

Martín Ramón Aluja Schuneman Hof

List of Publications by Year in descending order

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204
papers

7,617
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50276

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204
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204
docs citations

204
times ranked

2953
citing authors

#	ARTICLE	IF	CITATIONS
1	Bionomics and Management of Anastrepha. Annual Review of Entomology, 1994, 39, 155-178.	11.8	350
2	Allopatric genetic origins for sympatric host-plant shifts and race formation in Rhagoletis. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 10314-10319.	7.1	314
3	Fruit Fly (Diptera: Tephritidae) Host Status Determination: Critical Conceptual, Methodological, and Regulatory Considerations. Annual Review of Entomology, 2008, 53, 473-502.	11.8	306
4	Title is missing!. Integrated Pest Management Reviews, 2000, 5, 81-107.	0.1	263
5	Mayr, Dobzhansky, and Bush and the complexities of sympatric speciation in Rhagoletis. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 6573-6580.	7.1	198
6	Hymenopterous Larval Pupal and Pupal Parasitoids of Anastrepha Flies (Diptera: Tephritidae) in Mexico. Biological Control, 1999, 15, 119-129.	3.0	150
7	Biological Control of Anastrepha spp. (Diptera: Tephritidae) in Mango Orchards through Augmentative Releases of Diachasmimorpha longicaudata (Ashmead) (Hymenoptera: Braconidae). Biological Control, 2000, 18, 216-224.	3.0	143
8	Seasonal Population Fluctuations and Ecological Implications for Management of Anastrepha Fruit Flies (Diptera: Tephritidae) in Commercial Mango Orchards in Southern Mexico. Journal of Economic Entomology, 1996, 89, 654-667.	1.8	132
9	Title is missing!. Journal of Insect Behavior, 2001, 14, 759-775.	0.7	117
10	Host odor and visual stimulus interaction during intratree host finding behavior of Rhagoletis pomonella flies. Journal of Chemical Ecology, 1993, 19, 2671-2696.	1.8	113
11	Habitat Use by Adults of Anastrepha obliqua (Diptera: Tephritidae) in a Mixed Mango and Tropical Plum Orchard. Annals of the Entomological Society of America, 1993, 86, 799-812.	2.5	110
12	Host Species and Host Plant Effects on Preference and Performance of Diachasmimorpha longicaudata (Hymenoptera: Braconidae). Environmental Entomology, 2000, 29, 87-94.	1.4	110
13	Spatial and Temporal Distributions of Parasitoids of Mexican Anastrepha Species (Diptera: Tephritidae) within the Canopies of Fruit Trees. Annals of the Entomological Society of America, 1997, 90, 604-618.	2.5	107
14	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
15	Functional Response and Superparasitism by Diachasmimorpha longicaudata (Hymenoptera: Braconidae), a Parasitoid of Fruit Flies (Diptera: Tephritidae). Annals of the Entomological Society of America, 2000, 93, 47-54.	2.5	90
16	Ovipositor Length in a Guild of Parasitoids (Hymenoptera: Braconidae) Attacking Anastrepha spp. Fruit Flies (Diptera: Tephritidae) in Southern Mexico. Annals of the Entomological Society of America, 2001, 94, 886-895.	2.5	90
17	Fruit Flies of the Genus Anastrepha (Diptera: Tephritidae) and Associated Native Parasitoids (Hymenoptera) in the Tropical Rainforest Biosphere Reserve of Montes Azules, Chiapas, Mexico. Environmental Entomology, 2003, 32, 1377-1385.	1.4	86
18	Colonization and domestication of seven species of native New World hymenopterous larval-prepupal and pupal fruit fly (Diptera: Tephritidae) parasitoids. Biocontrol Science and Technology, 2009, 19, 49-79.	1.3	80

