

Josep Bau

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6812582/publications.pdf>

Version: 2024-02-01

13
papers

277
citations

933447

10
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

291
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Antennal resolution of pulsed pheromone plumes in three moth species. <i>Journal of Insect Physiology</i> , 2002, 48, 433-442. | 2.0 | 48 |
| 2 | Pheromone-triggered Orientation Flight of Male Moths can be Disrupted by Trifluoromethyl Ketones. <i>Chemical Senses</i> , 1999, 24, 473-480. | 2.0 | 41 |
| 3 | Modeling Optimal Strategies for Finding a Resource-Linked, Windborne Odor Plume: Theories, Robotics, and Biomimetic Lessons from Flying Insects. <i>Integrative and Comparative Biology</i> , 2015, 55, 461-477. | 2.0 | 33 |
| 4 | Pheromone response inhibitors of the corn stalk borer <i>Sesamia nonagrioides</i> . Biological evaluation and toxicology. <i>Journal of Chemical Ecology</i> , 2001, 27, 1879-1897. | 1.8 | 30 |
| 5 | Electroantennographic Resolution of Pulsed Pheromone Plumes in Two Species of Moths with Bipectinate Antennae. <i>Chemical Senses</i> , 2005, 30, 771-780. | 2.0 | 28 |
| 6 | Responses of the olfactory receptor neurons of the corn stalk borer <i>Sesamia nonagrioides</i> to components of the pheromone blend and their inhibition by a trifluoromethyl ketone analogue of the main component. <i>Pest Management Science</i> , 2004, 60, 719-726. | 3.4 | 19 |
| 7 | Simulation Modeling to Interpret the Captures of Moths in Pheromone-Baited Traps Used for Surveillance of Invasive Species: the Gypsy Moth as a Model Case. <i>Journal of Chemical Ecology</i> , 2016, 42, 877-887. | 1.8 | 18 |
| 8 | Comparison of Attraction and Trapping Capabilities of Bucket- and Delta-Style Traps With Different Pheromone Emission Rates for Gypsy Moths (Lepidoptera: Erebidæ): Implications for Understanding Range of Attraction and Utility in Surveillance. <i>Environmental Entomology</i> , 2018, 47, 107-113. | 1.4 | 17 |
| 9 | Comparative studies of female sex pheromone components and male response of the corn stalk borer <i>Sesamia nonagrioides</i> in three different populations. <i>Journal of Chemical Ecology</i> , 2002, 28, 1463-1472. | 1.8 | 14 |
| 10 | Sex Pheromone of the Oak Processionary Moth <i>Thaumetopoea processionea</i> . Identification and Biological Activity. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 2987-2991. | 5.2 | 14 |
| 11 | Diversity of piRNA expression patterns during the ontogeny of the German cockroach. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2018, 330, 288-295. | 1.3 | 8 |
| 12 | Extremely low neonicotinoid doses alter navigation of pest insects along pheromone plumes. <i>Scientific Reports</i> , 2019, 9, 8150. | 3.3 | 7 |
| 13 | Integrative Analysis of the Regulatory Region of the FGFR3 Oncogene. <i>Advances in Intelligent and Soft Computing</i> , 2011, , 201-204. | 0.2 | 0 |