Jaime C PiÃ±ero

List of Publications by Year
in descending order

85	2,406	186254	233409
papers	citations	28 h-index	45 g-index

85	85	85	1411
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sodium Chloride Added to Diluted Concord Grape Juice Prior to Fermentation Results in a Highly Attractive Bait for Drosophila suzukii (Diptera: Drosophilidae). Frontiers in Ecology and Evolution, 2022, 9, .	2.2	0
2	Behavioral Responses of Drosophila suzukii (Diptera: Drosophilidae) to Blends of Synthetic Fruit Volatiles Combined With Isoamyl Acetate and Î²-Cyclocitral. Frontiers in Ecology and Evolution, 2022, 10, .	2.2	0
3	Combined application of entomopathogenic nematodes and fungi against fruit flies, Bactrocera zonata and B. dorsalis (<scp>Diptera: Tephritidae</scp>): laboratory cups to field study. Pest Management Science, 2022, 78, 2779-2791.	3.4	11
4	Olfactory Cues From Host- and Non-host Plant Odor Influence the Behavioral Responses of AdultDrosophila suzukii(Diptera: Drosophilidae) to Visual Cues. Environmental Entomology, 2021, 50, 571-579.	1.4	6
5	Effects of chitosan and erythritol on labellar taste neuron activity, proboscis extension reflex, daily food intake, and mortality of male and female spotted-winged drosophila, Drosophila suzukii. Journal of Insect Physiology, 2021, 131, 104240.	2.0	6
6	Age-dependent response of female melon fly, Zeugodacus cucurbitae (Diptera: Tephritidae), to volatiles emitted from damaged host fruits. Journal of Asia-Pacific Entomology, 2021, 24, 759-763.	0.9	6
7	Evaluation of Locally Isolated Entomopathogenic Fungi against Multiple Life Stages of Bactrocera zonata and Bactrocera dorsalis (Diptera: Tephritidae): Laboratory and Field Study. Microorganisms, 2021, 9, 1791.	3.6	14
8	Contrasting Behavioral and Electrophysiological Responses of Eucryptorrhynchus scrobiculatus and E. brandti (Coleoptera: Curculionidae) to Volatiles Emitted from the Tree of Heaven, Ailanthus altissima. Insects, 2021, 12, 68.	2.2	6
9	Sublethal Effects of Abamectin on the Development, Reproduction, Detoxification Enzyme Activity, and Related Gene Expression of the Oriental Fruit Moth (Lepidoptera: Tortricidae). Journal of Economic Entomology, 2021, 114, 2430-2438.	1.8	7
10	Effects of diluted C oncord grape juice laced with sodium chloride and selected boronâ€containing compounds on attraction, consumption, crop muscle contractions, and mortality of adult Drosophila suzukii M atsumura (D iptera: D rosophilidae). Pest Management Science, 2021, , .	3.4	3
11	Insect-based compost and vermicompost production, quality and performance. Renewable Agriculture and Food Systems, 2020, 35, 102-108.	1.8	4
12	Virulence of Entomopathogenic Fungi to Rhagoletis pomonella (Diptera: Tephritidae) and Interactions With Entomopathogenic Nematodes. Journal of Economic Entomology, 2020, 113, 2627-2633.	1.8	30
13	Ant attendance and arthropod diversity on elderberry extrafloral nectaries are influenced by plant genotype and pruning method. Arthropod-Plant Interactions, 2020, 14, 595-604.	1.1	1
14	The Mayan Tropical Rainforest: An Uncharted Reservoir of Tritrophic Host-Fruit Fly-Parasitoid Interactions. Insects, 2020, 11, 495.	2.2	4
15	Synergistic and additive interactions among components of foodâ€based baits underlie female fruit fly attraction. Entomologia Experimentalis Et Applicata, 2020, 168, 339-348.	1.4	18
