Lilin Zhao

List of Publications by Year
in descending order

25 papers	557 citations	759233 12 h-index	642732 23 g-index
27 all docs	27 docs citations	27 times ranked	449 citing authors

#	Article	IF	Citations
1	Interspecific communication between pinewood nematode, its insect vector, and associated microbes. Trends in Parasitology, 2014, 30, 299-308.	3.3	113
2	Chemical Signals Synchronize the Life Cycles of a Plant-Parasitic Nematode and Its Vector Beetle. Current Biology, 2013, 23, 2038-2043.	3.9	69
3	Ascarosides coordinate the dispersal of a plant-parasitic nematode with the metamorphosis of its vector beetle. Nature Communications, 2016, 7, 12341.	12.8	69
4	The Ratio and Concentration of Two Monoterpenes Mediate Fecundity of the Pinewood Nematode and Growth of Its Associated Fungi. PLoS ONE, 2012, 7, e31716.	2.5	42
5	A native fungal symbiont facilitates the prevalence and development of an invasive pathogenâ€“native vector symbiosis. Ecology, 2013, 94, 2817-2826.	3.2	41
6	miR-31-5p regulates cold acclimation of the wood-boring beetle Monochamus alternatus via ascaroside signaling. BMC Biology, 2020, 18, 184.	3.8	30
7	CO2 drives the pine wood nematode off its insect vector. Current Biology, 2019, 29, R619-R620.	3.9	27
8	Enhancement of oxidative stress contributes to increased pathogenicity of the invasive pine wood nematode. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20180323.	4.0	24
9	Gene family expansion of pinewood nematode to detoxify its host defence chemicals. Molecular Ecology, 2020, 29, 940-955.	3.9	23
10	Ascarosides Promote the Prevalence of Ophiostomatoid Fungi and an Invasive Pathogenic Nematode, Bursaphelenchus xylophilus. Journal of Chemical Ecology, 2018, 44, 701-710.	1.8	16
11	Phenotypic plasticity of reproductive traits in response to food availability in invasive and native species of nematode. Biological Invasions, 2013, 15, 1407-1415.	2.4	14
12	Chemical Signals of Vector Beetle Facilitate the Prevalence of a Native Fungus and the Invasive Pinewood Nematode. Journal of Nematology, 2017, 49, 341-347.	0.9	13
13	Differential immune responses of Monochamus alternatus against symbiotic and entomopathogenic fungi. Science China Life Sciences, 2017, 60, 902-910.	4.9	12
14	A novel rapid sampling method for pinewood nematode, Bursaphelenchus xylophilus (Nematoda: Parasitaphelenchidae). Canadian Journal of Forest Research, 2007, 37, 1867-1872.	1.7	11
15	Pinewood Nematode Bursaphelenchus xylophilus (Steiner and Buhrer) Nickle. , 2017, , 3-21.		10
16	A Reference Genome of Bursaphelenchus mucronatus Provides New Resources for Revealing Its Displacement by Pinewood Nematode. Genes, 2020, 11, 570.	2.4	10
17	Invasion History of the Pinewood Nematode Bursaphelenchus xylophilus Influences the Abundance of Serratia sp. in Pupal Chambers and Tracheae of Insect-Vector Monochamus alternatus. Frontiers in Plant Science, 2022, 13, .	3.6	9
18	Species displacement facilitated by ascarosides between two sympatric sibling species: a native and invasive nematode. Journal of Pest Science, 2020, 93, 1059-1071.	3.7	8

#	Article	IF	Citations
19	Major ascaroside pheromone component ascâ€C5 influences reproductive plasticity among isolates of the invasive species pinewood nematode. Integrative Zoology, 2020, 16, 893-907.	2.6	7
20	A new bacteriaâ€free strategy induced by MaGal2 facilitates pinewood nematode escape immune response from its vector beetle. Insect Science, 2021, 28, 1087-1102.	3.0	4
21	Parallel Evolution of C-Type Lectin Domain Gene Family Sizes in Insect-Vectored Nematodes. Frontiers in Plant Science, 2022, 13, 856826.	3.6	2
22	Developmental differences between a Chinese and a North American isolate of the pinewood nematode Bursaphelenchus xylophilus (Tylenchida: Aphelenchoididae) under laboratory conditions. Science China Life Sciences, 2017, 60, 921-923.	4.9	1
23	Chemical Signals of Vector Beetle Facilitate the Prevalence of a Native Fungus and the Invasive Pinewood Nematode. Journal of Nematology, 2017, 49, 341-347.	0.9	1
24	Microhabitat Governs the Microbiota of the Pinewood Nematode and Its Vector Beetle: Implication for the Prevalence of Pine Wilt Disease. Microbiology Spectrum, 2022, 10, .	3.0	1
25	American fall webworm in China: A new case of global biological invasions. Innovation(China), 2022, 3, 100201.	9.1	0