Journal of Invertebrate Pathology</i> , 2010 , 104, 157-9	2.6	2
117	Debilitation in conidia of the entomopathogenic fungi <i>Beauveria bassiana</i> and <i>Metarhizium anisopliae</i> and implication with respect to viability determinations and mycopesticide quality assessments. <i>Journal of Invertebrate Pathology</i> , 2010 , 105, 74-83	2.6	34
116	Interactions between imidacloprid and <i>Metarhizium brunneum</i> on adult Asian longhorned beetles (<i>Anoplophora glabripennis</i> (Motschulsky)) (Coleoptera: Cerambycidae). <i>Journal of Invertebrate Pathology</i> , 2010 , 105, 305-11	2.6	24
115	Micro-managing arthropod invasions: eradication and control of invasive arthropods with microbes. <i>Biological Invasions</i> , 2010 , 12, 2895-2912	2.7	26

114	Fungal pathogens as classical biological control agents against arthropods. <i>BioControl</i> , 2010 , 55, 147-158.	3	106
113	Putative source of the invasive <i>Sirex noctilio</i> fungal symbiont, <i>Amylostereum areolatum</i> , in the eastern United States and its association with native siricid woodwasps. <i>Mycological Research</i> , 2009 , 113, 1242-53		44
112	Evaluating the virulence and longevity of non-woven fiber bands impregnated with <i>Metarhizium anisopliae</i> against the Asian longhorned beetle, <i>Anoplophora glabripennis</i> (Coleoptera: Cerambycidae). <i>Biological Control</i> , 2009 , 50, 94-102	3.8	28
111	Imbibitional damage in conidia of the entomopathogenic fungi <i>Beauveria bassiana</i> , <i>Metarhizium acridum</i> , and <i>Metarhizium anisopliae</i> . <i>Biological Control</i> , 2009 , 51, 346-354	3.8	46
110	Ecology and management of exotic and endemic Asian longhorned beetle <i>Anoplophora glabripennis</i> . <i>Agricultural and Forest Entomology</i> , 2009 , 11, 359-375	1.9	175
109	Fungal pathogens as classical biological control agents against arthropods 2009 , 147-158		1
108	Assessing the climatic potential for epizootics of the gypsy moth fungal pathogen <i>Entomophaga maimaiga</i> in the North Central United States. <i>Canadian Journal of Forest Research</i> , 2009 , 39, 1958-1970	1.9	13
107	Invasive Arthropods and Approaches for Their Microbial Control 2009 , 3-15		3
106	Control of Gypsy Moth, <i>Lymantria dispar</i> , in North America since 1878 2009 , 181-212		12
105	Considerations for the Practical Use of Pathogens for Control and Eradication of Arthropod Invasive Pests 2009 , 331-349		1
104	North American Eradications of Asian and European Gypsy Moth 2009 , 71-89		26
103	Reduction in fitness of female Asian longhorned beetle (<i>Anoplophora glabripennis</i>) infected with <i>Metarhizium anisopliae</i> . <i>Journal of Invertebrate Pathology</i> , 2008 , 98, 198-205	2.6	32
102	Climbing behaviour and aphid predation by <i>Agonum muelleri</i> (Coleoptera: Carabidae). <i>Canadian Entomologist</i> , 2008 , 140, 203-207	0.7	9
101	Nondormancy in <i>Entomophaga maimaiga</i> azygospores: effects of isolate and cold exposure. <i>Mycologia</i> , 2008 , 100, 833-42	2.4	9
100	Environmental contamination with <i>Metarhizium anisopliae</i> from fungal bands for control of the Asian longhorned beetle, <i>Anoplophora glabripennis</i> (Coleoptera: Cerambycidae). <i>Biocontrol Science and Technology</i> , 2008 , 18, 109-120	1.7	9
99	Virulence of entomopathogenic hypocrealean fungi infecting <i>Anoplophora glabripennis</i> . <i>BioControl</i> , 2008 , 53, 517-528	2.3	20