16	Toward the Integration of an Attract-and-Kill Approach with Entomopathogenic Nematodes to Control Multiple Life Stages of Plum Curculio (Coleoptera: Curculionidae). Insects, 2020, 11, 375.	2.2	7
17	Potential of entomopathogenic nematodes against the pupal stage of the apple maggot Rhagoletis pomonella (Walsh) (Diptera: Tephritidae). Journal of Nematology, 2020, 52, 1-9.	0.9	12
18	The â€˜Botanical Triadâ€™: The Presence of Insectary Plants Enhances Natural Enemy Abundance on Trap Crop Plants in an Organic Cabbage Agro-Ecosystem. Insects, 2019, 10, 181.	2.2	11

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19	Î²-cyclocitral synergizes the response of adult Drosophila suzukii (Diptera: Drosophilidae) to fruit juices and isoamyl acetate in a sex-dependent manner. Scientific Reports, 2019, 9, 10574.	3.3	17
20	Electrophysiological and Behavioral Responses of Drosophila suzukii (Diptera: Drosophilidae) Towards the Leaf Volatile Î²-cyclocitral and Selected Fruit-Ripening Volatiles. Environmental Entomology, 2019, 48, 1049-1055.	1.4	23
21	Host status of â€˜Scifreshâ€™ apples to the invasive fruit fly species Bactrocera dorsalis, Zeugodacus cucurbitae, and Ceratitis capitata (Diptera: Tephritidae). Journal of Asia-Pacific Entomology, 2019, 22, 458-470.	0.9	5
22	A Comparative Assessment of the Response of Two Species of Cucumber Beetles (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Entomology, 2018, 111, 1439-1445.	1.8	4
23	Mass trapping designs for organic control of the Japanese beetle, Popillia japonica (Coleoptera:) Tj ETQq1 1 0.784314 rgBT /Over	3.4	13
24	Effect of Physiological State on Female Melon Fly (Diptera: Tephritidae) Attraction to Host and Food Odor in the Field. Journal of Economic Entomology, 2018, 111, 1318-1322.	1.8	9
25	Building IPM Capacity in Missouri Through Train-the-Trainer Workshops and Effective Partnerships. Journal of Integrated Pest Management, 2018, 9, .	2.0	2
26	Farming Practices, Knowledge, and Use of Integrated Pest Management by Commercial Fruit and Vegetable Growers in Missouri. Journal of Integrated Pest Management, 2018, 9, .	2.0	9
27	Attraction ofBactrocera cucurbitaeandBactrocera dorsalis(Diptera: Tephritidae) to Beer Waste and Other Protein Sources Laced with Ammonium Acetate. Florida Entomologist, 2017, 100, 70-76.	0.5	17
28	Vision-mediated exploitation of a novel host plant by a tephritid fruit fly. PLoS ONE, 2017, 12, e0174636.	2.5	16
29	Regional Susceptibilities ofRhopalosiphum padi(Hemiptera: Aphididae) to Ten Insecticides. Florida Entomologist, 2016, 99, 269-275.	0.5	36
30	Sublethal Effects of Indoxacarb and Beta-Cypermethrin onRhopalosiphum padi(Hemiptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.5	17
31	Area-Wide Management of Fruit Flies (Diptera: Tephritidae) in Hawaii. , 2016, , 673-693.		13
32	Synergistic / additive interactions among components of food-based baits underlie female attraction in three invasive fruit fly species. , 2016, , .		0
33	An Overview of Pest Species of Bactrocera Fruit Flies (Diptera: Tephritidae) and the Integration of Biopesticides with Other Biological Approaches for Their Management with a Focus on the Pacific Region. Insects, 2015, 6, 297-318.	2.2	236
