Min Lu

List of Publications by Year
in descending order

33 papers	1,142 citations	361413 20 h-index	414414 32 g-index
33 all docs	33 docs citations	33 times ranked	909 citing authors

#	Article	IF	Citations
1	Biology and damage traits of emerald ash borer (<i>Agrilus planipennis</i> Fairmaire) in China. Insect Science, 2007, 14, 367-373.	3.0	94
2	Gut-Associated Bacteria of Dendroctonus valens and their Involvement in Verbenone Production. Microbial Ecology, 2015, 70, 1012-1023.	2.8	91
3	The Role of Symbiotic Microbes in Insect Invasions. Annual Review of Ecology, Evolution, and Systematics, 2016, 47, 487-505.	8.3	82
4	Complex interactions among host pines and fungi vectored by an invasive bark beetle. New Phytologist, 2010, 187, 859-866.	7.3	79
5	Invasive bark beetleâ€associated microbes degrade a host defensive monoterpene. Insect Science, 2016, 23, 183-190.	3.0	67
6	Do novel genotypes drive the success of an invasive bark beetle<i>â€"</i>fungus complex? Implications for potential reinvasion. Ecology, 2011, 92, 2013-2019.	3.2	65
7	Altered Carbohydrates Allocation by Associated Bacteria-fungi Interactions in a Bark Beetle-microbe Symbiosis. Scientific Reports, 2016, 6, 20135.	3.3	63
8	Gut microbiota in an invasive bark beetle infected by a pathogenic fungus accelerates beetle mortality. Journal of Pest Science, 2019, 92, 343-351.	3.7	62
9	Bacterial microbiota protect an invasive bark beetle from a pine defensive compound. Microbiome, 2018, 6, 132.	11.1	53
10	Sexual variation of bacterial microbiota of Dendroctonus valens guts and frass in relation to verbenone production. Journal of Insect Physiology, 2016, 95, 110-117.	2.0	43
11	A native fungal symbiont facilitates the prevalence and development of an invasive pathogenâ€"native vector symbiosis. Ecology, 2013, 94, 2817-2826.	3.2	41
12	Detection and Identification of the Invasive Sirex noctilio (Hymenoptera: Siricidae) Fungal Symbiont, Amylostereum areolatum (Russulales: Amylostereacea), in China and the Stimulating Effect of Insect Venom on Laccase Production by A. areolatum YQL03. Journal of Economic Entomology, 2015, 108, 1136-1147.	1.8	41
13	Metabolic and immunological effects of gut microbiota in leaf beetles at the local and systemic levels. Integrative Zoology, 2021, 16, 313-323.	2.6	41
14	Pine Defensive Monoterpene Î±-Pinene Influences the Feeding Behavior of Dendroctonus valens and Its Gut Bacterial Community Structure. International Journal of Molecular Sciences, 2016, 17, 1734.	4.1	38
15	Variation of gut microbiota caused by an imbalance diet is detrimental to bugs' survival. Science of the Total Environment, 2021, 771, 144880.	8.0	35
16	Does cryptic microbiota mitigate pine resistance to an invasive beetle-fungus complex? Implications for invasion potential. Scientific Reports, 2016, 6, 33110.	3.3	27
17	Comparative analysis of the immune system of an invasive bark beetle, Dendroctonus valens, infected by an entomopathogenic fungus. Developmental and Comparative Immunology, 2018, 88, 65-69.	2.3	26
18	Inducible pine rosin defense mediates interactions between an invasive insectâ€"fungal complex and newly acquired sympatric fungal associates. Integrative Zoology, 2015, 10, 453-464.	2.6	23

#	Article	IF	Citations
19	Bacterial volatile ammonia regulates the consumption sequence of <scp>d</scp>-pinitol and <scp>d</scp>-glucose in a fungus associated with an invasive bark beetle. ISME Journal, 2017, 11, 2809-2820.	9.8	22
20	Gut commensal bacteria in biological invasions. Integrative Zoology, 2019, 14, 613-618.	2.6	21
21	An invasive beetleâ€“fungus complex is maintained by fungal nutritional-compensation mediated by bacterial volatiles. ISME Journal, 2020, 14, 2829-2842.	9.8	17
22	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
23	Effect of Oxygen on Verbenone Conversion From cis-Verbenol by Gut Facultative Anaerobes of Dendroctonus valens. Frontiers in Microbiology, 2018, 9, 464.	3.5	14
24	Preinvasion Assessment of Exotic Bark Beetle-Vectored Fungi to Detect Tree-Killing Pathogens. Phytopathology, 2022, 112, 261-270.	2.2	12
25	Cross-Attraction between an Exotic and a Native Pine Bark Beetle: A Novel Invasion Mechanism?. PLoS ONE, 2007, 2, e1302.	2.5	11
26	Volatiles produced by bacteria alleviate antagonistic effects of one associated fungus on Dendroctonus valens larvae. Science China Life Sciences, 2017, 60, 924-926.	4.9	11
27	Identification of Chemosensory Genes Based on the Antennal Transcriptomic Analysis of Plagiodera versicolora. Insects, 2022, 13, 36.	2.2	11
28	Chemical camouflage: a key process in shaping an ant-treehopper and fig-fig wasp mutualistic network. Scientific Reports, 2018, 8, 1833.	3.3	9
29	HPLC Separation of 2-Ethyl-5(6)-methylpyrazine and Its Electroantennogram and Alarm Activities on Fire Ants (Solenopsis invicta Buren). Molecules, 2018, 23, 1661.	3.8	7
30	Gut Bacterial Communities of Dendroctonus valens and Monoterpenes and Carbohydrates of Pinus tabuliformis at Different Attack Densities to Host Pines. Frontiers in Microbiology, 2018, 9, 1251.	3.5	7
31	Isolation, Identification, and Analysis of Potential Functions of Culturable Bacteria Associated with an Invasive Gall Wasp, Leptocybe invasa. Microbial Ecology, 2022, 83, 151-166.	2.8	7
32	Direct and Indirect Effects of Invasive vs. Native Ant-Hemipteran Mutualism: A Meta-Analysis That Supports the Mutualism Intensity Hypothesis. Agronomy, 2021, 11, 2323.	3.0	5
33	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