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19	Male and female condition influence mating performance and sexual receptivity in two tropical fruit flies (Diptera: Tephritidae) with contrasting life histories. <i>Journal of Insect Physiology</i> , 2009, 55, 1091-1098.	2.0	74
20	Impact of adult diet on demographic and population parameters of the tropical fruit fly <i>Anastrepha serpentina</i> (Diptera: Tephritidae). <i>Bulletin of Entomological Research</i> , 1999, 89, 165-175.	1.0	71
21	The influence of adult diet and age on lipid reserves in the tropical fruit fly <i>Anastrepha serpentina</i> (Diptera: Tephritidae). <i>Journal of Insect Physiology</i> , 1995, 41, 1079-1086.	2.0	70
22	Indigenous parasitoids (Hymenoptera) attacking <i>Anastrepha fraterculus</i> and <i>Ceratitis capitata</i> (Diptera: Tephritidae) in native and exotic host plants in Northwestern Argentina. <i>Biological Control</i> , 2004, 29, 43-57.	3.0	70
23	Foraging behavior by six fruit fly parasitoids (Hymenoptera: Braconidae) released as single- or multiple-species cohorts in field cages: Influence of fruit location and host density. <i>Biological Control</i> , 2007, 43, 12-22.	3.0	69
24	HAWTHORN-INFESTING POPULATIONS OF RHAGOLETIS POMONELLA IN MEXICO AND SPECIATION MODE PLURALITY. <i>Evolution; International Journal of Organic Evolution</i> , 2007, 61, 1091-1105.	2.3	69
25	Adult Population Fluctuations of <i>Anastrepha</i> Species (Diptera: Tephritidae) in Tropical Orchard Habitats of Chiapas, Mexico. <i>Environmental Entomology</i> , 1995, 24, 861-869.	1.4	67
26	Radiation and divergence in the <i>Rhagoletis pomonella</i> species complex: inferences from DNA sequence data. <i>Journal of Evolutionary Biology</i> , 2008, 21, 900-913.	1.7	67
27	The effects of sterile males and two braconid parasitoids, <i>Fopius arisanus</i> (Sonan) and <i>Diachasmimorpha krausii</i> (Fullaway) (Hymenoptera), on caged populations of Mediterranean fruit flies, <i>Ceratitis capitata</i> (Wied.) (Diptera: Tephritidae) at various sites in Guatemala. <i>Biological Control</i> , 2006, 36, 224-231.	3.0	66
28	Fruit fly (Diptera: Tephritidae) research in Latin America: myths, realities and dreams. <i>Neotropical Entomology</i> , 1999, 28, 565-594.	0.2	65
29	Ecological Evidence for Diapause in Four Native and One Exotic Species of Larval-Pupal Fruit Fly (Diptera: Tephritidae) Parasitoids Tropical Environments. <i>Annals of the Entomological Society of America</i> , 1998, 91, 821-833.	2.5	64
30	Reproductive trade-offs from mating with a successful male: the case of the tephritid fly <i>Anastrepha obliqua</i> . <i>Behavioral Ecology and Sociobiology</i> , 2008, 62, 1333-1340.	1.4	63
31	Understanding Long-Term Fruit Fly (Diptera: Tephritidae) Population Dynamics: Implications for Areawide Management. <i>Journal of Economic Entomology</i> , 2012, 105, 823-836.	1.8	63
32	Resource allocation and compensation during development in holometabolous insects. <i>Journal of Insect Physiology</i> , 2016, 95, 78-88.	2.0	60
33	Host Search behaviour by <i>Rhagoletis pomonella</i> flies: inter-tree movement patterns in response to wind-borne fruit volatiles under field conditions. <i>Physiological Entomology</i> , 1992, 17, 1-8.	1.5	58
34	Clutch size in frugivorous insects as a function of host firmness: the case of the tephritid fly <i>Anastrepha ludens</i> . <i>Ecological Entomology</i> , 2003, 28, 268-277.	2.2	58
35	Developing diagnostic SNP panels for the identification of true fruit flies (Diptera: Tephritidae) within the limits of COI-based species delimitation. <i>BMC Evolutionary Biology</i> , 2013, 13, 106.	3.2	58
36	Basic Patterns of Behavior in Wild <i>Anastrepha striata</i> (Diptera: Tephritidae) Flies under Field-Cage Conditions. <i>Annals of the Entomological Society of America</i> , 1993, 86, 776-793.	2.5	57