34	Ammonium Acetate Enhances the Attractiveness of a Variety of Protein-Based Baits to Female Ceratitis capitata (Diptera: Tephritidae). Journal of Economic Entomology, 2015, 108, 694-700.	1.8	23
35	Recent Developments and Applications of Bait Stations for Integrated Pest Management of Tephritid Fruit Flies. , 2014, , 457-492.		9
36	Use of Pheromones in Insect Pest Management, with Special Attention to Weevil Pheromones. , 2014, , 141-168.		43

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37	Male Annihilation, Past, Present, and Future. , 2014, , 493-511.		27
38	Interactions Between Tephritid Fruit Fly Physiological State and Stimuli from Baits and Traps: Looking for the Pied Piper of Hamelin to Lure Pestiferous Fruit Flies. , 2014, , 145-172.		22
39	Annona liebmannianaandA. cherimolaxA. reticulata(Magnoliales: Annonaceae): Two New Host Plant Species ofAnastrepha ludens(Diptera: Tephritidae) in Mexico. Florida Entomologist, 2013, 96, 232-234.	0.5	2
40	Residual Attractiveness of a Spinosad-Containing Protein-Based Bait Aged Under Variable Conditions toBactrocera dorsalisandB. cucurbitae(Diptera: Tephritidae) Wild Females in Hawaii. Florida Entomologist, 2013, 96, 1077-1083.	0.5	5
41	Integration of Insecticidal, Phagostimulatory, and Visual Elements of an Attract and Kill System for Apple Maggot Fly (Diptera: Tephritidae). Journal of Economic Entomology, 2012, 105, 1548-1556.	1.8	21
42	Morphological Features of the Ovaries During Oogenesis of the Oriental Fruit Fly,Bactrocera dorsalis, in Relation to the Physiological State. Journal of Insect Science, 2012, 12, 1-12.	0.9	13
43	Population dynamics of three Bactrocera spp. fruit flies (Diptera: Tephritidae) and two introduced natural enemies, Fopius arisanus (Sonan) and Diachasmimorpha longicaudata (Ashmead) (Hymenoptera:) Tj ETQq1 1 0.784314 rgBT /O 199-206.	3.0	34
44	Effectiveness of Odor-Baited Trap Trees for Plum Curculio (Coleoptera: Curculionidae) Monitoring in Commercial Apple Orchards in the Northeast. Journal of Economic Entomology, 2011, 104, 1613-1621.	1.8	17
45	Evaluation of Cue-Lure and Methyl Eugenol Solid Lure and Insecticide Dispensers for Fruit Fly (Diptera: Tephritidae) Monitoring and Control in Tahiti. Florida Entomologist, 2011, 94, 510-516.	0.5	29
46	Response of Female Ceratitis capitata (Diptera: Tephritidae) to a Spinosad Bait and Polymer Matrix Mixture With Extended Residual Effect in Hawaii. Journal of Economic Entomology, 2011, 104, 1856-1863.	1.8	8
47	A comparative assessment of the response of three fruit fly species (Diptera: Tephritidae) to a spinosad-based bait: effect of ammonium acetate, female age, and protein hunger. Bulletin of Entomological Research, 2011, 101, 373-381.	1.0	32
48	Evaluation of Methyl Eugenol and Cue-Lure Traps With Solid Lure and Insecticide Dispensers for Fruit Fly Monitoring and Male Annihilation in the Hawaii Areawide Pest Management Program. Journal of Economic Entomology, 2010, 103, 409-415.	1.8	55
49	Area-Wide Suppression of the Mediterranean Fruit Fly,Ceratitis capitata,and the Oriental Fruit Fly,Bactrocera dorsalis, in Kamuela, Hawaii. Journal of Insect Science, 2010, 10, 1-17.	1.5	54
50	Response of Melon Fly (Diptera: Tephritidae) to Weathered SPLAT-Spinosad-Cue-Lure. Journal of Economic Entomology, 2010, 103, 1594-1602.	1.8	18
