Li Chen

List of Publications by Year
in descending order

34	515	687363 13	713466 21
papers	citations	h-index	g-index

34	34	34	325
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Revisiting the trail pheromone components of the red imported fire ant, Solenopsis invicta Buren. Insect Science, 2023, 30, 161-172.	3.0	4
2	Characterization of Queen Supergene Pheromone in the Red Imported Fire Ant Using Worker Discrimination Assays. Journal of Chemical Ecology, 2022, 48, 109-120.	1.8	4
3	Synthesis and Insecticidal Activity of Fire Ant Venom Alkaloid-Based 2-Methyl-6-alkyl-Î”1,6-piperideines. Molecules, 2022, 27, 1107.	3.8	3
4	Structure and distribution of antennal sensilla in Pseudosymmachia flavescens (Brenske) (Coleoptera: Scarabaeidae: Melolonthinae). Microscopy Research and Technique, 2022, 85, 1588-1596.	2.2	3
5	Olfactory perception of herbivoreâ€induced plant volatiles elicits counterâ€defences in larvae of the tobacco cutworm. Functional Ecology, 2021, 35, 384-397.	3.6	10
6	Importation biological control of invasive fire ants with parasitoid phorid fliesâ€”progress and prospects. Biological Control, 2021, 154, 104509.	3.0	4
7	Antennal and Behavioral Responses of Drosophila suzukii to Volatiles from a Non-Crop Host, Osyris wightiana. Insects, 2021, 12, 166.	2.2	5
8	Electrophysiological and Behavioral Responses of Holotrichia parallela to Volatiles from Peanut. Insects, 2021, 12, 158.	2.2	8
9	Chemical communication in ant-hemipteran mutualism: potential implications for ant invasions. Current Opinion in Insect Science, 2021, 45, 121-129.	4.4	6
10	A trail pheromone mediates the mutualism between ants and aphids. Current Biology, 2021, 31, 4738-4747.e4.	3.9	14
11	Detection of Volatile Organic Compounds by Antennal Lamellae of a Scarab Beetle. Frontiers in Ecology and Evolution, 2021, 9, .	2.2	4
12	Comparative Cutaneous Water Loss and Desiccation Tolerance of Four Solenopsis spp. (Hymenoptera:) Tj ETQq0 0 0 rgBT /Overlock 10	2.2	7
13	Sensilla on antenna and maxillary palp of Neoceratitis asiatica (Diptera: Tephritidae). Micron, 2020, 138, 102921.	2.2	1
14	Host preference in parasitic phorid flies: response of Pseudacteon curvatus and P. obtusus to venom alkaloids of native and imported Solenopsis fire ants. Chemoecology, 2020, 30, 197-204.	1.1	1
15	Biology of Pseudacteon Decapitating Flies (Diptera: Phoridae) That Parasitize Ants of the Solenopsis saevissima Complex (Hymenoptera: Formicidae) in South America. Insects, 2020, 11, 107.	2.2	9
16	A Practical Technique for Electrophysiologically Recording from Lamellated Antenna of Scarab Beetle. Journal of Chemical Ecology, 2019, 45, 392-401.	1.8	10
17	Electrophysiological and Alarm Responses of Solenopsis invicta Buren (Hymenoptera: Formicidae) to 2-Ethyl-3,5-dimethylpyrazine. Insects, 2019, 10, 451.	2.2	4
18	A SEM study of antennal sensilla in Maladera orientalis Motschulsky (Coleoptera: Scarabaeidae:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	2.2	10

#	Article	IF	Citations
19	Identification of active components from volatiles of Chinese bayberry, Myrica rubra attractive to Drosophila suzukii. Arthropod-Plant Interactions, 2018, 12, 435-442.	1.1	18
20	Pseudacteon Phorid Flies: Host Specificity and Impacts on Solenopsis Fire Ants. Annual Review of Entomology, 2018, 63, 47-67.	11.8	23
21	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
22	Cuticular hydrocarbon chemistry, an important factor shaping the current distribution pattern of the imported fire ants in the USA. Journal of Insect Physiology, 2018, 110, 34-43.	2.0	6
23	Electrophysiological and alarm behavioral responses of Solenopsis invicta Buren (Hymenoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock	0.9	5
24	Workers and alate queens of Solenopsis geminata share qualitatively similar but quantitatively different venom alkaloid chemistry. Frontiers in Ecology and Evolution, 2015, 3, .	2.2	16
25	Electroantennogram and Behavioral Responses of the Imported Fire Ant, Solenopsis invicta Buren, to an Alarm Pheromone Component and Its Analogues. Journal of Agricultural and Food Chemistry, 2014, 62, 11924-11932.	5.2	18
26	Quantitative Analysis of Alkaloidal Constituents in Imported Fire Ants by Gas Chromatography. Journal of Agricultural and Food Chemistry, 2014, 62, 5907-5915.	5.2	14
27	Similarity in Venom Alkaloid Chemistry of Alate Queens of Imported Fire Ants: Implication for Hybridization between Solenopsis richteri and S. invicta in the Southern United States. Chemistry and Biodiversity, 2012, 9, 702-713.	2.1	27
28	Reduction of Venom Alkaloids in Solenopsis richteri Ã— Solenopsis invicta Hybrid: An Attempt To Identify New Alkaloidal Components. Journal of Agricultural and Food Chemistry, 2010, 58, 11534-11542.	5.2	19
29	Fire ant venom alkaloids act as key attractants for the parasitic phorid fly, Pseudacteon tricuspis (Diptera: Phoridae). Die Naturwissenschaften, 2009, 96, 1421-1429.	1.6	35
30	Re-investigation of venom chemistry of Solenopsis fire ants. I. Identification of novel alkaloids in S. richteri. Toxicon, 2009, 53, 469-478.	1.6	53
31	Re-investigation of venom chemistry of Solenopsis fire ants. II. Identification of novel alkaloids in S. invicta. Toxicon, 2009, 53, 479-486.	1.6	53
32	Behavioral and Electroantennogram Responses of Phorid fly Pseudacteon tricuspis (Diptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 T Behavior, 2007, 20, 267-287.	0.7	35
33	Effects of Temperature, Sugar Availability, Gender, Mating, and Size on the Longevity of Phorid FlyPseudacteon tricuspis(Diptera: Phoridae). Environmental Entomology, 2005, 34, 246-255.	1.4	30
34	Lifespan and patterns of accumulation and mobilization of nutrients in the sugar-fed phorid fly, Pseudacteon tricuspis. Physiological Entomology, 2005, 30, 212-224.	1.5	49