98	Density-dependent resistance of the gypsy moth <i>Lymantria dispar</i> to its nucleopolyhedrovirus, and the consequences for population dynamics. <i>Oecologia</i> , 2008 , 154, 691-701	2.9	40
97	Detection and quantification of <i>Entomophaga maimaiga</i> resting spores in forest soil using real-time PCR. <i>Mycological Research</i> , 2007 , 111, 324-31		32

96	Distribution and Abundance of Carabidae (Coleoptera) Associated with Soybean Aphid (Hemiptera: Aphididae) Populations in Central New York. <i>Annals of the Entomological Society of America</i> , 2007 , 100, 876-886	2	25
95	Microbial control of wood-boring insects attacking forest and shade trees 2007 , 505-525		5
94	Suitability of <i>Acer saccharum</i> and <i>Acer pensylvanicum</i> (Aceraceae) for rearing <i>Anoplophora glabripennis</i> (Coleoptera: Cerambycidae). <i>Canadian Entomologist</i> , 2007 , 139, 751-755	0.7	8
93	A review of introductions of pathogens and nematodes for classical biological control of insects and mites. <i>Biological Control</i> , 2007 , 41, 1-13	3.8	108
92	Variability in thermal responses among <i>Furia gastropachae</i> isolates from different geographic origins. <i>Journal of Invertebrate Pathology</i> , 2007 , 96, 109-117	2.6	3
91	Asian Longhorned Beetle 2007 , 21-24		3
90	Introduction of exotic pathogens and documentation of their establishment and impact 2007 , 299-325		4
89	Field studies of control of <i>Anoplophora glabripennis</i> (Coleoptera: Cerambycidae) using fiber bands containing the entomopathogenic fungi <i>Metarhizium anisopliae</i> and <i>Beauveria brongniartii</i> . <i>Biocontrol Science and Technology</i> , 2006 , 16, 329-343	1.7	50
88	Effect of relative humidity and origin of isolates of <i>Neozygites tanajoae</i> (Zygomycetes: Entomophthorales) on production of conidia from cassava green mite, <i>Mononychellus tanajoa</i> (Acari: Tetranychidae), cadavers. <i>Biological Control</i> , 2006 , 39, 489-496	3.8	31
87	Virulence and fitness of the fungal pathogen <i>Entomophaga maimaiga</i> in its host <i>Lymantria dispar</i> , for pathogen and host strains originating from Asia, Europe, and North America. <i>Journal of Invertebrate Pathology</i> , 2005 , 89, 232-42	2.6	18
86	Genetic diversity in the gypsy moth fungal pathogen <i>Entomophaga maimaiga</i> from founder populations in North America and source populations in Asia. <i>Mycological Research</i> , 2005 , 109, 941-50		52
85	Influence of Temperature and Moisture on Infection of Forest Tent Caterpillars (Lepidoptera: Lasiocampidae) Exposed to Resting Spores of the Entomopathogenic Fungus <i>Furia gastropachae</i> (Zygomycetes: Entomophthorales). <i>Environmental Entomology</i> , 2004 , 33, 1127-1136	2.1	8
84	Evaluating the Efficiency of Entomopathogenic Fungi Against the Asian Longhorned Beetle, <i>Anoplophora glabripennis</i> (Coleoptera: Cerambycidae), by Using Cages in the Field. <i>Environmental Entomology</i> , 2004 , 33, 62-74	2.1	29
83	Preservation of in vitro cultures of the mite pathogenic fungus <i>Neozygites tanajoae</i> . <i>Canadian Journal of Microbiology</i> , 2004 , 50, 579-86	3.2	9
82	Persistence of the fungal pathogen <i>Entomophaga maimaiga</i> and its impact on native Lymantriidae. <i>Biological Control</i> , 2004 , 30, 466-473	3.8	20
81	Pathogenicity and specificity of <i>Neozygites tanajoae</i> and <i>Neozygites floridana</i> (Zygomycetes: Entomophthorales) isolates pathogenic to the cassava green mite. <i>Biological Control</i> , 2004 , 30, 608-616	3.8	25
