

Carmen Quero

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,167
citations

361413

20
h-index

395702

33
g-index

50
all docs

50
docs citations

50
times ranked

1447
citing authors

#	ARTICLE	IF	CITATIONS
1	Biorational insecticides in pest management. <i>Journal of Pesticide Sciences</i> , 2008, 33, 103-121.	1.4	178
2	Low-frequency sounds induce acoustic trauma in cephalopods. <i>Frontiers in Ecology and the Environment</i> , 2011, 9, 489-493.	4.0	110
3	A comparison of responses from olfactory receptor neurons of <i>Heliothis subflexa</i> and <i>Heliothis virescens</i> to components of their sex pheromone. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2004, 190, 155-165.	1.6	109
4	New identification of proanthocyanidins in cinnamon (<i>Cinnamomum zeylanicum</i> L.) using MALDI-TOF/TOF mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 1327-1336.	3.7	51
5	Determination of protein markers in human serum: Analysis of protein expression in toxic oil syndrome studies. <i>Proteomics</i> , 2004, 4, 303-315.	2.2	44
6	MALDI-TOF MS Imaging evidences spatial differences in the degradation of solid polycaprolactone diol in water under aerobic and denitrifying conditions. <i>Science of the Total Environment</i> , 2016, 566-567, 27-33.	8.0	41
7	Behavioral responses of <i>Spodoptera littoralis</i> males to sex pheromone components and virgin females in wind tunnel. <i>Journal of Chemical Ecology</i> , 1996, 22, 1087-1102.	1.8	34
8	Moths Behaving like Butterflies. Evolutionary Loss of Long Range Attractant Pheromones in Castniid Moths: A <i>Paysandisia archon</i> Model. <i>PLoS ONE</i> , 2012, 7, e29282.	2.5	33
9	Effects of Trifluoromethyl Ketones and Related Compounds on the EAG and Behavioural Responses to Pheromones in Male Moths. <i>Chemical Senses</i> , 1997, 22, 407-416.	2.0	32
10	Title is missing!. <i>Journal of Insect Behavior</i> , 1999, 12, 701-710.	0.7	32
11	Biosynthetic pathways of the pheromone of the Egyptian armyworm <i>Spodoptera littoralis</i> . <i>Physiological Entomology</i> , 2008, 33, 275-290.	1.5	30
12	Electrophysiological and Behavioral Responses of the Black-Banded Oak Borer, <i>Coroebus florentinus</i> , to Conspecific and Host-Plant Volatiles. <i>Journal of Chemical Ecology</i> , 2012, 38, 378-388.	1.8	30
13	Semiochemical and natural product-based approaches to control <i>Spodoptera</i> spp. (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 29	3.7	29
14	Aggressive mimicry coexists with mutualism in an aphid. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1101-1106.	7.1	28
15	Responses of male <i>Helicoverpa zea</i> to single pulses of sex pheromone and behavioural antagonist. <i>Physiological Entomology</i> , 2001, 26, 106-115.	1.5	27
16	New fluorinated derivatives as esterase inhibitors. Synthesis, hydration and crossed specificity studies. <i>Bioorganic and Medicinal Chemistry</i> , 2003, 11, 1047-1055.	3.0	26
17	Sex Pheromone of the Spanish Population of the Beet Armyworm <i>Spodoptera exigua</i> . <i>Journal of Chemical Ecology</i> , 2010, 36, 778-786.	1.8	26
18	Inheritance of Olfactory Preferences II. Olfactory Receptor Neuron Responses from <i>Heliothis subflexa</i> — <i>Heliothis virescens</i> Hybrid Male Moths. <i>Brain, Behavior and Evolution</i> , 2006, 68, 75-89.	1.7	22

