

# Michael J Wilson

## List of Publications by Year in descending order

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58  
papers

1,836  
citations

218677

26  
h-index

276875

41  
g-index

59  
all docs

59  
docs citations

59  
times ranked

1248  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phylogenetic evidence for the invasion of a commercialized European <i>Phasmarhabditis hermaphrodita</i> lineage into North America and New Zealand. <i>PLoS ONE</i> , 2020, 15, e0237249.	2.5	20
2	Potential for a biopesticide bait to control black beetle, <i>Heteronychus arator</i> (Coleoptera: Tj ETQq0 0 0 rgBTJ Overlock 10 Tf 50	3.4	5
3	Testing a new low-labour method for detecting the presence of <i>Phasmarhabditis</i> spp. in slugs in New Zealand. <i>Nematology</i> , 2016, 18, 925-931.	0.6	18
4	Developing a strategy for using entomopathogenic nematodes to control the African black beetle ( <i>Heteronychus arator</i> ) in New Zealand pastures and investigating temperature constraints. <i>Biological Control</i> , 2016, 93, 1-7.	3.0	11
5	Invasive slug pests and their parasites' temperature responses and potential implications of climate change. <i>Biology and Fertility of Soils</i> , 2015, 51, 739-748.	4.3	12
6	Born to be Wild – Don't Forget the Invertebrates. <i>Trends in Parasitology</i> , 2015, 31, 530-532.	3.3	10
7	<i>Phasmarhabditis hermaphrodita</i> as a Control Agent for Slugs. , 2015, , 509-521.		10
8	Progress in the commercialisation of bionematicides. <i>BioControl</i> , 2013, 58, 715-722.	2.0	71
9	Description and systematic affinity of <i>Alaninema ngata</i> n. sp. (Alaninematidae: Panagrolaimorpha) parasitising leaf-veined slugs (Athoracophoridae: Pulmonata) in New Zealand. <i>Nematology</i> , 2013, 15, 859-870.	0.6	5
10	Entomopathogenic nematode foraging strategies – is <i>Steinernema carpocapsae</i> really an ambush forager?. <i>Nematology</i> , 2012, 14, 389-394.	0.6	64
11	An improved bioassay for screening bacteria for biocontrol activity against slugs that avoids volatile-induced slug mortality. <i>Biocontrol Science and Technology</i> , 2012, 22, 1235-1237.	1.3	1
12	Pathogens and parasites of terrestrial molluscs. , 2012, , 427-439.		14
13	Temporal Variation and Host Association in the <i>Campylobacter</i> Population in a Longitudinal Ruminant Farm Study. <i>Applied and Environmental Microbiology</i> , 2011, 77, 6579-6586.	3.1	37
14	The role of parasite release in invasion of the USA by European slugs. <i>Biological Invasions</i> , 2010, 12, 603-610.	2.4	61
15	Molecular phylogeny of slug-parasitic nematodes inferred from 18S rRNA gene sequences. <i>Molecular Phylogenetics and Evolution</i> , 2010, 55, 738-743.	2.7	61
16	Is it time to 'wave' goodbye to 'nictating' nematodes?. <i>Nematology</i> , 2010, 12, 309-310.	0.6	8
17	The slug parasitic nematode <i>Phasmarhabditis hermaphrodita</i> associates with complex and variable bacterial assemblages that do not affect its virulence. <i>Journal of Invertebrate Pathology</i> , 2010, 104, 222-226.	3.2	44
18	Influence of substrate on the body-waving behaviour of nematodes. <i>Nematology</i> , 2009, 11, 917-925.	0.6	12