51	Recent Advances in Methyl Eugenol and Cue-Lure Technologies for Fruit Fly Detection, Monitoring, and Control in Hawaii. Vitamins and Hormones, 2010, 83, 575-595.	1.7	51
52	Comparison of Rain-Fast Bait Stations Versus Foliar Bait Sprays for Control of Oriental Fruit Fly,Bactrocera dorsalis, in Papaya Orchards in Hawaii. Journal of Insect Science, 2010, 10, 1-13.	1.5	16
53	Captures in Methyl Eugenol and Cue-Lure Detection Traps With and Without Insecticides and With a Farma Tech Solid Lure and Insecticide Dispenser. Journal of Economic Entomology, 2009, 102, 552-557.	1.8	27
54	Managing Oriental Fruit Fly (Diptera: Tephritidae), With Spinosad-Based Protein Bait Sprays and Sanitation in Papaya Orchards in Hawaii. Journal of Economic Entomology, 2009, 102, 1123-1132.	1.8	79

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55	Response of female oriental fruit moth to volatiles from apple and peach trees at three phenological stages. Entomologia Experimentalis Et Applicata, 2009, 131, 67-74.	1.4	70
56	Attraction and mortality of oriental fruit flies to SPLATâ€MATâ€methyl eugenol with spinosad^{â€}. Entomologia Experimentalis Et Applicata, 2009, 131, 286-293.	1.4	41
57	Novel bait stations for attractâ€andâ€kill of pestiferous fruit flies. Entomologia Experimentalis Et Applicata, 2009, 133, 208-216.	1.4	34
58	Effects of male condition on fitness in two tropical tephritid flies with contrasting life histories. Animal Behaviour, 2008, 76, 1997-2009.	1.9	41
59	Synergistic behavioral responses of female oriental fruit moths (Lepidoptera:Tortricidae) to synthetic host plant-derived mixtures are mirrored by odor-evoked calcium activity in their antennal lobes. Journal of Insect Physiology, 2008, 54, 333-343.	2.0	59
60	Evaluation of SPLAT with Spinosad and Methyl Eugenol or Cue-Lure for â€œAttract-and-Killâ€•of Oriental and Melon Fruit Flies (Diptera: Tephritidae) in Hawaii. Journal of Economic Entomology, 2008, 101, 759-768.	1.8	42
61	Odor-Baited Trap Trees: A Novel Management Tool for Plum Curculio (Coleoptera: Curculionidae). Journal of Economic Entomology, 2008, 101, 1302-1309.	1.8	39
62	Evaluation of SPLAT with Spinosad and Methyl Eugenol or Cue-Lure for â€œAttract-and-Killâ€•of Oriental and Melon Fruit Flies (Diptera: Tephritidae) in Hawaii. Journal of Economic Entomology, 2008, 101, 759-768.	1.8	9
63	Odor-Baited Trap Trees: A Novel Management Tool for Plum Curculio (Coleoptera: Curculionidae). Journal of Economic Entomology, 2008, 101, 1302-1309.	1.8	17
64	Synergism between aromatic compounds and green leaf volatiles derived from the host plant underlies female attraction in the oriental fruit moth. Entomologia Experimentalis Et Applicata, 2007, 125, 185-194.	1.4	107
65	Response of female melon fly, Bactrocera cucurbitae, to host-associated visual and olfactory stimuli. Entomologia Experimentalis Et Applicata, 2006, 121, 261-269.	1.4	66
66	Effectiveness of Protein Baits on Melon Fly and Oriental Fruit Fly (Diptera: Tephritidae): Attraction and Feeding. Journal of Economic Entomology, 2006, 99, 1161-1167.	1.8	33
67	Temporal Dynamics of Plum Curculio,Conotrachelus nenuphar(Herbst.) (Coleoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 2006, 35, 413-422.	1.4	14
