Christine T Griffin

List of Publications by Year
in descending order

65 papers	1,603 citations	257450 24 h-index	330143 37 g-index
65 all docs	65 docs citations	65 times ranked	1152 citing authors

#	Article	IF	Citations
1	The effect of temperature conditioning (9Â°C and 20Â°C) on the proteome of entomopathogenic nematode infective juveniles. PLoS ONE, 2022, 17, e0266164.	2.5	4
2	Application of hierarchical clustering to identify high risk pests to Sitka spruce: Ireland as a case study. Forestry, 2021, 94, 86-101.	2.3	1
3	Competition and Co-existence of Two Photorhabdus Symbionts with a Nematode Host. Microbial Ecology, 2021, 81, 223-239.	2.8	6
4	phenModel: A temperature-dependent phenology/voltinism model for a herbivorous insect incorporating facultative diapause and budburst. Ecological Modelling, 2020, 416, 108910.	2.5	13
5	Objective and subjective components of resource value in lethal fights between male entomopathogenic nematodes. Animal Behaviour, 2020, 164, 149-154.	1.9	8
6	Infective juveniles of entomopathogenic nematodes (Steinernema and Heterorhabditis) secrete ascarosides and respond to interspecific dispersal signals. Journal of Invertebrate Pathology, 2019, 168, 107257.	3.2	16
7	Oosporein, an abundant metabolite in Beauveria caledonica, with a feedback induction mechanism and a role in insect virulence. Fungal Biology, 2019, 123, 601-610.	2.5	31
8	Description of a personality syndrome in a common and invasive ground beetle (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	3.3	28
9	Efficacy of entomopathogenic fungi against large pine weevil, Hylobius abietis, and their additive effects when combined with entomopathogenic nematodes. Journal of Pest Science, 2018, 91, 1407-1419.	3.7	12
10	Transmission Success of Entomopathogenic Nematodes Used in Pest Control. Insects, 2018, 9, 72.	2.2	75
11	The effect of entomopathogenic fungal culture filtrate on the immune response and haemolymph proteome of the large pine weevil, Hylobius abietis. Insect Biochemistry and Molecular Biology, 2018, 101, 1-13.	2.7	10
12	Conditioning the entomopathogenic nematodes Steinernema carpocapsae and Heterorhabditis megidis by pre-application storage improves efficacy against black vine weevil, Otiorhynchus sulcatus (Coleoptera: Curculionidae) at low and moderate temperatures. Biological Control, 2017, 108, 40-46.	3.0	6
13	Stumpâ€harvesting for bioenergy probably has transient impacts on abundance, richness and community structure of beetle assemblages. Agricultural and Forest Entomology, 2017, 19, 388-399.	1.3	5
14	The effect of entomopathogenic fungal culture filtrate on the immune response of the greater wax moth, Galleria mellonella. Journal of Insect Physiology, 2017, 100, 82-92.	2.0	26
15	Efficacy of entomopathogenic nematodes for control of large pine weevil, Hylobius abietis: effects of soil type, pest density and spatial distribution. Journal of Pest Science, 2017, 90, 495-505.	3.7	18
16	Optimizing the application method of entomopathogenic nematode suspension for biological control of large pine weevil Hylobius abietis. BioControl, 2017, 62, 659-667.	2.0	7
17	The influence of organic matter content and media compaction on the dispersal of entomopathogenic nematodes with different foraging strategies. Parasitology, 2017, 144, 1956-1963.	1.5	11
18	An Entomopathogenic Nematode Extends Its Niche by Associating with Different Symbionts. Microbial Ecology, 2017, 73, 211-223.	2.8	27

