

Jian-Chu Mo

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

876
citations

687363

13
h-index

477307

29
g-index

30
all docs

30
docs citations

30
times ranked

1046
citing authors

#	ARTICLE	IF	CITATIONS
1	Green synthesis of zinc oxide nanoparticles using different plant extracts and their antibacterial activity against <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> . <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 341-352.	2.8	246
2	Biosynthesis of silver nanoparticles using endophytic bacteria and their role in inhibition of rice pathogenic bacteria and plant growth promotion. <i>RSC Advances</i> , 2019, 9, 29293-29299.	3.6	138
3	Lignocellulose pretreatment in a fungus-cultivating termite. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 4709-4714.	7.1	107
4	Termites and Chinese agricultural system: applications and advances in integrated termite management and chemical control. <i>Insect Science</i> , 2021, 28, 2-20.	3.0	43
5	Bridgehead effect and multiple introductions shape the global invasion history of a termite. <i>Communications Biology</i> , 2021, 4, 196.	4.4	42
6	Synthesis, characterization and efficacy of silver nanoparticles against <i>Aedes albopictus</i> larvae and pupae. <i>Pesticide Biochemistry and Physiology</i> , 2018, 144, 49-56.	3.6	39
7	Age polyethism drives community structure of the bacterial gut microbiota in the fungus-cultivating termite <i>Odontotermes formosanus</i> . <i>Environmental Microbiology</i> , 2016, 18, 1440-1451.	3.8	33
8	Behavioural response of female <i>Culex pipiens pallens</i> to common host plant volatiles and synthetic blends. <i>Parasites and Vectors</i> , 2015, 8, 598.	2.5	21
9	Investigation of Age Polyethism in Food Processing of the Fungus-Growing Termite <i>Odontotermes formosanus</i> (Blattodea: Termitidae) Using a Laboratory Artificial Rearing System. <i>Journal of Economic Entomology</i> , 2015, 108, 266-273.	1.8	21
10	Cellulase activity in five species of important termites in China. <i>Applied Entomology and Zoology</i> , 2004, 39, 635-641.	1.2	19
11	Physicochemical conditions and metal ion profiles in the gut of the fungus-growing termite <i>Odontotermes formosanus</i> . <i>Journal of Insect Physiology</i> , 2012, 58, 1368-1375.	2.0	17
12	Survivorship and fecundity of <i>Culex pipiens pallens</i> feeding on flowering plants and seed pods with differential preferences. <i>Acta Tropica</i> , 2016, 155, 51-57.	2.0	16
13	<i>Termitomyces heimii</i> Associated with Fungus-Growing Termite Produces Volatile Organic Compounds (VOCs) and Lignocellulose-Degrading Enzymes. <i>Applied Biochemistry and Biotechnology</i> , 2020, 192, 1270-1283.	2.9	15
14	Mannosylerythritol Lipids Mediated Biosynthesis of Silver Nanoparticles: An Eco-friendly and Operative Approach Against Chikungunya Vector <i>Aedes albopictus</i> . <i>Journal of Cluster Science</i> , 2021, 32, 17-25.	3.3	14
15	Exploring the effect of plant substrates on bacterial community structure in termite fungus-combs. <i>PLoS ONE</i> , 2020, 15, e0232329.	2.5	12
16	Laboratory evaluation of differential attraction of <i>Culex pipiens pallens</i> to fruit-based sugar baits. <i>Acta Tropica</i> , 2016, 163, 20-25.	2.0	10
17	Attraction behaviour of <i>Anagrus nilaparvatae</i> to remote lemongrass (<i>Cymbopogon</i>) Tj ETQq1 1 0.784314 ggBT /Overlock 10 T	1.8	9
18	Comparative study with scanning electron microscopy on the antennal sensilla of two main castes of <i>Coptotermes formosanus</i> Shiraki (Blattaria: Rhinotermitidae). <i>Micron</i> , 2020, 129, 102777.	2.2	9

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19	Sex-pairing pheromone of <i>Ancistrotermes dimorphus</i> (Isoptera: Macrotermitinae). <i>Journal of Insect Physiology</i> , 2015, 83, 8-14.	2.0	8
20	Multipartite symbioses in fungus-growing termites (Blattodea: Termitidae, Macrotermitinae) for the degradation of lignocellulose. <i>Insect Science</i> , 2021, 28, 1512-1529.	3.0	8
21	<i>In vitro</i> bioassay methods for laboratory screening of novel mosquito repellents. <i>Entomological Science</i> , 2014, 17, 365-370.	0.6	7
22	Investigation of Physicochemical Indices and Microbial Communities in Termite Fungus-Combs. <i>Frontiers in Microbiology</i> , 2020, 11, 581219.	3.5	7
23	Green synthesis of AgNP-ligand complexes and their toxicological effects on <i>Nilaparvata lugens</i> . <i>Journal of Nanobiotechnology</i> , 2021, 19, 318.	9.1	7
24	Laboratory and Field Evaluation of Multiple Compound Attractants to <i>Culex pipiens pallens</i> . <i>Journal of Medical Entomology</i> , 2018, 55, 787-794.	1.8	6
25	Attraction of <i>Culex pipiens pallens</i> (Diptera: Culicidae) to Floret Volatiles and Synthetic Blends of Its Nectar Host Plant <i>Abelia chinensis</i> (Rubiales: Caprifoliaceae). <i>Journal of Medical Entomology</i> , 2019, 56, 29-34.	1.8	6
26	Feeding on different attractive flowering plants affects the energy reserves of <i>Culex pipiens pallens</i> adults. <i>Parasitology Research</i> , 2018, 117, 67-73.	1.6	5
27	Behavioral responses of <i>Anagrus nilaparvatae</i> to common terpenoids, aromatic compounds, and fatty acid derivatives from rice plants. <i>Entomologia Experimentalis Et Applicata</i> , 2018, 166, 483-490.	1.4	5
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