Josep Bau

List of Publications by Year in descending order

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