

# Guiping Yan

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

444  
citations

840776

11  
h-index

752698

20  
g-index

32  
all docs

32  
docs citations

32  
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Population Development of the Root-Lesion Nematode <i>Pratylenchus dakotaensis</i> on Soybean Cultivars. <i>Plant Disease</i> , 2022, 106, 2117-2126.	1.4	3
2	Early Detection and Temporal Dynamics of <i>Pratylenchus scribneri</i> Infection in Potato Roots Determined Using Quantitative PCR and Root Staining. <i>Phytopathology</i> , 2022, 112, 1776-1782.	2.2	1
3	Characterization of Virulence Phenotypes of Soybean Cyst Nematode ( <i>Heterodera glycines</i> ) Populations in North Dakota. <i>Phytopathology</i> , 2021, 111, 2100-2109.	2.2	11
4	Effects of Cover Crops on Population Reduction of Soybean Cyst Nematode ( <i>Heterodera</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 T	1.4	11
5	Development of Real-Time and Conventional PCR Assays for Identifying a Newly Named Species of Root-Lesion Nematode ( <i>Pratylenchus dakotaensis</i> ) on Soybean. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5872.	4.1	3
6	Developing a Real-Time PCR Assay for Direct Identification and Quantification of Soybean Cyst Nematode, <i>Heterodera glycines</i> , in Soil and Its Discrimination from Sugar Beet Cyst Nematode, <i>Heterodera schachtii</i> . <i>Plant Disease</i> , 2021, 105, 3848-3857.	1.4	4
7	Morphological and Molecular Characterization of <i>Pratylenchus dakotaensis</i> n. sp. (Nematoda: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 622 T) 168.	3.5	7
8	Occurrence of vermiform plant-parasitic nematodes in North Dakota corn fields and impact of environmental and soil factors. <i>Canadian Journal of Plant Pathology</i> , 2020, 42, 429-444.	1.4	11
9	Developing a real-time PCR assay for direct detection and quantification of <i>Pratylenchus scribneri</i> in field soil. <i>Nematology</i> , 2020, 22, 733-744.	0.6	5
10	Effects of Co-Inoculation with <i>Pratylenchus penetrans</i> and <i>Fusarium oxysporum</i> on Growth and Yield of Potato Cultivar Red Norland. <i>American Journal of Potato Research</i> , 2020, 97, 246-255.	0.9	2
11	On the molecular identity of <i>Paratylenchus nanus</i> Cobb, 1923 (Nematoda: Tylenchida). <i>Journal of Nematology</i> , 2020, 52, 1-7.	0.9	7
12	Reproduction Ability and Growth Effect of Pin Nematode, <i>Paratylenchus nanus</i> , With Selected Field Pea Cultivars. <i>Plant Disease</i> , 2019, 103, 2520-2526.	1.4	7
13	Occurrence and distribution of vermiform plant-parasitic nematodes and the relationship with soil factors in field pea ( <i>Pisum sativum</i> ) in North Dakota, USA. <i>Nematology</i> , 2019, 21, 445-457.	0.6	7
14	Assessment of Factors Associated with Molecular Quantification of Stubby Root Nematode <i>Paratrichodorus allius</i> from Field Soil DNA. <i>Plant Disease</i> , 2019, 103, 3265-3273.	1.4	3
15	Developing a One-Step Multiplex PCR Assay for Rapid Detection of Four Stubby-Root Nematode Species, <i>Paratrichodorus allius</i> , <i>P. minor</i> , <i>P. porosus</i> , and <i>Trichodorus obtusus</i> . <i>Plant Disease</i> , 2019, 103, 404-410.	1.4	8
16	Molecular Characterization and Identification of Stubby Root Nematode Species From Multiple States in the United States. <i>Plant Disease</i> , 2018, 102, 2101-2111.	1.4	8
17	Plant Parasitic Nematodes of North Dakota and South Dakota. <i>Sustainability in Plant and Crop Protection</i> , 2018, , 181-207.	0.4	1
18	Current Research Status of <i>Heterodera glycines</i> Resistance and Its Implication on Soybean Breeding. <i>Engineering</i> , 2018, 4, 534-541.	6.7	21

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19	First Report of the Ring Nematode <i>Mesocriconema nebraskense</i> from a Corn Field in North Dakota. <i>Journal of Nematology</i> , 2018, 50, 531-532.	0.9	0
20	Specific Detection of the Root-Lesion Nematode <i>Pratylenchus scribneri</i> Using Conventional and Real-Time PCR. <i>Plant Disease</i> , 2017, 101, 359-365.	1.4	24
21	Development of Real-Time and Conventional PCR Assays for Identifying Stubby Root Nematode <i>Paratrichodorus allius</i> . <i>Plant Disease</i> , 2017, 101, 964-972.	1.4	14
22	Use of Chemical Flocculation and Nested PCR for <i>Heterodera glycines</i> Detection in DNA Extracts from Field Soils with Low Population Densities. <i>Plant Disease</i> , 2017, 101, 1153-1161.	1.4	9
23	Developing a Real-Time PCR Assay for Direct Identification and Quantification of <i>Pratylenchus penetrans</i> in Soil. <i>Plant Disease</i> , 2017, 101, 1432-1441.	1.4	22
24	Quantification of <i>Paratrichodorus allius</i> in DNA extracted from soil using TaqMan Probe and SYBR Green real-time PCR assays. <i>Nematology</i> , 2017, 19, 987-1001.	0.6	18
25	First Report of the Spiral Nematode <i>Helicotylenchus microlobus</i> Infecting Soybean in North Dakota. <i>Journal of Nematology</i> , 2017, 49, 1-1.	0.9	9
26	First Report of the Spiral Nematode Infecting Soybean in North Dakota. <i>Journal of Nematology</i> , 2017, 49, 1.	0.9	1
27	Developing a Real-Time PCR Assay for Detection and Quantification of <i>Pratylenchus neglectus</i> in Soil. <i>Plant Disease</i> , 2013, 97, 757-764.	1.4	54
28	Effects of Crop Rotations and Tillage on <i>Pratylenchus</i> spp. in the Semiarid Pacific Northwest United States. <i>Plant Disease</i> , 2013, 97, 537-546.	1.4	24
29	Species-Specific PCR Assays for Differentiating <i>Heterodera filipjevi</i> and <i>H. avenae</i> . <i>Plant Disease</i> , 2013, 97, 1611-1619.	1.4	25
30	Detection and Quantification of <i>Pratylenchus thornei</i> in DNA Extracted from Soil Using Real-Time PCR. <i>Phytopathology</i> , 2012, 102, 14-22.	2.2	63
31	Detection and Discrimination of <i>Pratylenchus neglectus</i> and <i>P. thornei</i> in DNA Extracts from Soil. <i>Plant Disease</i> , 2008, 92, 1480-1487.	1.4	61
32	Screening of Early Maturing Soybean Accessions for Resistance against HG Type 2.5.7 of Soybean Cyst Nematode, <i>Heterodera glycines</i> . <i>Plant Health Progress</i> , 0, , .	1.4	0