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19	The diversity and composition of moth assemblages of protected and degraded raised bogs in Ireland. Insect Conservation and Diversity, 2016, 9, 302-319.	3.0	2
20	Inundative pest control: How risky is it? A case study using entomopathogenic nematodes in a forest ecosystem. Forest Ecology and Management, 2016, 380, 242-251.	3.2	12
21	Local host-dependent persistence of the entomopathogenic nematode Steinernema carpocapsae used to control the large pine weevil Hylobius abietis. BioControl, 2016, 61, 185-193.	2.0	9
22	Behaviour and Population Dynamics of Entomopathogenic Nematodes Following Application. , 2015, , 57-95.		22
23	Differential susceptibility of pine weevil, Hylobius abietis (Coleoptera: Curculionidae), larvae and pupae to entomopathogenic nematodes and death of adults infected as pupae. BioControl, 2015, 60, 537-546.	2.0	14
24	Lethal Fighting in Nematodes Is Dependent on Developmental Pathway: Male-Male Fighting in the Entomopathogenic Nematode Steinernema longicaudum. PLoS ONE, 2014, 9, e89385.	2.5	31
25	Interference competition in entomopathogenic nematodes: male Steinernema kill members of their own and other species. International Journal for Parasitology, 2014, 44, 1009-1017.	3.1	27
26	Control of a major pest of forestry, Hylobius abietis, with entomopathogenic nematodes and fungi using eradicant and prophylactic strategies. Forest Ecology and Management, 2013, 305, 212-222.	3.2	41
27	Organic soils promote the efficacy of entomopathogenic nematodes, with different foraging strategies, in the control of a major forest pest: A meta-analysis of field trial data. Biological Control, 2013, 65, 357-364.	3.0	16
28	Environmental safety of entomopathogenic nematodes â€“ Effects on abundance, diversity and community structure of non-target beetles in a forest ecosystem. Biological Control, 2012, 63, 107-114.	3.0	12
29	Cross-taxa congruence, indicators and environmental gradients in soils under agricultural and extensive land management. European Journal of Soil Biology, 2012, 49, 55-62.	3.2	32
30	The impact of entomopathogenic nematodes on a non-target, service-providing longhorn beetle is limited by targeted application when controlling forestry pest Hylobius abietis. Biological Control, 2012, 62, 173-182.	3.0	11
31	Host activity and wasp experience affect parasitoid wasp foraging behaviour and oviposition on nematodeâ€infected larvae of the forestry pest Hylobius abietis. Ecological Entomology, 2012, 37, 269-282.	2.2	5
32	Perspectives on the behavior of entomopathogenic nematodes from dispersal to reproduction: traits contributing to nematode fitness and biocontrol efficacy. Journal of Nematology, 2012, 44, 177-84.	0.9	40
33	The effect of temperature on hatch and activity of second-stage juveniles of the root-knot nematode, Meloidogyne minor, an emerging pest in north-west Europe. Nematology, 2011, 13, 985-993.	0.6	6
34	Pine weevils modulate defensive behaviour in response to parasites ofÂdiffering virulence. Animal Behaviour, 2010, 80, 283-288.	1.9	11
35	A Genetic Survey of Fluoxetine Action on Synaptic Transmission in Caenorhabditis elegans. Genetics, 2010, 186, 929-941.	2.9	41
36	Diversity of entomopathogenic nematodes (Nematoda: Steinernematidae, Heterorhabditidae) from Arasbaran forests and rangelands in north-west Iran. Nematology, 2010, 12, 767-773.	0.6	17