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19	Phoretic dispersal of entomopathogenic nematodes by <i>Hylobius abietis</i> . <i>Nematology</i> , 2009, 11, 419-427.	0.6	19
20	Dispersal patterns and behaviour of the nematode <i>Phasmarhadditis hermaphrodita</i> in mineral soils and organic media. <i>Soil Biology and Biochemistry</i> , 2009, 41, 1483-1490.	8.8	56
21	Optimization of biological ( <i>Phasmarhadditis hermaphrodita</i> ) and chemical (iron phosphate and) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.1	33
22	Two new species of <i>Angiostoma</i> Dujardin, 1845 (Nematoda: Angiostomatidae) from British terrestrial molluscs. <i>Systematic Parasitology</i> , 2009, 74, 113-124.	1.1	13
23	The potential for use of gastropod molluscs as bioindicators of endocrine disrupting compounds in the terrestrial environment. <i>Journal of Environmental Monitoring</i> , 2009, 11, 491-497.	2.1	15
24	Chemoattraction and Host Preference of the Gastropod Parasitic Nematode <i>Phasmarhadditis hermaphrodita</i> . <i>Journal of Parasitology</i> , 2009, 95, 517-526.	0.7	44
25	Susceptibility and immune response of <i>Deroceras reticulatum</i> , <i>Milax gagates</i> and <i>Limax pseudoflavus</i> exposed to the slug parasitic nematode <i>Phasmarhadditis hermaphrodita</i> . <i>Journal of Invertebrate Pathology</i> , 2008, 97, 61-69.	3.2	25
26	Laboratory and field investigations using indigenous entomopathogenic nematodes for biological control of <i>Plutella xylostella</i> in Kenya. <i>International Journal of Pest Management</i> , 2008, 54, 355-361.	1.8	11
27	Fine scale spatial distributions of two entomopathogenic nematodes in a grassland soil. <i>Applied Soil Ecology</i> , 2007, 37, 192-201.	4.3	39
28	Movement of the parasitic nematode <i>Phasmarhadditis hermaphrodita</i> in the presence of mucus from the host slug <i>Deroceras reticulatum</i> . <i>Biological Control</i> , 2007, 41, 223-229.	3.0	25
29	Terrestrial mollusc pests. , 2007, , 751-765.		3
30	Biological control of terrestrial molluscs using <i>Phasmarhadditis hermaphrodita</i> – progress and prospects. <i>Pest Management Science</i> , 2007, 63, 1153-1164.	3.4	114
31	<i>Steinernema kraussei</i> , an indigenous nematode found in coniferous forests: efficacy and field persistence against <i>Hylobius abietis</i> . <i>Agricultural and Forest Entomology</i> , 2007, 9, 181-188.	1.3	27
32	Habitat associations of two entomopathogenic nematodes: a quantitative study using real-time quantitative polymerase chain reactions. <i>Journal of Animal Ecology</i> , 2007, 76, 238-245.	2.8	49
33	Physiological and genetic mapping study of tolerance to root-knot nematode in rice. <i>New Phytologist</i> , 2007, 176, 665-672.	7.3	27
34	Identification of Environmental Factors Limiting Plant Uptake of Metaldehyde Seed Treatments under Field Conditions. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 3646-3650.	5.2	10
35	Status of entomopathogenic nematodes and their symbiotic bacteria from selected countries or regions of the world. <i>Biological Control</i> , 2006, 38, 134-155.	3.0	178
36	Quantification of the slug parasitic nematode <i>Phasmarhadditis hermaphrodita</i> from soil samples using real time qPCR. <i>International Journal for Parasitology</i> , 2006, 36, 1453-1461.	3.1	31

