

Xiao-Ming Chen

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Acute toxicity and chromosomal aberration toxicity of insect wax and its policosanol. <i>Food Science and Human Wellness</i> , 2022, 11, 356-365.	4.9	6
2	Insect industrialization and prospect in commerce: A case of China. <i>Entomological Research</i> , 2022, 52, 178-194.	1.1	8
3	Chromosome-level genome assembly for the horned gall aphid provides insights into interactions between gall-making insect and its host plant. <i>Ecology and Evolution</i> , 2022, 12, e8815.	1.9	8
4	Comparative analysis on visual and olfactory signals of <i>Papilio xuthus</i> (Lepidoptera: Papilionidae) during foraging and courtship. <i>PLoS ONE</i> , 2022, 17, e0263709.	2.5	1
5	Effect of policosanol from insect wax on amyloid β -peptide-induced toxicity in a transgenic <i>Caenorhabditis elegans</i> model of Alzheimer's disease. <i>BMC Complementary Medicine and Therapies</i> , 2021, 21, 103.	2.7	18
6	Genome assembly and methylome analysis of the white wax scale insect provides insight into sexual differentiation of metamorphosis in hexapods. <i>Molecular Ecology Resources</i> , 2021, 21, 1983-1995.	4.8	3
7	Anti-androgenetic alopecia effect of policosanol from Chinese wax by regulating abnormal hormone levels to suppress premature hair follicle entry into the regression phase. <i>Biomedicine and Pharmacotherapy</i> , 2021, 136, 111241.	5.6	11
8	Molecular and Histologic Adaptation of Horned Gall Induced by the Aphid <i>Schlechtendalia chinensis</i> (Pemphigidae). <i>International Journal of Molecular Sciences</i> , 2021, 22, 5166.	4.1	3
9	Wax glands of the horned gall aphid, <i>Schlechtendalia chinensis</i> , at different stages. <i>Arthropod Structure and Development</i> , 2020, 58, 100976.	1.4	2
10	A Complex Nutrient Exchange Between a Gall-Forming Aphid and Its Plant Host. <i>Frontiers in Plant Science</i> , 2020, 11, 811.	3.6	15
11	Microenvironmental analysis of two alternating hosts and their impact on the ecological adaptation of the horned sumac gall aphid <i>Schlechtendalia chinensis</i> (Hemiptera, Pemphiginae). <i>Scientific Reports</i> , 2020, 10, 435.	3.3	1
12	Macro- and Microscopic Analyses of Anatomical Structures of Chinese Gallnuts and Their Functional Adaptation. <i>Scientific Reports</i> , 2019, 9, 5193.	3.3	6
13	Sexual Dimorphism in Wax Secretion Offers Ecological Adaptability During <i>Ericerus pela</i> (Hemiptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.4	3
14	Potential Pathways and Genes Involved in Lac Synthesis and Secretion in <i>Kerria chinensis</i> (Hemiptera: Tj ETQq0 0 0.22 rgBT /Overlock 10 T	2.2	5
15	Proteins Identified from Saliva and Salivary Glands of the Chinese Gall Aphid <i>Schlechtendalia chinensis</i> . <i>Proteomics</i> , 2018, 18, e1700378.	2.2	32
16	A Lethal Fungus Infects the Chinese White Wax Scale Insect and Causes Dramatic Changes in the Host Microbiota. <i>Scientific Reports</i> , 2018, 8, 5324.	3.3	21
17	Characterization and functional assay of a fatty acyl-CoA reductase gene in the scale insect, <i>Ericerus pela</i> Chavannes (Hemiptera: Coccoidea). <i>Archives of Insect Biochemistry and Physiology</i> , 2018, 97, e21445.	1.5	15
18	Edible insects in China: Utilization and prospects. <i>Insect Science</i> , 2018, 25, 184-198.	3.0	155