68	Effectiveness of Protein Baits on Melon Fly and Oriental Fruit Fly (Diptera: Tephritidae): Attraction and Feeding. Journal of Economic Entomology, 2006, 99, 1161-1167.	1.8	20
69	Spatial and Temporal Within-Canopy Distribution of Egglaying by Plum Curculios (Coleoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.3	0
70	Novel Analysis of Spatial and Temporal Patterns of Resource Use in a Group of Tephritid Flies of the Genus <I>Anastrepha</I>. Annals of the Entomological Society of America, 2004, 97, 504-512.	2.5	24
71	HOW EFFECTIVE IS GF-120 FRUIT FLY BAIT SPRAY APPLIED TO BORDER AREA SORGHUM PLANTS FOR CONTROL OF MELON FLIES (DIPTERA: TEPHRITIDAE)?. Florida Entomologist, 2004, 87, 354-360.	0.5	58
72	Local Enhancement of Alighting in the Melon Fly, Bactrocera cucurbitae: Effect of Olfactory, Visual, and Acoustical Stimuli. Journal of Insect Behavior, 2004, 17, 493-510.	0.7	8

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73	Using Odor-Baited Trap Trees as Sentinels to Monitor Plum Curculio (Coleoptera: Curculionidae) in Apple Orchards. Journal of Economic Entomology, 2004, 97, 511-517.	1.8	29
74	Using Odor-Baited Trap Trees as Sentinels to Monitor Plum Curculio (Coleoptera: Curculionidae) in Apple Orchards. Journal of Economic Entomology, 2004, 97, 511-517.	1.8	4
75	Field Evaluation of Plant Odor and Pheromonal Combinations for Attracting Plum Curculios. Journal of Chemical Ecology, 2003, 29, 2735-2748.	1.8	57
76	Effectiveness of GF-120 Fruit Fly Bait Spray Applied to Border Area Plants for Control of Melon Flies (Diptera: Tephritidae). Journal of Economic Entomology, 2003, 96, 1485-1493.	1.8	121
77	Odor-Baited Trap Trees: A New Approach to Monitoring Plum Curculio (Coleoptera: Curculionidae). Journal of Economic Entomology, 2003, 96, 826-834.	1.8	40
78	Effectiveness of GF-120 Fruit Fly Bait Spray Applied to Border Area Plants for Control of Melon Flies (Diptera: Tephritidae). Journal of Economic Entomology, 2003, 96, 1485-1493.	1.8	75
79	Nonhost status of Citrus sinensis cultivar valencia and C. paradisi cultivar ruby red to Mexican Anastrepha fraterculus (Diptera: Tephritidae). Journal of Economic Entomology, 2003, 96, 1693-703.	1.8	9
80	Human urine and chicken feces as fruit fly (Diptera: Tephritidae) attractants for resource-poor fruit growers. Journal of Economic Entomology, 2003, 96, 334-40.	1.8	4
81	Basic Behavior of <I>Rhagoletis turpiniae</I> (Diptera: Tephritidae) with Comparative Notes on the Sexual Behavior of <I>Rhagoletis pomonella</I> and <I>Rhagoletis zoqui</I>. Annals of the Entomological Society of America, 2001, 94, 268-274.	2.5	18
82	Response of Plum Curculio (Coleoptera: Curculionidae) to Odor-Baited Traps Near Woods. Journal of Economic Entomology, 2001, 94, 1386-1397.	1.8	36
83	The Distributions of Parasitoids (Hymenoptera) of Anastrepha Fruit Flies (Diptera: Tephritidae) along an Altitudinal Gradient in Veracruz, Mexico. Biological Control, 2000, 18, 258-269.	3.0	100
84	Habitat Manipulation to Reduce Papaya Fruit Fly (Diptera: Tephritidae) Damage: Orchard Design, Use of Trap Crops and Border Trapping. Journal of Economic Entomology, 1997, 90, 1567-1576.	1.8	50
85	Daily Activity Patterns and within-Field Distribution of Papaya Fruit Flies (Diptera: Tephritidae) in Morelos and Veracruz, Mexico. Annals of the Entomological Society of America, 1997, 90, 505-520.	2.5	33