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37	Mini-plot field experiments using seed dressings to control slug damage to oilseed rape. <i>Crop Protection</i> , 2006, 25, 890-892.	2.1	2
38	An ecotoxicity assessment of contaminated forest soils from the Kola Peninsula. <i>Science of the Total Environment</i> , 2006, 355, 106-117.	8.0	52
39	Proteomic analysis of the entomopathogenic nematode <i>Steinernema feltiae</i> IS-6 IJs under evaporative and osmotic stresses. <i>Molecular and Biochemical Parasitology</i> , 2006, 145, 195-204.	1.1	30
40	The chemotactic response of <i>Phasmarhabditis hermaphrodita</i> (Nematoda: Rhabditida) to cues of <i>Deroceras reticulatum</i> (Mollusca: Gastropoda). <i>Nematology</i> , 2006, 8, 197-200.	0.6	47
41	Slugs: Potential Novel Vectors of <i>Escherichia coli</i> O157. <i>Applied and Environmental Microbiology</i> , 2006, 72, 144-149.	3.1	41
42	Role of monoterpenes in <i>Hylobius abietis</i> damage levels between cuttings and seedlings of <i>Picea sitchensis</i> . <i>Scandinavian Journal of Forest Research</i> , 2006, 21, 340-344.	1.4	3
43	<i>Aulacnema monodelphis</i> n. g., n. sp. and <i>Angiostoma coloaense</i> n. sp. (Nematoda: Rhabditida): Tj ETQq1 1 0.784314.rgBT / Overlock 10	1.1	11
44	Susceptibility of indigenous UK earthworms and an invasive pest flatworm to the slug parasitic nematode <i>Phasmarhabditis hermaphrodita</i> . <i>Biocontrol Science and Technology</i> , 2005, 15, 623-626.	1.3	12
45	Effect of Nematodes on Rhizosphere Colonization by Seed-Applied Bacteria. <i>Applied and Environmental Microbiology</i> , 2004, 70, 4666-4671.	3.1	46
46	Assessment of nematode biodiversity using DGGE of 18S rDNA following extraction of nematodes from soil. <i>Soil Biology and Biochemistry</i> , 2004, 36, 2027-2032.	8.8	43
47	Neutral density liquid formulations for nematode-based biopesticides. <i>Biotechnology Letters</i> , 2004, 26, 1167-1171.	2.2	6
48	Low Temperature "Short Duration Steaming of Soil Kills Soil-Borne Pathogens, Nematode Pests and Weeds. <i>European Journal of Plant Pathology</i> , 2003, 109, 993-1002.	1.7	70
49	Application pattern and persistence of the entomopathogenic nematode <i>Heterorhabditis bacteriophora</i> . <i>Biological Control</i> , 2003, 26, 180-188.	3.0	39
50	Caffeine - bad for slugs, good for the environment?. <i>Outlooks on Pest Management</i> , 2002, 13, 270-271.	0.2	2
51	Seed dressings to control slug damage in oilseed rape. <i>Pest Management Science</i> , 2002, 58, 687-694.	3.4	13
52	Effects of <i>Phasmarhabditis hermaphrodita</i> on non-target molluscs. <i>Pest Management Science</i> , 2000, 56, 711-716.	3.4	52
53	Biological Control Agents for White Grubs (Coleoptera: Scarabaeidae) in Anticipation of the Establishment of the Japanese Beetle in California. <i>Journal of Economic Entomology</i> , 2000, 93, 71-80.	1.8	51
54	Terrestrial Mollusc Pests. , 2000, , 787-804.		3

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55	Entomopathogenic Nematodes to Control Black Vine Weevil (Coleoptera: Curculionidae) on Strawberry. <i>Journal of Economic Entomology</i> , 1999, 92, 651-657.	1.8	21
56	Some observations on the morphology and protein profiles of the slug-parasitic nematodes <i>Phasmarhabditis hermaphrodita</i> and <i>P. neopapillosa</i> (Nematoda: Rhabditidae). <i>Nematology</i> , 1999, 1, 173-182.	0.6	37
57	Risk Assessment and Fitness of a Transgenic Entomopathogenic Nematode. <i>Biological Control</i> , 1999, 15, 81-87.	3.0	13
58	Field Release and Environmental Fate of a Transgenic Entomopathogenic Nematode. <i>Biological Control</i> , 1997, 9, 75-80.	3.0	51