

Yi-Han Xia

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

328
citations

1307594

7
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

304
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential Expression Patterns in Chemosensory and Non-Chemosensory Tissues of Putative Chemosensory Genes Identified by Transcriptome Analysis of Insect Pest the Purple Stem Borer <i>Sesamia inferens</i> (Walker). <i>PLoS ONE</i> , 2013, 8, e69715.	2.5	120
2	Large number of putative chemoreception and pheromone biosynthesis genes revealed by analyzing transcriptome from ovipositor-pheromone glands of <i>Chilo suppressalis</i> . <i>Scientific Reports</i> , 2015, 5, 7888.	3.3	69
3	Putative Pathway of Sex Pheromone Biosynthesis and Degradation by Expression Patterns of Genes Identified from Female Pheromone Gland and Adult Antenna of <i>Sesamia inferens</i> (Walker). <i>Journal of Chemical Ecology</i> , 2014, 40, 439-451.	1.8	52
4	Multi-Functional Desaturases in Two <i>Spodoptera</i> Moths with Δ^{11} and Δ^{12} Desaturation Activities. <i>Journal of Chemical Ecology</i> , 2019, 45, 378-387.	1.8	27
5	Production of moth sex pheromone precursors in <i>Nicotiana</i> spp.: a worthwhile new approach to pest control. <i>Journal of Pest Science</i> , 2020, 93, 1333-1346.	3.7	22
6	Green Chemistry Production of Codlemone, the Sex Pheromone of the Codling Moth (<i>Cydia</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 <i>Chemical Ecology</i> , 2021, 47, 950-967.	1.8	12
7	Biological production of insect pheromones in cell and plant factories. , 2021, , 89-121.		9
8	Biosynthesis of the Sex Pheromone Component (E,Z)-7,9-Dodecadienyl Acetate in the European Grapevine Moth, <i>Lobesia botrana</i> , Involving Δ^{11} Desaturation and an Elusive Δ^{7} Desaturase. <i>Journal of Chemical Ecology</i> , 2021, 47, 248-264.	1.8	8
9	Release of moth pheromone compounds from <i>Nicotiana benthamiana</i> upon transient expression of heterologous biosynthetic genes. <i>BMC Biology</i> , 2022, 20, 80.	3.8	8