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37	Performance of Two Fruit Fly (Diptera: Tephritidae) Pupal Parasitoids (<i>Coptera haywardi</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 507 Different Environmental Soil Conditions. <i>Biological Control</i> , 2002, 23, 219-227.	3.0	57
38	Sperm allocation and cost of mating in a tropical tephritid fruit fly. <i>Journal of Insect Physiology</i> , 2006, 52, 839-845.	2.0	57
39	Native and Introduced Host Plants of <i>Anastrepha fraterculus</i> and <i>Ceratitis capitata</i> (Diptera: Tephritidae) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 507	1.8	56
40	Food sources for adult <i>Diachasmimorpha longicaudata</i> , a parasitoid of tephritid fruit flies: effects on longevity and fecundity. <i>Entomologia Experimentalis Et Applicata</i> , 2006, 118, 193-202.	1.4	54
41	Behavioural plasticity in relation to egg and time limitation: the case of two fly species in the genus <i>Anastrepha</i> (Diptera: Tephritidae). <i>Oikos</i> , 2003, 100, 125-133.	2.7	53
42	Virulence of <i>Metarhizium anisopliae</i> (Deuteromycotina: Hyphomycetes) on <i>Anastrepha ludens</i> (Diptera: Tephritidae): Laboratory and Field Trials. <i>Journal of Economic Entomology</i> , 2000, 93, 1080-1084.	1.8	52
43	The genetic structure of hawthorn-infesting <i>Rhagoletis pomonella</i> populations in Mexico: implications for sympatric host race formation. <i>Molecular Ecology</i> , 2007, 16, 2867-2878.	3.9	52
44	Fruit infesting tephritids [Dipt.: Tephritidae] and associated parasitoids in Chiapas, Mexico. <i>Entomophaga</i> , 1990, 35, 39-48.	0.2	50
45	Habitat Manipulation to Reduce Papaya Fruit Fly (Diptera: Tephritidae) Damage: Orchard Design, Use of Trap Crops and Border Trapping. <i>Journal of Economic Entomology</i> , 1997, 90, 1567-1576.	1.8	50
46	There Is No Magic Fruit Fly Trap: Multiple Biological Factors Influence the Response of Adult <i>Anastrepha ludens</i> and <i>Anastrepha obliqua</i> (Diptera: Tephritidae) Individuals to MultiLure Traps Baited With BioLure or NuLure. <i>Journal of Economic Entomology</i> , 2009, 102, 86-94.	1.8	50
47	The Bionomics of <i>Coptera Haywardi</i> (Ogloblin) (Hymenoptera: Diapriidae) and Other Pupal Parasitoids of Tephritid Fruit Flies (Diptera). <i>Biological Control</i> , 1998, 11, 193-202.	3.0	48
48	Natural Host Plant Survey of the Economically Important Fruit Flies (Diptera: Tephritidae) of Chiapas, Mexico. <i>Florida Entomologist</i> , 1987, 70, 329.	0.5	46
49	Depth of Pupation and Survival of Fruit Fly (<i>Anastrepha</i> spp.: Tephritidae) Pupae in a Range of Agricultural Habitats. <i>Environmental Entomology</i> , 1998, 27, 1310-1314.	1.4	46
50	Pest management through tropical tree conservation. <i>Biodiversity and Conservation</i> , 2014, 23, 831-853.	2.6	46
51	Nonhost Status of <i>Citrus sinensis</i> Cultivar Valencia and <i>C. paradisi</i> Cultivar Ruby Red to Mexican <i>Anastrepha fraterculus</i> (Diptera: Tephritidae). <i>Journal of Economic Entomology</i> , 2003, 96, 1693-1703.	1.8	44
52	Host marking pheromone of <i>Rhagoletis cerasi</i> : Foraging behavior in response to synthetic pheromonal isomers. <i>Journal of Chemical Ecology</i> , 1992, 18, 1299-1311.	1.8	43
53	THE EVOLUTION OF OVIPOSITOR LENGTH IN THE PARASITIC HYMENOPTERA AND THE SEARCH FOR PREDICTABILITY IN BIOLOGICAL CONTROL. <i>Florida Entomologist</i> , 2003, 86, 143-150.	0.5	43
54	Behavior and Predation of Fruit Fly Larvae (<i>Anastrepha</i> spp.) (Diptera: Tephritidae) After Exiting Fruit in Four Types of Habitats in Tropical Veracruz, Mexico. <i>Environmental Entomology</i> , 2005, 34, 1507-1516.	1.4	42