80	Efficacy of fiber bands impregnated with <i>Beauveria brongniartii</i> cultures against the Asian longhorned beetle, <i>Anoplophora glabripennis</i> (Coleoptera: Cerambycidae). <i>Biological Control</i> , 2004 , 31, 320-328	3.8	41
79	Using bioassays to estimate abundance of <i>Entomophaga maimaiga</i> resting spores in soil. <i>Journal of Invertebrate Pathology</i> , 2004 , 86, 61-4	2.6	8

78	Natural Enemies: An Introduction to Biological Control 2004 ,		159
77	Neozygites tanajoae sp. nov., a pathogen of the cassava green mite. <i>Mycologia</i> , 2004 , 96, 1002-9	2.4	9
76	PCR-RFLP is used to investigate relations among species in the entomopathogenic genera Eryniopsis and Entomophaga. <i>Mycologia</i> , 2003 , 95, 262-268	2.4	15
75	Use of cell culture media for cultivation of the mite pathogenic fungi <i>Neozygites tanajoae</i> and <i>Neozygites floridana</i> . <i>Journal of Invertebrate Pathology</i> , 2003 , 84, 119-27	2.6	30
74	Attachment and germination of <i>Entomophaga maimaiga</i> conidia on host and non-host larval cuticle. <i>Journal of Invertebrate Pathology</i> , 2003 , 82, 12-22	2.6	22
73	Soil as an environment for winter survival of aphid-pathogenic Entomophthorales. <i>Biological Control</i> , 2003 , 28, 92-100	3.8	39
72	Entomopathogenic Fungi as Classical Biological Control Agents 2003 , 15-34		27
71	Prevalence and biology of <i>Furia gastropachae</i> (Zygomycetes: Entomophthorales) in populations of forest tent caterpillar (Lepidoptera: Lasiocampidae). <i>Canadian Entomologist</i> , 2003 , 135, 359-378	0.7	11
70	PCR-RFLP is used to investigate relations among species in the entomopathogenic genera Eryniopsis and Entomophaga. <i>Mycologia</i> , 2003 , 95, 262-8	2.4	2
69	Methods for Rearing the Asian Longhorned Beetle (Coleoptera: Cerambycidae) on Artificial Diet. <i>Annals of the Entomological Society of America</i> , 2002 , 95, 223-230	2	56
68	Comparing methods of preservation for cultures of entomopathogenic fungi. <i>Canadian Journal of Botany</i> , 2002 , 80, 1126-1130		12
67	Formation of appressoria by two species of lepidopteran-pathogenic Entomophthorales. <i>Canadian Journal of Botany</i> , 2002 , 80, 220-225		4
66	Deposition and germination of conidia of the entomopathogen <i>Entomophaga maimaiga</i> infecting larvae of gypsy moth, <i>Lymantria dispar</i> . <i>Journal of Invertebrate Pathology</i> , 2002 , 79, 37-43	2.6	6
65	Larval behavior in <i>Lymantria dispar</i> increases risk of fungal infection. <i>Oecologia</i> , 2001 , 126, 285-291	2.9	25
64	Suggestions for unifying the terminology in biological control. <i>BioControl</i> , 2001 , 46, 387-400	2.3	370
63	Effect of host insects on activation of <i>Entomophaga maimaiga</i> resting spores. <i>Journal of Invertebrate Pathology</i> , 2001 , 77, 290-1	2.6	7
62	Survival and differential development of <i>Entomophaga maimaiga</i> and <i>Entomophaga aulicae</i> (Zygomycetes: Entomophthorales) in <i>Lymantria dispar</i> hemolymph. <i>Journal of Invertebrate Pathology</i> , 2001 , 78, 201-9	2.6	5
61	Storage of Resting Spores of the Gypsy Moth Fungal Pathogen, <i>Entomophaga maimaiga</i> . <i>Biocontrol Science and Technology</i> , 2001 , 11, 637-647	1.7	7

60	Effects of two cryopreservation techniques on viability and pathogenicity of entomophthoralean fungi. <i>Canadian Journal of Botany</i> , 2001 , 79, 861-864		9