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19	Behavior of processionary males (<i>Thaumetopoea pityocampa</i>) induced by sex pheromone and analogs in a wind tunnel. <i>Journal of Chemical Ecology</i> , 1995, 21, 1957-1969.	1.8	21
20	Control of the biosynthetic pathway of <i>Sesamia nonagrioides</i> sex pheromone by the pheromone biosynthesis activating neuropeptide. <i>Insect Biochemistry and Molecular Biology</i> , 2000, 30, 455-459.	2.7	20
21	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
22	Sexual communication in day-flying Lepidoptera with special reference to castniids or "butterfly-moths". <i>Bulletin of Entomological Research</i> , 2016, 106, 421-431.	1.0	19
23	Expression of differential antennal proteins in males and females of an important crop pest, <i>Sesamia nonagrioides</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2009, 39, 11-19.	2.7	18
24	Inhibition of pheromone action in <i>Sesamia nonagrioides</i> by Haloacetate analogues. <i>Pest Management Science</i> , 1994, 41, 97-103.	0.4	14
25	Reinvestigation of Female Sex Pheromone of Processionary Moth (<i>Thaumetopoea pityocampa</i>): No Evidence for Minor Components. <i>Journal of Chemical Ecology</i> , 1997, 23, 713-726.	1.8	14
26	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
27	Field trapping of the flathead oak borer <i>Coroebus undatus</i> (Coleoptera: Buprestidae) with different traps and volatile lures. <i>Insect Science</i> , 2015, 22, 139-149.	3.0	13
28	A proteomic analysis of the statocyst endolymph in common cuttlefish (<i>Sepia officinalis</i>): an assessment of acoustic trauma after exposure to sound. <i>Scientific Reports</i> , 2019, 9, 9340.	3.3	12
29	Evidence for (E)-pityol as an aggregation pheromone of <i>Pityophthorus pubescens</i> (Coleoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 2	0.8	10
30	Synthesis, Functional Assays, Electrophysiological Activity, and Field Tests of Pheromone Antagonists of the Tomato Leafminer, <i>Tuta absoluta</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 3523-3532.	5.2	10
31	Proteotyping of human haptoglobin by MALDI-TOF profiling: Phenotype distribution in a population of toxic oil syndrome patients. <i>Proteomics</i> , 2006, 6, S272-S281.	2.2	9
32	Electrophysiological and behavioural responses of <i>Pityophthorus pubescens</i> (Coleoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2 (<i>S. officinalis</i>) to verbenone in <i>Pinus radiata</i> (Pinaceae) stands in northern Spain. <i>Pest Management Science</i> , 2013, 69, 40-47.	3.4	9
33	Influence of Age, Host Plant and Mating Status in Pheromone Production and New Insights on Perception Plasticity in <i>Tuta Absoluta</i> . <i>Insects</i> , 2019, 10, 256.	2.2	9
34	Enantioselective Synthesis and Activity of All Diastereoisomers of (E)-Phytal, a Pheromone Component of the Moroccan Locust, <i>Dociostaurus maroccanus</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 72-80.	5.2	8
35	Two chiral types of randomly rotated ommatidia are distributed across the retina of the flathead oak borer, <i>Coroebus undatus</i> (Coleoptera: Buprestidae). <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	8
36	Sexual communication in castniid moths: Males mark their territories and appear to bear all chemical burden. <i>PLoS ONE</i> , 2017, 12, e0171166.	2.5	7

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37	Activity of Octylthio-trifluoropropan-2-one, a Potent Esterase Inhibitor, on Growth, Development, and Intraspecific Communication in <i>Spodoptera littoralis</i> and <i>Sesamia nonagrioides</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 7062-7068.	5.2	6
38	Electrophysiological and Behavioral Responses of a Cuban Population of the Sweet Potato Weevil to its Sex Pheromone. <i>Journal of Chemical Ecology</i> , 2006, 32, 2177-2190.	1.8	6
39	Using a polymer probe characterized by MALDI-TOF/MS to assess river ecosystem functioning: From polymer selection to field tests. <i>Science of the Total Environment</i> , 2016, 573, 532-540.	8.0	6
40	Short-term peripheral sensitization by brief exposure to pheromone components in <i>Spodoptera littoralis</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2017, 203, 973-982.	1.6	6
41	EAG Responses Increase of <i>Spodoptera littoralis</i> Antennae after a Single Pheromone Pulse. <i>Natural Product Communications</i> , 2014, 9, 1934578X1400900.	0.5	5
42	Inhibitory effect of thymol on pheromone-mediated attraction in two pest moth species. <i>Scientific Reports</i> , 2021, 11, 1223.	3.3	5
43	Proteomics of toxic oil syndrome in humans: Phenotype distribution in a population of patients. <i>Chemico-Biological Interactions</i> , 2011, 192, 129-135.	4.0	4
44	Phytal: A Candidate Sex Pheromone Component of the Moroccan Locust <i>Dociostaurus maroccanus</i> . <i>ChemBioChem</i> , 2013, 14, 1450-1459.	2.6	4
45	Development of Novel Management Tools for <i>Phortica variegata</i> (Diptera: Drosophilidae), Vector of the Oriental Eyeworm, <i>Thelazia callipaeda</i> (Spirurida: Thelaziidae), in Europe. <i>Journal of Medical Entomology</i> , 2021, , .	1.8	3
46	EAG responses increase of <i>Spodoptera littoralis</i> antennae after a single pheromone pulse. <i>Natural Product Communications</i> , 2014, 9, 1099-101.	0.5	3
47	Improved resolution in the acidic and basic region of 2-DE of insect antennae proteins using hydroxyethyl disulfide. <i>Electrophoresis</i> , 2009, 30, 2613-2616.	2.4	2
48	Olean (1,7-dioxaspiro[5.5]undecane): A Novel Intraspecific Chemical Cue in <i>Coraebus undatus</i> (F.) (Coleoptera: Buprestidae). <i>Insects</i> , 2021, 12, 1085.	2.2	0