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55	Distribution and Host Range of Hawthorn-Infesting <i>Rhagoletis</i> (Diptera: Tephritidae) in Mexico. <i>Annals of the Entomological Society of America</i> , 2006, 99, 662-672.	2.5	41
56	Effects of male condition on fitness in two tropical tephritid flies with contrasting life histories. <i>Animal Behaviour</i> , 2008, 76, 1997-2009.	1.9	41
57	Susceptibility of 15 Mango (Sapindales: Anacardiaceae) Cultivars to the Attack by <i>Anastrepha ludens</i> and <i>Anastrepha obliqua</i> (Diptera: Tephritidae) and the Role of Underdeveloped Fruit as Pest Reservoirs: Management Implications. <i>Journal of Economic Entomology</i> , 2014, 107, 375-388.	1.8	41
58	Nonhost Status of Commercial <i>Persea americana</i> 'Hass' to <i>Anastrepha ludens</i> , <i>Anastrepha obliqua</i> , <i>Anastrepha serpentina</i> , and <i>Anastrepha striata</i> (Diptera: Tephritidae) in Mexico. <i>Journal of Economic Entomology</i> , 2004, 97, 293-309.	1.8	40
59	Long Aculeus and Behavior of <i>Anastrepha ludens</i> Render Gibberellic Acid Ineffective as an Agent to Reduce 'Ruby Red' Grapefruit Susceptibility to the Attack of This Pestiferous Fruit Fly in Commercial Groves. <i>Journal of Economic Entomology</i> , 2006, 99, 1184-1193.	1.8	39
60	Abundance of <i>Anastrepha fraterculus</i> (Diptera: Tephritidae) and Its Associated Native Parasitoids (Hymenoptera) in 'Feral' Guavas Growing in the Endangered Northernmost Yungas Forests of Argentina with an Update on the Taxonomic Status of Opiine Parasitoids Previously Reported in This Country. <i>Environmental Entomology</i> , 2005, 34, 807-818.	1.4	38
61	Host marking pheromone of <i>Rhagoletis cerasi</i> : field deployment of synthetic pheromone as a novel cherry fruit fly management strategy. <i>Entomologia Experimentalis Et Applicata</i> , 1992, 65, 141-147.	1.4	37
62	Agroecosystem resilience to an invasive insect species that could expand its geographical range in response to global climate change. <i>Agriculture, Ecosystems and Environment</i> , 2014, 186, 54-63.	5.3	37
63	<i>Anastrepha striata</i> (Diptera: Tephritidae) Females That Mate with Virgin Males Live Longer. <i>Annals of the Entomological Society of America</i> , 2004, 97, 1336-1341.	2.5	36
64	A Compound Produced by Fruigivorous Tephritidae (Diptera) Larvae Promotes Oviposition Behavior by the Biological Control Agent <i>Diachasmimorpha longicaudata</i> (Hymenoptera: Braconidae). <i>Environmental Entomology</i> , 2011, 40, 727-736.	1.4	36
65	Endorsing and extending the repertory of nutraceutical and antioxidant sources in mangoes during postharvest shelf life. <i>Food Chemistry</i> , 2019, 285, 119-129.	8.2	35
66	Nonhost Status of <i>Citrus sinensis</i> Cultivar Valencia and <i>C. sinensis</i> , <i>C. sinensis</i> , <i>C. sinensis</i> Cultivar Ruby Red to Mexican <i>Anastrepha fraterculus</i> (Diptera: Tephritidae). <i>Journal of Economic Entomology</i> , 2003, 96, 1693-1703.	1.8	34
67	Enriching early adult environment affects the copulation behaviour of a tephritid fly. <i>Journal of Experimental Biology</i> , 2009, 212, 2120-2127.	1.7	34
68	The Roles of Parasitoid Foraging for Hosts, Food and Mates in the Augmentative Control of Tephritidae. <i>Insects</i> , 2012, 3, 668-691.	2.2	34
69	Daily Activity Patterns and within-Field Distribution of Papaya Fruit Flies (Diptera: Tephritidae) in Morelos and Veracruz, Mexico. <i>Annals of the Entomological Society of America</i> , 1997, 90, 505-520.	2.5	33
70	Phenological Comparison of Two Braconid Parasitoids of the Caribbean Fruit Fly (Diptera: Tephritidae) in Cuba. <i>Journal of Economic Entomology</i> , 2004, 97, 142-147.	1.4	33
71	Effect of continuous rearing on courtship acoustics of five braconid parasitoids, candidates for augmentative biological control of <i>Anastrepha</i> species. <i>BioControl</i> , 2010, 55, 573-582.	2.0	33
72	Filling gaps in our knowledge on the cuticle of mangoes (<i>Mangifera indica</i>) by analyzing six fruit cultivars: Architecture/structure, postharvest physiology and possible resistance to fruit fly (Tephritidae) attack. <i>Postharvest Biology and Technology</i> , 2019, 148, 83-96.	6.0	33