59	Risk of Infection by the Fungal Pathogen <i>Entomophaga maimaiga</i> Among Lepidoptera on the Forest Floor. <i>Environmental Entomology</i> , 2000 , 29, 645-650	2.1	22
58	In vitro formation of resting spores by the insect pathogenic fungus <i>Entomophaga maimaiga</i> . <i>Journal of Invertebrate Pathology</i> , 2000 , 75, 193-201	2.6	19
57	Isolating a species of entomophthorales using resting spore-bearing soil. <i>Journal of Invertebrate Pathology</i> , 2000 , 75, 298-300	2.6	21
56	Predicting the Host Range of Entomopathogenic Fungi 2000 , 263-276		15
55	Pathology and epizootiology of <i>Entomophaga maimaiga</i> infections in forest Lepidoptera. <i>Microbiology and Molecular Biology Reviews</i> , 1999 , 63, 814-35, table of contents	13.2	131
54	Within-host interactions of <i>lymantria dispar</i> (Lepidoptera: <i>lymantriidae</i>) nucleopolyhedrosis virus and <i>entomophaga maimaiga</i> (Zygomycetes: entomophthorales). <i>Journal of Invertebrate Pathology</i> , 1999 , 73, 91-100	2.6	42
53	Inoculative Augmentation of the Fungal Entomopathogen <i>Entomophaga maimaiga</i> as a Homeowner Tactic to Control Gypsy Moth (Lepidoptera: <i>Lymantriidae</i>). <i>Biological Control</i> , 1999 , 14, 11-18	3.8	14
52	Dynamics of Airborne Conidia of the Gypsy Moth (Lepidoptera: <i>Lymantriidae</i>) Fungal Pathogen <i>Entomophaga maimaiga</i> (Zygomycetes: Entomophthorales). <i>Biological Control</i> , 1999 , 16, 111-117	3.8	24
51	A nonpermissive entomophthoralean fungal infection increases activation of insect prophenoloxidase. <i>Journal of Invertebrate Pathology</i> , 1998 , 72, 231-8	2.6	26
50	Location and Persistence of Cadavers of Gypsy Moth, <i>Lymantria dispar</i> , Containing <i>Entomophaga maimaiga</i> Azygospores. <i>Mycologia</i> , 1998 , 90, 754	2.4	12
49	Location and persistence of cadavers of gypsy moth, <i>Lymantria dispar</i> , containing <i>Entomophaga maimaiga</i> azygospores. <i>Mycologia</i> , 1998 , 90, 754-760	2.4	14
48	Entomopathogenic Hyphomycetes Associated with Gypsy Moth Larvae. <i>Mycologia</i> , 1997 , 89, 825	2.4	7
47	Formation and germination of <i>Entomophaga maimaiga</i> azygospores. <i>Canadian Journal of Botany</i> , 1997 , 75, 1739-1747		35
46	Fungal and Viral Epizootics in Gypsy Moth (Lepidoptera: <i>Lymantriidae</i>) Populations in Central New York. <i>Biological Control</i> , 1997 , 10, 58-68	3.8	55
45	Entomopathogenic hyphomycetes associated with gypsy moth larvae. <i>Mycologia</i> , 1997 , 89, 825-829	2.4	11
44	<i>Entomophaga maimaiga</i> reproductive output is determined by the spore type initiating an infection. <i>Mycological Research</i> , 1997 , 101, 971-974		25
43	Ecology of Terrestrial Fungal Entomopathogens. <i>Advances in Microbial Ecology</i> , 1997 , 193-249		107

42	Host Range of the Gypsy Moth (Lepidoptera: Lymantriidae) Pathogen <i>Entomophaga maimaiga</i> (Zygomycetes: Entomophthorales) in the Field Versus Laboratory. <i>Environmental Entomology</i> , 1996 , 25, 709-721	2.1	60
41	A disjunct Californian strain of <i>Entomophaga aulicae</i> infecting <i>Orgyia vetusta</i> . <i>Journal of Invertebrate Pathology</i> , 1996 , 68, 260-8	2.6	7
40	Gypsy Moth Immune Defenses in Response to Hyphal Bodies and Natural Protoplasts of Entomophthoralean Fungi. <i>Journal of Invertebrate Pathology</i> , 1996 , 68, 278-85	2.6	26