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19	Protein Profile Analysis of <i>Ericerus pela</i> (Hemiptera: Coccoidea) Egg. <i>Journal of Insect Science</i> , 2018, 18, .	1.5	0
20	Molecular mechanisms of tannin accumulation in <i>Rhus</i> galls and genes involved in plant-insect interactions. <i>Scientific Reports</i> , 2018, 8, 9841.	3.3	26
21	Policosanol fabrication from insect wax and optimization by response surface methodology. <i>PLoS ONE</i> , 2018, 13, e0197343.	2.5	12
22	In vivo evaluation of insect wax for hair growth potential. <i>PLoS ONE</i> , 2018, 13, e0192612.	2.5	7
23	Hair growth promoting effect of white wax and policosanol from white wax on the mouse model of testosterone-induced hair loss. <i>Biomedicine and Pharmacotherapy</i> , 2017, 89, 438-446.	5.6	28
24	Role of visual and olfactory cues in sex recognition in butterfly <i>Cethosia cyane cyane</i> . <i>Scientific Reports</i> , 2017, 7, 5033.	3.3	19
25	Molecular response of gall induction by aphid <i>Schlechtendalia chinensis</i> (Bell) attack on <i>Rhus chinensis</i> Mill. <i>Journal of Plant Interactions</i> , 2017, 12, 465-479.	2.1	22
26	Transcriptomic and proteomic analyses on the supercooling ability and mining of antifreeze proteins of the Chinese white wax scale insect. <i>Insect Science</i> , 2016, 23, 430-437.	3.0	15
27	Identification and evaluation of reference genes in the Chinese white wax scale insect <i>Ericerus pela</i> . <i>SpringerPlus</i> , 2016, 5, 791.	1.2	19
28	Gibberellic acid is selectively downregulated in response to aphid-induced gall formation. <i>Acta Physiologiae Plantarum</i> , 2016, 38, 1.	2.1	11
29	Adult Behavior of <i>Tirumala limniace</i> (Lepidoptera: Danaidae). <i>Journal of Insect Science</i> , 2015, 15, 76-76.	1.5	4
30	Transcriptome Analysis of Sexually Dimorphic Chinese White Wax Scale Insects Reveals Key Differences in Developmental Programs and Transcription Factor Expression. <i>Scientific Reports</i> , 2015, 5, 8141.	3.3	31
31	Cloning and Expression Analysis of Four Heat Shock Protein Genes in <i>Ericerus pela</i> (Homoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 25	1.5	25
32	PROTEIN PROFILES OF CHINESE WHITE WAX SCALE, <i>Ericerus pela</i> , AT THE MALE PUPAL STAGE BY HIGH-THROUGHPUT PROTEOMICS. <i>Archives of Insect Biochemistry and Physiology</i> , 2014, 87, 214-233.	1.5	9
33	Visual and Olfactory Responses of Seven Butterfly Species During Foraging. <i>Journal of Insect Behavior</i> , 2013, 26, 387-401.	0.7	25
34	Molecular phylogeny and biogeography of lac insects (Hemiptera: Keriidae) inferred from nuclear and mitochondrial gene sequences. <i>Molecular Biology Reports</i> , 2013, 40, 5943-5952.	2.3	7
35	Gall Development and Clone Dynamics of the Gallling Aphid <i>Schlechtendalia chinensis</i> (Hemiptera: Pemphigidae). <i>Journal of Economic Entomology</i> , 2013, 106, 1628-1637.	1.8	10
36	Study on Volatile Components of Butterfly Nectar Plants and Host Plants. <i>Asian Journal of Chemistry</i> , 2013, 25, 7861-7863.	0.3	3

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37	Transcriptome Analysis of the Chinese White Wax Scale <i>Ericerus pela</i> with Focus on Genes Involved in Wax Biosynthesis. <i>PLoS ONE</i> , 2012, 7, e35719.	2.5	39
38	Status of Two Species of Lac Insects in the Genus <i>Kerria</i> from China Based on Morphological, Cellular, and Molecular Evidence. <i>Journal of Insect Science</i> , 2011, 11, 1-14.	1.5	11
39	Phylogeny of <i>Rhus</i> gall aphids (Hemiptera: Pemphigidae) based on combined molecular analysis of nuclear EF1 α and mitochondrial COII genes. <i>Entomological Science</i> , 2010, 13, 351-357.	0.6	26
40	Common edible insects and their utilization in China. <i>Entomological Research</i> , 2009, 39, 299-303.	1.1	137
41	Visual and olfactory sensory responses of the butterfly <i>Papilio maackii</i> during foraging and courtship. <i>Entomological Research</i> , 0, , .	1.1	3