

Ling-Qiao Huang

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,005
citations

394421

19
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526287

27
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28
all docs

28
docs citations

28
times ranked

608
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of functions of pheromone receptor repertoires in <i>Helicoverpa armigera</i> and <i>Helicoverpa assulta</i> using a <i>Drosophila</i> expression system. <i>Insect Biochemistry and Molecular Biology</i> , 2022, 141, 103702.	2.7	9
2	Functional analysis of pheromone receptor repertoire in the fall armyworm, <i>Spodoptera frugiperda</i> . <i>Pest Management Science</i> , 2022, 78, 2052-2064.	3.4	16
3	Contribution of odorant binding proteins to olfactory detection of (Z)-11-hexadecenal in <i>Helicoverpa armigera</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2021, 131, 103554.	2.7	16
4	Identification of a gustatory receptor tuned to sinigrin in the cabbage butterfly <i>Pieris rapae</i> . <i>PLoS Genetics</i> , 2021, 17, e1009527.	3.5	29
5	The cotton bollworm endoparasitoid <i>Campoletis chlorideae</i> is attracted by cis-jasmone or cis-3-hexenyl acetate but not by their mixtures. <i>Arthropod-Plant Interactions</i> , 2020, 14, 169-179.	1.1	13
6	The olfactory reception of acetic acid and ionotropic receptors in the Oriental armyworm, <i>Mythimna separata</i> Walker. <i>Insect Biochemistry and Molecular Biology</i> , 2020, 118, 103312.	2.7	24
7	Olfactory coding of intra- and interspecific pheromonal messages by the male <i>Mythimna separata</i> in North China. <i>Insect Biochemistry and Molecular Biology</i> , 2020, 125, 103439.	2.7	14
8	A moth odorant receptor highly expressed in the ovipositor is involved in detecting host-plant volatiles. <i>ELife</i> , 2020, 9, .	6.0	43
9	A gustatory receptor tuned to the steroid plant hormone brassinolide in <i>Plutella xylostella</i> (Lepidoptera: Plutellidae). <i>ELife</i> , 2020, 9, .	6.0	25
10	Dissecting sex pheromone communication of <i>Mythimna separata</i> (Walker) in North China from receptor molecules and antennal lobes to behavior. <i>Insect Biochemistry and Molecular Biology</i> , 2019, 111, 103176.	2.7	26
11	An odorant receptor and glomerulus responding to farnesene in <i>Helicoverpa assulta</i> (Lepidoptera: Tj ETQq1 1 0.784314 rgBT /Overlock	2.7	33
12	Design of larval chemical attractants based on odorant response spectra of odorant receptors in the cotton bollworm. <i>Insect Biochemistry and Molecular Biology</i> , 2017, 84, 48-62.	2.7	52
13	Expressional divergences of two desaturase genes determine the opposite ratios of two sex pheromone components in <i>Helicoverpa armigera</i> and <i>Helicoverpa assulta</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2017, 90, 90-100.	2.7	20
14	Two single-point mutations shift the ligand selectivity of a pheromone receptor between two closely related moth species. <i>ELife</i> , 2017, 6, .	6.0	63
15	Conserved chemosensory proteins in the proboscis and eyes of Lepidoptera. <i>International Journal of Biological Sciences</i> , 2016, 12, 1394-1404.	6.4	72
16	Functional validation of the carbon dioxide receptor in labial palps of <i>Helicoverpa armigera</i> moths. <i>Insect Biochemistry and Molecular Biology</i> , 2016, 73, 12-19.	2.7	73
17	Identification and testing of oviposition attractant chemical compounds for <i>Musca domestica</i> . <i>Scientific Reports</i> , 2016, 6, 33017.	3.3	22
18	Olfactory perception and behavioral effects of sex pheromone gland components in <i>Helicoverpa armigera</i> and <i>Helicoverpa assulta</i> . <i>Scientific Reports</i> , 2016, 6, 22998.	3.3	38

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19	The Inheritance of the Pheromone Sensory System in Two <i>Helicoverpa</i> Species: Dominance of <i>H. armigera</i> and Possible Introgression from <i>H. assulta</i> . <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 302.	3.7	6
20	Specific olfactory neurons and glomeruli are associated to differences in behavioral responses to pheromone components between two <i>Helicoverpa</i> species. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 206.	2.0	51
21	Differential immunosuppression by <i>Campoletis chloridae</i> eggs and ichnovirus in larvae of <i>Helicoverpa armigera</i> and <i>Spodoptera exigua</i> . <i>Journal of Invertebrate Pathology</i> , 2015, 130, 88-96.	3.2	9
22	A gustatory receptor tuned to d-fructose in antennal sensilla chaetica of <i>Helicoverpa armigera</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2015, 60, 39-46.	2.7	82
23	Unique function of a chemosensory protein in the proboscis of two <i>Helicoverpa</i> species. <i>Journal of Experimental Biology</i> , 2014, 217, 1821-6.	1.7	67
24	Sequence similarity and functional comparisons of pheromone receptor orthologs in two closely related <i>Helicoverpa</i> species. <i>Insect Biochemistry and Molecular Biology</i> , 2014, 48, 63-74.	2.7	74
25	Host preference and suitability in the endoparasitoid <i>Campoletis chloridae</i> is associated with its ability to suppress host immune responses. <i>Ecological Entomology</i> , 2013, 38, 173-182.	2.2	13
26	Three pheromone-binding proteins help segregation between two <i>Helicoverpa</i> species utilizing the same pheromone components. <i>Insect Biochemistry and Molecular Biology</i> , 2012, 42, 708-716.	2.7	85
27	Electrophysiological and behavioral responses of <i>Helicoverpa assulta</i> (Lepidoptera: Noctuidae) to tobacco volatiles. <i>Arthropod-Plant Interactions</i> , 2012, 6, 375-384.	1.1	30