

# Lieven Waeyenberge

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

1,802  
citations

361413

20  
h-index

330143

37  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1906  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of synthetic fertilizer and farm compost on soil nematode community in long-term crop rotation plots: A morphological and metabarcoding approach. <i>PLoS ONE</i> , 2020, 15, e0230153.	2.5	19
2	A global database of soil nematode abundance and functional group composition. <i>Scientific Data</i> , 2020, 7, 103.	5.3	46
3	Soil nematode abundance and functional group composition at a global scale. <i>Nature</i> , 2019, 572, 194-198.	27.8	635
4	New Insights Into Nematode DNA-metabarcoding as Revealed by the Characterization of Artificial and Spiked Nematode Communities. <i>Diversity</i> , 2019, 11, 52.	1.7	43
5	Root-lesion nematodes in cereal fields: importance, distribution, identification, and management strategies. <i>Journal of Plant Diseases and Protection</i> , 2019, 126, 1-11.	2.9	17
6	Investigation of resistance to <i>Pratylenchus penetrans</i> and <i>P. thornei</i> in international wheat lines and its durability when inoculated together with the cereal cyst nematode <i>Heterodera avenae</i> , using qPCR for nematode quantification. <i>European Journal of Plant Pathology</i> , 2018, 151, 875-889.	1.7	12
7	DNA barcoding, phylogeny and phylogeography of the cyst nematode species of the <i>Avenae</i> group from the genus <i>Heterodera</i> (Tylenchida: Heteroderidae). <i>Nematology</i> , 2018, 20, 671-702.	0.6	21
8	Cereal cyst nematodes: importance, distribution, identification, quantification, and control. <i>European Journal of Plant Pathology</i> , 2018, 150, 1-20.	1.7	18
9	Molecular diversity of <i>Scutellonema bradys</i> populations from Benin, based on ITS1 rDNA and COI mtDNA. <i>Tropical Plant Pathology</i> , 2018, 43, 323-332.	1.5	0
10	Characterization of cereal cyst nematodes ( <i>Heterodera</i> spp.) in Morocco based on morphology, morphometrics and rDNA-ITS sequence analysis. <i>Journal of Plant Protection Research</i> , 2017, 57, 219-227.	1.0	11
11	The pitfalls of molecular species identification: a case study within the genus <i>Pratylenchus</i> (Nematoda: Pratylenchidae). <i>Nematology</i> , 2017, 19, 1179-1199.	0.6	24
12	Characterisation of amphimictic and parthenogenetic populations of <i>Pratylenchus bolivianus</i> Corbett, 1983 (Nematoda: Pratylenchidae) and their phylogenetic relationships with closely related species. <i>Nematology</i> , 2016, 18, 651-678.	0.6	22
13	Diversity of root-lesion nematodes ( <i>Pratylenchus</i> spp.) associated with wheat ( <i>Triticum aestivum</i> and) Tj ETQq1 1 0,784314 rgBT /Ove 0.6 23	0.6	23
14	Molecular characterisation of novel isolates of <i>Antromopathogenic</i> nematodes. <i>Nematology</i> , 2016, 18, 277-291.	0.6	5
15	The Yam Nematode, <i>Scutellonema bradys</i> , a New Threat to Potato. <i>Potato Research</i> , 2015, 58, 189-203.	2.7	2
16	The $\beta$ -1,4-endoglucanase gene is suitable for the molecular quantification of the root-lesion nematode, <i>Pratylenchus thornei</i> . <i>Nematology</i> , 2014, 16, 789-796.	0.6	13
17	Development of two species-specific primer sets to detect the cereal cyst nematodes <i>Heterodera avenae</i> and <i>Heterodera filipjevi</i> . <i>European Journal of Plant Pathology</i> , 2013, 136, 613-624.	1.7	40
18	Quantitative detection of the root-lesion nematode, <i>Pratylenchus penetrans</i> , using qPCR. <i>European Journal of Plant Pathology</i> , 2013, 137, 403-413.	1.7	30