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73	Discrimination by <i>Coptera haywardi</i> (Hymenoptera: Diapriidae) of hosts previously attacked by conspecifics or by the larval parasitoid <i>Diachasmimorpha longicaudata</i> (Hymenoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	1.3	31
74	Title is missing!. Journal of Insect Behavior, 2003, 16, 537-554.	0.7	31
75	Rearing of five hymenopterous larval-prepupal (Braconidae, Figitidae) and three pupal (Diapriidae,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf irradiated <i>A. ludens</i> larvae and pupae. Biocontrol Science and Technology, 2009, 19, 193-209.	1.3	31
76	Demography of <i>Anastrepha ludens</i> , <i>A. obliqua</i> and <i>A. serpentina</i> (Diptera: Tephritidae) in Mexico. Florida Entomologist, 1988, 71, 111.	0.5	30
77	Evolution of intrinsic reproductive isolation among four North American populations of <i>Rhagoletis pomonella</i> (Diptera: Tephritidae). Biological Journal of the Linnean Society, 0, 100, 213-223.	1.6	30
78	Native and Introduced Host Plants of <i>Anastrepha fraterculus</i> and <i>Ceratitis capitata</i> (Diptera: Tephritidae) in Northwestern Argentina. Journal of Economic Entomology, 2003, 96, 1108-1118.	1.8	29
79	A Floral-Derived Compound Attractive to the Tephritid Fruit Fly Parasitoid <i>Diachasmimorpha longicaudata</i> (Hymenoptera: Braconidae). Journal of Chemical Ecology, 2008, 34, 549-557.	1.8	29
80	Inter-specific competition and competition-free space in the tephritid parasitoids <i>Utetes anastrephae</i> and <i>Doryctobracon areolatus</i> (Hymenoptera: Braconidae: Opiinae). Ecological Entomology, 2013, 38, 485-496.	2.2	29
81	Nutritional and non-nutritional food components modulate phenotypic variation but not physiological trade-offs in an insect. Scientific Reports, 2016, 6, 29413.	3.3	29
82	Novel Approach for Tracking and Quantifying the Movement Patterns of Insects in Three Dimensions Under Seminatural Conditions. Environmental Entomology, 1989, 18, 1-7.	1.4	28
83	Biogeography of Braconid Parasitoids of the Caribbean Fruit Fly (Diptera: Tephritidae) in Florida. Annals of the Entomological Society of America, 2004, 97, 928-939.	2.5	28
84	Economic and Highly Effective Trap-Lure Combination to Monitor the Mexican Fruit Fly (Diptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.8	28
85	Temporal Diversity and Abundance Patterns of Parasitoids of Fruit-Infesting Tephritidae (Diptera) in the Argentinean Yungas: Implications for Biological Control. Environmental Entomology, 2016, 45, 1184-1198.	1.4	28
86	The Ability of <i>Coptera haywardi</i> (Ogloblin) (Hymenoptera: Diapriidae) to Locate and Attack the Pupae of the Mediterranean Fruit Fly, <i>Ceratitis capitata</i> (Wiedemann) (Diptera: Tephritidae), under Seminatural Conditions. Biological Control, 2002, 23, 213-218.	3.0	27
87	COLONIZATION OF <i>FOPIUS CERATIVORUS</i> , A NEWLY DISCOVERED AFRICAN EGG-PUPAL PARASITOID (HYMENOPTERA: BRACONIDAE) OF <i>CERATITIS CAPITATA</i> (DIPTERA: TEPHRITIDAE). Florida Entomologist, 2003, 86, 53-60.	0.5	27
88	Nonhost Status of Commercial <i>Persea americana</i> Hass™ to <i>Anastrepha ludens</i> , <i>Anastrepha obliqua</i> , <i>Anastrepha serpentina</i> , and <i>Anastrepha striata</i> (Diptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.8	27
89	Coping with an unpredictable and stressful environment: The life history and metabolic response to variable food and host availability in a polyphagous tephritid fly. Journal of Insect Physiology, 2011, 57, 1592-1601.	2.0	27
90	Oviposition deterring pheromone in <i>Rhagoletis cerasil</i> .. Journal of Applied Entomology, 1992, 113, 113-119.	1.8	26