39	Types of spores produced by <i>Entomophaga maimaiga</i> infecting the gypsy moth <i>Lymantria dispar</i> . <i>Canadian Journal of Botany</i> , 1996 , 74, 708-715		37
38	Introduction and Spread of the Fungal Pathogen <i>Entomophaga maimaiga</i> (Zygomycetes: Entomophthorales) Along the Leading Edge of Gypsy Moth (Lepidoptera: Lymantriidae) Spread. <i>Environmental Entomology</i> , 1996 , 25, 1235-1247	2.1	75
37	Use of RAPD analysis to trace the origin of the weevil pathogen <i>Zoophthora phytonomi</i> in North America. <i>Mycological Research</i> , 1996 , 100, 349-355		22
36	Protoplast plasma membrane glycoproteins in two species of entomophthoralean fungi. <i>Mycological Research</i> , 1996 , 100, 1094-1098		10
35	Instability in pathogenicity of <i>Entomophaga maimaiga</i> after long-term cryopreservation. <i>Mycologia</i> , 1995 , 87, 483-489	2.4	13
34	Instability in Pathogenicity of <i>Entomophaga maimaiga</i> after Long-Term Cryopreservation. <i>Mycologia</i> , 1995 , 87, 483	2.4	10
33	Mysterious Origin of <i>Entomophaga maimaiga</i> in North America. <i>American Entomologist</i> , 1995 , 41, 31-43	0.6	76
32	Effects of Larval Host Plant on the Gypsy Moth (Lepidoptera: Lymantriidae) Fungal Pathogen, <i>Entomophaga maimaiga</i> (Zygomycetes: Entomophthorales). <i>Environmental Entomology</i> , 1995 , 24, 1307-1314	2.1	14
31	Application of Techniques for Quantification of Soil-Borne Entomophthoralean Resting Spores. <i>Journal of Invertebrate Pathology</i> , 1994 , 64, 71-73	2.6	24
30	Two <i>Fusarium</i> Species Pathogenic to Gypsy Moth, <i>Lymantria dispar</i> . <i>Mycologia</i> , 1993 , 85, 937	2.4	11
29	Modeling the Dynamics of <i>Entomophaga maimaiga</i> (Zygomycetes: Entomophthorales) Epizootics in Gypsy Moth (Lepidoptera: Lymantriidae) Populations. <i>Environmental Entomology</i> , 1993 , 22, 1172-1187	2.1	45
28	Two <i>Fusarium</i> Species Pathogenic to Gypsy Moth, <i>Lymantria Dispar</i> . <i>Mycologia</i> , 1993 , 85, 937-940	2.4	13
27	Incorporation of <i>Quercus rubra</i> foliage into artificial diet alters development of a fungal pathogen of <i>Lymantria dispar</i> . <i>Entomologia Experimentalis Et Applicata</i> , 1993 , 68, 265-267	2.1	2
26	Field Diagnosis of Gypsy Moth (Lepidoptera: Lymantriidae) Larval Mortality Caused by <i>Entomophaga maimaiga</i> and the Gypsy Moth Nuclear Polyhedrosis Virus. <i>Environmental Entomology</i> , 1992 , 21, 706-713	2.1	17
25	Temporal Dynamics of <i>Entomophaga maimaiga</i> After Death of Gypsy Moth (Lepidoptera: Lymantriidae) Larval Hosts. <i>Environmental Entomology</i> , 1992 , 21, 129-135	2.1	32

24	Pathogen reservoirs as a biological control resource: Introduction of <i>Entomophaga maimaiga</i> to North American Gypsy Moth, <i>Lymantria dispar</i> , populations. <i>Biological Control</i> , 1991 , 1, 29-34	3.8	31
23	Detection of <i>Entomophaga maimaiga</i> (Zygomycetes: Entomophthorales) using enzyme-linked immunosorbent assay. <i>Journal of Invertebrate Pathology</i> , 1991 , 58, 1-9	2.6	15
22	Sympatric occurrence of two <i>Entomophaga aulicae</i> (Zygomycetes: Entomophthorales) complex species attacking forest lepidoptera. <i>Journal of Invertebrate Pathology</i> , 1991 , 58, 373-380	2.6	20
21	Within-tree location of gypsy moth, <i>Lymantria dispar</i> , larvae killed by <i>Entomophaga maimaiga</i> (Zygomycetes: Entomophthorales). <i>Journal of Invertebrate Pathology</i> , 1991 , 58, 468-469	2.6	8