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19	Development of a species-specific PCR to detect the cereal cyst nematode, <i>Heterodera latipons</i> . <i>Nematology</i> , 2013, 15, 709-717.	0.6	26
20	<i>Steinernema ethiopiense</i> sp. n. (Rhabditida: Steinernematidae), a new entomopathogenic nematode from Ethiopia. <i>Nematology</i> , 2012, 14, 741-757.	0.6	13
21	<i>Pratylenchus speijeri</i> n. sp. (Nematoda: Pratylenchidae), a new root-lesion nematode pest of plantain in West Africa. <i>Nematology</i> , 2012, 14, 987-1004.	0.6	28
22	Distribution of entomopathogenic nematodes in Southern Cameroon. <i>Journal of Invertebrate Pathology</i> , 2012, 109, 41-51.	3.2	46
23	A Real-time PCR Assay to Identify <i>Meloidogyne minor</i> . <i>Journal of Phytopathology</i> , 2011, 159, 80-84.	1.0	17
24	<i>Steinernema lamjungense</i> n. sp. (Rhabditida: Steinernematidae), a new species of entomopathogenic nematode from Lamjung district, Nepal. <i>Nematology</i> , 2011, 13, 589-605.	0.6	14
25	<i>Steinernema everestense</i> n. sp. (Rhabditida: Steinernematidae), a new species of entomopathogenic nematode from Pakhribas, Dhankuta, Nepal. <i>Nematology</i> , 2011, 13, 443-462.	0.6	6
26	Heat tolerance among different strains of the entomopathogenic nematode <i>Heterorhabditis bacteriophora</i> . <i>BioControl</i> , 2010, 55, 423-434.	2.0	28
27	Natural occurrence and distribution of entomopathogenic nematodes ( <i>Steinernematidae</i> and <i>Tj ETQq1 1 0.784314 rgBT / Overlock 10</i> )	3.2	28
28	Species-specific duplex PCR for the detection of <i>Pratylenchus penetrans</i> . <i>Nematology</i> , 2009, 11, 847-857.	0.6	30
29	Characterisation of <i>Bursaphelenchus</i> spp. isolated from packaging wood imported at Nanjing, China. <i>Nematology</i> , 2009, 11, 375-408.	0.6	15
30	<i>Bursaphelenchus chengi</i> sp. n. (Nematoda: Parasitaphelenchidae) isolated at Nanjing, China, in packaging wood from Taiwan. <i>Nematology</i> , 2008, 10, 335-346.	0.6	58
31	<i>Pratylenchus goodeyi</i> , a species-complex?. <i>Communications in Agricultural and Applied Biological Sciences</i> , 2007, 72, 697-701.	0.0	1
32	A new entomopathogenic nematode, <i>Steinernema robustispiculum</i> n. sp. (Rhabditida: Steinernematidae), from Chumomray National Park in Vietnam. <i>Systematic Parasitology</i> , 2005, 60, 23-32.	1.1	18
33	First record of <i>Steinernema glaseri</i> Steiner, 1929 (Rhabditida: Steinernematidae) from Belgium: a natural pathogen of <i>Hoplia philanthus</i> (Coleoptera: Scarabaeidae). <i>Nematology</i> , 2005, 7, 953-956.	0.6	6
34	Intraspecific variation in <i>Radopholus similis</i> isolates assessed with restriction fragment length polymorphism and DNA sequencing of the internal transcribed spacer region of the ribosomal RNA cistron. <i>International Journal for Parasitology</i> , 2002, 32, 199-205.	3.1	44
35	Phylogenetic Relationships within the Cyst-Forming Nematodes (Nematoda, Heteroderidae) Based on Analysis of Sequences from the ITS Regions of Ribosomal DNA. <i>Molecular Phylogenetics and Evolution</i> , 2001, 21, 1-16.	2.7	175
36	Molecular characterisation of 18 <i>Pratylenchus</i> species using rDNA Restriction Fragment Length Polymorphism. <i>Nematology</i> , 2000, 2, 135-142.	0.6	95

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37	Identification of cyst forming nematodes of the genus <i>Heterodera</i> (Nematoda: Heteroderidae) based on the ribosomal DNA-RFLP. <i>Nematology</i> , 2000, 2, 153-164.	0.6	113
38	Identification of <i>Heterodera avenae</i> group species by morphometrics and rDNA-RFLPs. <i>Nematology</i> , 1999, 1, 195-207.	0.6	60