

Thomas C Baker

List of Publications by Year in descending order

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15
papers

261
citations

1040056

9
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

328
citing authors

#	ARTICLE	IF	CITATIONS
1	Balanced Olfactory Antagonism as a Concept for Understanding Evolutionary Shifts in Moth Sex Pheromone Blends. <i>Journal of Chemical Ecology</i> , 2008, 34, 971-81.	1.8	67
2	Odorant receptors and antennal lobe morphology offer a new approach to understanding olfaction in the Asian longhorned beetle. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2017, 203, 99-109.	1.6	44
3	Flight Dispersal Capabilities of Female Spotted Lanternflies (<i>Lycorma delicatula</i>) Related to Size and Mating Status. <i>Journal of Insect Behavior</i> , 2019, 32, 188-200.	0.7	32
4	Nearest Neural Neighbors: Moth Sex Pheromone Receptors HR11 and HR13. <i>Chemical Senses</i> , 2009, 34, 465-468.	2.0	25
5	Field investigation of mating behaviour of <i>Agrilus cyanescens</i> and <i>Agrilus subcinctus</i> . <i>Canadian Entomologist</i> , 2011, 143, 370-379.	0.8	18
6	Isolation of a Female-Emitted Sex Pheromone Component of the Fungus Gnat, <i>Lycoriella ingenua</i> , Attractive to Males. <i>Journal of Chemical Ecology</i> , 2015, 41, 1127-1136.	1.8	13
7	Interaction of Visual and Chemical CUES in Promoting Attraction of <i>Agrilus planipennis</i> . <i>Journal of Chemical Ecology</i> , 2016, 42, 490-496.	1.8	11
8	Flight Duration Capabilities of Dispersing Adult Spotted Lanternflies, <i>Lycorma delicatula</i> . <i>Journal of Insect Behavior</i> , 2020, 33, 125-137.	0.7	11
9	Representations of odor plume flux are accentuated deep within the moth brain. <i>Journal of Biology</i> , 2009, 8, 16.	2.7	10
10	Olfactory Sensory Neurons of the Asian Longhorned Beetle, <i>Anoplophora glabripennis</i> , Specifically Responsive to its two Aggregation-Sex Pheromone Components. <i>Journal of Chemical Ecology</i> , 2018, 44, 637-649.	1.8	8
11	Labial and maxillary palp recordings of the Asian longhorned beetle, <i>Anoplophora glabripennis</i> , reveal olfactory and hygroreceptive capabilities. <i>Journal of Insect Physiology</i> , 2019, 117, 103905.	2.0	8
12	Increasing Signal-to-Noise Ratio in Gas Chromatography - Electroantennography Using a Deans Switch Effluent Chopper. <i>Journal of Chemical Ecology</i> , 2018, 44, 111-126.	1.8	7
13	Role of fruit volatiles of different guava varieties in attraction and oviposition behaviors of peach fruit fly, <i>Bactrocera zonata</i> Saunders. <i>Arthropod-Plant Interactions</i> , 2021, 15, 95-106.	1.1	4
14	It's Still Simple: Signal Plus Response Equals Communication. <i>Journal of Chemical Ecology</i> , 2014, 40, 310-310.	1.8	3
15	Pheromone Odorant Receptor Responses Reveal the Presence of a Cryptic, Redundant Sex Pheromone Component in the European Corn Borer, <i>Ostrinia nubilalis</i> . <i>Journal of Chemical Ecology</i> , 2020, 46, 567-580.	1.8	0