20	A CLADISTIC TEST OF THE TAXON CYCLE AND TAXON PULSE HYPOTHESES.. <i>Cladistics</i> , 1990 , 6, 39-59	3.5	43
19	Temperature and Moisture Relations of Sporulation and Germination by <i>Entomophaga maimaiga</i> (Zygomycetes: Entomophthoraceae), a Fungal Pathogen of <i>Lymantria dispar</i> (Lepidoptera: Lymantriidae). <i>Environmental Entomology</i> , 1990 , 19, 85-90	2.1	56
18	Decline in virulence of <i>Entomophaga maimaiga</i> (Zygomycetes: Entomophthorales) with repeated in vitro subculture. <i>Journal of Invertebrate Pathology</i> , 1990 , 56, 91-97	2.6	44
17	Food Consumption by <i>Lymantria dispar</i> (Lepidoptera: Lymantriidae) Larvae Infected with <i>Entomophaga maimaiga</i> (Zygomycetes: Entomophthorales). <i>Environmental Entomology</i> , 1989 , 18, 723-727 ¹		25
16	Effects of transferring gypsy moth, <i>Lymantria dispar</i> , larvae between artificial diet and <i>Quercus rubra</i> foliage. <i>Entomologia Experimentalis Et Applicata</i> , 1989 , 51, 141-148	2.1	9
15	Isolation and characterization of <i>Entomophaga maimaiga</i> sp. nov., a fungal pathogen of gypsy moth, <i>Lymantria dispar</i> , from Japan. <i>Journal of Invertebrate Pathology</i> , 1988 , 51, 229-241	2.6	62
14	A method for recovering resting spores of Entomophthorales (Zygomycetes) from soil. <i>Journal of Invertebrate Pathology</i> , 1988 , 52, 18-26	2.6	8
13	Infection of grasshoppers (Orthoptera: Acrididae) by members of the <i>Entomophaga grylli</i> species complex (Zygomycetes: Entomophthorales). <i>Journal of Invertebrate Pathology</i> , 1988 , 52, 309-313	2.6	29
12	FOLIAR APPLICATIONS OF <i>BEAUVERIA BASSIANA</i> (BALSAMO) VUILLEMIN FOR CONTROL OF THE COLORADO POTATO BEETLE, <i>LEPTINOTARSA DECEMLINEATA</i> (SAY) (COLEOPTERA: CHRYSOMELIDAE): AN OVERVIEW OF PILOT TEST RESULTS FROM THE NORTHERN UNITED STATES. <i>Canadian Entomologist</i> , 1987 , 119, 959-974	0.7	53
11	Behavioral interactions between three birch aphid species and <i>Adalia bipunctata</i> larvae. <i>Entomologia Experimentalis Et Applicata</i> , 1987 , 45, 81-87	2.1	16
10	Aphid Host Preference Used to Detect a Previously Unrecognized Birch in California. <i>Environmental Entomology</i> , 1986 , 15, 771-774	2.1	
9	Discriminating Patterns of Variation in Aphid (Homoptera: Drepanosiphidae) Distribution on <i>Betula pendula</i> . <i>Environmental Entomology</i> , 1986 , 15, 1145-1148	2.1	2
8	Coexistence of three species of leaf-feeding aphids (Homoptera) on <i>Betula pendula</i> . <i>Oecologia</i> , 1986 , 68, 380-386	2.9	23
7	INSECT AND MITE ASSOCIATES OF <i>SCOLYTUS MULTISTRIATUS</i> (COLEOPTERA: SCOLYTIDAE) IN CALIFORNIA ¹ . <i>Canadian Entomologist</i> , 1985 , 117, 409-421	0.7	8

6	FACTORS INFLUENCING THE MORTALITY OF SCOLYTUS MULTISTRIATUS (COLEOPTERA: SCOLYTIDAE) IN ELM BRANCHES IN CALIFORNIA1. <i>Canadian Entomologist</i> , 1985, 117, 819-828	0.7	4
5	Historical change in the outbreak dynamics of an invading forest insect. <i>Biological Invasions</i> ,1	2.7	1
4	Gypsy moth larval necropsy guide		3
3	Comparing functional traits and abundance of invasive versus native woodwasps. <i>NeoBiota</i> ,36, 39-55	4.2	4
2	Efficacy of Kamona strain <i>Deladenus siricidicola</i> nematodes for biological control of <i>Sirex noctilio</i> in North America and hybridisation with invasive conspecifics. <i>NeoBiota</i> ,44, 39-55	4.2	2
1	Modeling Insect Epizootics and their Population-Level Consequences441-467		1