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37	A survey of entomopathogenic nematodes of the families Steinernematidae and Heterorhabditidae (Nematoda: Rhabditida) in the north-west of Iran. Nematology, 2009, 11, 107-116.	0.6	36
38	Sex ratios and sex-biased infection behaviour in the entomopathogenic nematode genus Steinernema. International Journal for Parasitology, 2009, 39, 725-734.	3.1	29
39	Predatory soil nematodes (Nematoda: Mononchida) in major land-use types across Ireland. Journal of Natural History, 2009, 43, 2571-2577.	0.5	2
40	Female presence is required for male sexual maturity in the nematode Steinernema longicaudum. Current Biology, 2008, 18, R997-R998.	3.9	8
41	Evict or infect? Managing populations of the large pine weevil, Hylobius abietis, using a bottomâ€“up and topâ€“down approach. Forest Ecology and Management, 2008, 255, 2634-2642.	3.2	25
42	Optimizing application of entomopathogenic nematodes to manage large pine weevil, Hylobius abietis L. (Coleoptera:Curculionidae) populations developing in pine stumps, Pinus sylvestris. Biological Control, 2007, 40, 253-263.	3.0	34
43	Survival, starvation, and activity in Heterorhabditis megidis (Nematoda: Heterorhabditidae). Biological Control, 2006, 37, 82-88.	3.0	10
44	Behavioral ecology of entomopathogenic nematodes. Biological Control, 2006, 38, 66-79.	3.0	264
45	Suppression of the large pine weevil Hylobius abietis (L.) (Coleoptera: Curculionidae) in pine stumps by entomopathogenic nematodes with different foraging strategies. Biological Control, 2006, 38, 217-226.	3.0	56
46	Distribution of entomopathogenic nematodes in an Irish sand dune system. Nematology, 2005, 7, 259-266.	0.6	8
47	Effects of Paenibacillus nematophilus on the entomopathogenic nematode Heterorhabditis megidis. Journal of Invertebrate Pathology, 2005, 88, 40-48.	3.2	36
48	Morphological and molecular characterisation of Steinernema hermaphroditum n. sp. (Nematoda:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 with other members of the genus. Nematology, 2004, 6, 401-412.	0.6	51
49	Spontaneous and induced activity of Heterorhabditis megidis infective juveniles during storage. Nematology, 2004, 6, 911-917.	0.6	19
50	Characterization of endospore-forming bacteria associated with entomopathogenic nematodes, Heterorhabditis spp., and description of Paenibacillus nematophilus sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2003, 53, 435-441.	1.7	44
51	The infectivity and behaviour of exsheathed and ensheathed Heterorhabditis megidis infective juveniles. Nematology, 2003, 5, 49-53.	0.6	6
52	Effect of Timber Condition on Parasitization of Pine Weevil (Hylobius abietis L.) Larvae by Entomopathogenic Nematodes under Laboratory Conditions. Biocontrol Science and Technology, 2002, 12, 225-233.	1.3	7
53	Morphological characterisation of three isolates of Heterorhabditis Poinar, 1976 from the `Irish group' (Nematoda: Rhabditida: Heterorhabditidae) and additional evidence supporting their recognition as a distinct species, H. downesi n. sp.. Systematic Parasitology, 2002, 51, 95-106.	1.1	36
54	Improved Control of Otiorhynchus sulcatus at 9Â°C by Cold-stored Heterorhabditis megidis UK211. Biocontrol Science and Technology, 2001, 11, 483-492.	1.3	17

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55	Correlation between survival in water and persistence of infectivity in soil of Heterorhabditis spp. isolates. Nematology, 2001, 3, 573-579.	0.6	5
56	Molecular characterisation of Heterorhabditis indica isolates from India, Kenya, Indonesia and Cuba. Nematology, 2000, 2, 477-487.	0.6	19
57	Effect of salt and temperature stresses on survival and infectivity of Heterorhabditis spp. IJs. Nematology, 1999, 1, 69-78.	0.6	28
58	Isolation and characterisation of Heterorhabditis spp. (Nematoda: Heterorhabditidae) from Hungary, Estonia and Denmark. Nematology, 1999, 1, 321-332.	0.6	17
59	Novel application of PhastSystem polyacrylamide gel electrophoresis using restriction fragment length polymorphism â€" internal transcribed spacer patterns of individuals for molecular identification of entomopathogenic nematodes. Electrophoresis, 1999, 20, 1266-1273.	2.4	9
60	Fatty acid composition of Heterorhabditis sp. during storage. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 1999, 124, 81-88.	1.6	20
61	Dispersal Behaviour and Transmission Strategies of the Entomopathogenic Nematodes Heterorhabditis and Steinernema. Biocontrol Science and Technology, 1996, 6, 347-356.	1.3	35
62	Isolation of insect pathogenic bacteria, Providencia rettgeri, from Heterorhabditis spp.. Journal of Applied Bacteriology, 1995, 78, 237-244.	1.1	49
63	The Use of Isoelectric Focusing and Polyacrylamide Gel Electrophoresis of Soluble Proteins in the Taxonomy of the Genus Heterorhabditis (Nematoda: Heterorhabditidae). Nematologica, 1994, 40, 601-612.	0.2	15
64	Tests of Antarctic soils for insect parasitic nematodes. Antarctic Science, 1990, 2, 221-222.	0.9	40
65	Activity and infectivity of four isolates of Heterorhabditis spp. Journal of Invertebrate Pathology, 1989, 53, 107-112.	3.2	25