

Lilin Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

557
citations

759233

12
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642732

23
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27
all docs

27
docs citations

27
times ranked

449
citing authors

#	ARTICLE	IF	CITATIONS
1	American fall webworm in China: A new case of global biological invasions. <i>Innovation(China)</i> , 2022, 3, 100201.	9.1	0
2	Parallel Evolution of C-Type Lectin Domain Gene Family Sizes in Insect-Vectored Nematodes. <i>Frontiers in Plant Science</i> , 2022, 13, 856826.	3.6	2
3	Invasion History of the Pinewood Nematode <i>Bursaphelenchus xylophilus</i> Influences the Abundance of <i>Serratia</i> sp. in Pupal Chambers and Tracheae of Insect-Vector <i>Monochamus alternatus</i> . <i>Frontiers in Plant Science</i> , 2022, 13, .	3.6	9
4	Microhabitat Governs the Microbiota of the Pinewood Nematode and Its Vector Beetle: Implication for the Prevalence of Pine Wilt Disease. <i>Microbiology Spectrum</i> , 2022, 10, .	3.0	1
5	A new bacteria-free strategy induced by MaGal2 facilitates pinewood nematode escape immune response from its vector beetle. <i>Insect Science</i> , 2021, 28, 1087-1102.	3.0	4
6	miR-31-5p regulates cold acclimation of the wood-boring beetle <i>Monochamus alternatus</i> via ascaroside signaling. <i>BMC Biology</i> , 2020, 18, 184.	3.8	30
7	Major ascaroside pheromone component ascâ€5 influences reproductive plasticity among isolates of the invasive species pinewood nematode. <i>Integrative Zoology</i> , 2020, 16, 893-907.	2.6	7
8	Gene family expansion of pinewood nematode to detoxify its host defence chemicals. <i>Molecular Ecology</i> , 2020, 29, 940-955.	3.9	23
9	Species displacement facilitated by ascarosides between two sympatric sibling species: a native and invasive nematode. <i>Journal of Pest Science</i> , 2020, 93, 1059-1071.	3.7	8
10	A Reference Genome of <i>Bursaphelenchus mucronatus</i> Provides New Resources for Revealing Its Displacement by Pinewood Nematode. <i>Genes</i> , 2020, 11, 570.	2.4	10
11	CO2 drives the pine wood nematode off its insect vector. <i>Current Biology</i> , 2019, 29, R619-R620.	3.9	27
12	Enhancement of oxidative stress contributes to increased pathogenicity of the invasive pine wood nematode. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180323.	4.0	24
13	Ascarosides Promote the Prevalence of Ophiostomatoid Fungi and an Invasive Pathogenic Nematode, <i>Bursaphelenchus xylophilus</i> . <i>Journal of Chemical Ecology</i> , 2018, 44, 701-710.	1.8	16
14	Pinewood Nematode <i>Bursaphelenchus xylophilus</i> (Steiner and Buhner) Nickle. , 2017, , 3-21.		10
15	Developmental differences between a Chinese and a North American isolate of the pinewood nematode <i>Bursaphelenchus xylophilus</i> (Tylenchida: Aphelenchoididae) under laboratory conditions. <i>Science China Life Sciences</i> , 2017, 60, 921-923.	4.9	1
16	Differential immune responses of <i>Monochamus alternatus</i> against symbiotic and entomopathogenic fungi. <i>Science China Life Sciences</i> , 2017, 60, 902-910.	4.9	12
17	Chemical Signals of Vector Beetle Facilitate the Prevalence of a Native Fungus and the Invasive Pinewood Nematode. <i>Journal of Nematology</i> , 2017, 49, 341-347.	0.9	13
18	Chemical Signals of Vector Beetle Facilitate the Prevalence of a Native Fungus and the Invasive Pinewood Nematode. <i>Journal of Nematology</i> , 2017, 49, 341-347.	0.9	1

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19	Ascarosides coordinate the dispersal of a plant-parasitic nematode with the metamorphosis of its vector beetle. <i>Nature Communications</i> , 2016, 7, 12341.	12.8	69
20	Interspecific communication between pinewood nematode, its insect vector, and associated microbes. <i>Trends in Parasitology</i> , 2014, 30, 299-308.	3.3	113
21	Chemical Signals Synchronize the Life Cycles of a Plant-Parasitic Nematode and Its Vector Beetle. <i>Current Biology</i> , 2013, 23, 2038-2043.	3.9	69
22	Phenotypic plasticity of reproductive traits in response to food availability in invasive and native species of nematode. <i>Biological Invasions</i> , 2013, 15, 1407-1415.	2.4	14
23	A native fungal symbiont facilitates the prevalence and development of an invasive pathogen's native vector symbiosis. <i>Ecology</i> , 2013, 94, 2817-2826.	3.2	41
24	The Ratio and Concentration of Two Monoterpenes Mediate Fecundity of the Pinewood Nematode and Growth of Its Associated Fungi. <i>PLoS ONE</i> , 2012, 7, e31716.	2.5	42
25	A novel rapid sampling method for pinewood nematode, <i>Bursaphelenchus xylophilus</i> (Nematoda: Parasitaphelenchidae). <i>Canadian Journal of Forest Research</i> , 2007, 37, 1867-1872.	1.7	11