

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	Soil nematode abundance and functional group composition at a global scale. <i>Nature</i> , 2019, 572, 194-198.	27.8	635
2	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
3	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
4	Molecular characterisation of 18 <i>Pratylenchus</i> species using rDNA Restriction Fragment Length Polymorphism. <i>Nematology</i> , 2000, 2, 135-142.	0.6	95
5	Identification of <i>Heterodera avenae</i> group species by morphometrics and rDNA-RFLPs. <i>Nematology</i> , 1999, 1, 195-207.	0.6	60
6	<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
7	Distribution of entomopathogenic nematodes in Southern Cameroon. <i>Journal of Invertebrate Pathology</i> , 2012, 109, 41-51.	3.2	46
8	A global database of soil nematode abundance and functional group composition. <i>Scientific Data</i> , 2020, 7, 103.	5.3	46
9	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
10	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
11	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
12	Species-specific duplex PCR for the detection of <i>Pratylenchus penetrans</i> . <i>Nematology</i> , 2009, 11, 847-857.	0.6	30
13	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
14	Heat tolerance among different strains of the entomopathogenic nematode <i>Heterorhabditis bacteriophora</i> . <i>BioControl</i> , 2010, 55, 423-434.	2.0	28
15	Natural occurrence and distribution of entomopathogenic nematodes (Steinernematidae and) Tj ETQq1 1 0.784314 rgBT /Overlock 101	3.2	28
16	<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
17	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
18	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

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19	Diversity of root-lesion nematodes (<i>Pratylenchus</i> spp.) associated with wheat (<i>Triticum aestivum</i> and) Tj ETQq1 1 0,784314 rgBT /Overl	0.6	23
20	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
21	DNA barcoding, phylogeny and phylogeography of the cyst nematode species of the Avenae group from the genus <i>Heterodera</i> (Tylenchida: Heteroderidae). <i>Nematology</i> , 2018, 20, 671-702.	0.6	21
22	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
23	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
24	Cereal cyst nematodes: importance, distribution, identification, quantification, and control. <i>European Journal of Plant Pathology</i> , 2018, 150, 1-20.	1.7	18
25	A Real-time PCR Assay to Identify <i>Meloidogyne minor</i> . <i>Journal of Phytopathology</i> , 2011, 159, 80-84.	1.0	17
26	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
27	Characterisation of <i>Bursaphelenchus</i> spp. isolated from packaging wood imported at Nanjing, China. <i>Nematology</i> , 2009, 11, 375-408.	0.6	15
28	<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
29	<i>Steinernema ethiopiense</i> sp. n. (Rhabditida: Steinernematidae), a new entomopathogenic nematode from Ethiopia. <i>Nematology</i> , 2012, 14, 741-757.	0.6	13
30	The β -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
31	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
32	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
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	<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
35	Molecular characterisation of novel isolates of entomopathogenic nematodes. <i>Nematology</i> , 2016, 18, 277-291.	0.6	5
36	The Yam Nematode, <i>Scutellonema bradys</i> , a New Threat to Potato. <i>Potato Research</i> , 2015, 58, 189-203.	2.7	2

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37	Pratylenchus goodeyi, a species-complex?. Communications in Agricultural and Applied Biological Sciences, 2007, 72, 697-701.	0.0	1
38	Molecular diversity of Scutellonema bradys populations from Benin, based on ITS1 rDNA and COI mtDNA. Tropical Plant Pathology, 2018, 43, 323-332.	1.5	0