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91	Random Mating among <i>Anastrepha ludens</i> (Diptera: Tephritidae) Adults of Geographically Distant and Ecologically Distinct Populations in Mexico. <i>Bulletin of Entomological Research</i> , 2009, 99, 207-214.	1.0	26
92	Is the alpine divide becoming more permeable to biological invasions? Insights on the invasion and establishment of the Walnut Husk Fly, <i>Rhagoletis completa</i> (Diptera: Tephritidae) in Switzerland. <i>Bulletin of Entomological Research</i> , 2011, 101, 451-465.	1.0	26
93	Wind tunnel assays of olfactory responses of female <i>Rhagoletis pomonella</i> flies to apple volatiles: effect of wind speed and odour release rate. <i>Entomologia Experimentalis Et Applicata</i> , 1993, 68, 99-108.	1.4	25
94	USE OF HOST FRUIT CHEMICAL CUES FOR LABORATORY REARING OF <i>DORYCTOBRACON AREOLATUS</i> (HYMENOPTERA: BRACONIDAE), A PARASITOID OF <i>ANASTREPHA</i> SPP. (DIPTERA: TEPHRITIDAE). <i>Florida Entomologist</i> , 2003, 86, 211-216.	0.5	25
95	Foraging Behavior of <i>Anastrepha Ludens</i> , <i>A. obliqua</i> , and <i>A. serpentina</i> in Response to Feces Extracts Containing Host Marking Pheromone. <i>Journal of Chemical Ecology</i> , 2006, 32, 367-389.	1.8	25
96	Latitudinal Variation in Parasitoid Guild Composition and Parasitism Rates of North American Hawthorn Infesting <i>Rhagoletis</i> . <i>Environmental Entomology</i> , 2009, 38, 588-599.	1.4	25
97	Larval feeding substrate and species significantly influence the effect of a juvenile hormone analog on sexual development/performance in four tropical tephritid flies. <i>Journal of Insect Physiology</i> , 2009, 55, 231-242.	2.0	25

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109	Do mothers really know best? Complexities in testing the preference-performance hypothesis in polyphagous frugivorous fruit flies. <i>Bulletin of Entomological Research</i> , 2018, 108, 674-684.	1.0	23
110	Post-alighting responses of Mexican fruit flies (Dipt., Tephritidae) to different insecticides in paint on attractive spheres. <i>Journal of Applied Entomology</i> , 2000, 124, 239-244.	1.8	22
111	Comparison of the Host Searching and Oviposition Behaviors of the Tephritid (Diptera) Parasitoids <i>Aganaspis pelleranoi</i> and <i>Odontosema anastrephae</i> (Hymenoptera: Figitidae, Eucolilinae). <i>Journal of Insect Behavior</i> , 2009, 22, 423-451.	0.7	22
112	Hybridization and sequential components of reproductive isolation between parapatric walnut-infesting sister species <i>Rhagoletis completa</i> and <i>Rhagoletis zozoi</i> . <i>Biological Journal of the Linnean Society</i> , 2012, 107, 886-898.	1.6	22
113	Are individuals from thelytokous and arrhenotokous populations equally adept as biocontrol agents? Orientation and host searching behavior of a fruit fly parasitoid. <i>BioControl</i> , 2012, 57, 427-440.	2.0	22
114	Intrinsic Competition and Competitor-Free-Space Influence the Coexistence of Parasitoids (Hymenoptera: Braconidae: Opiinae) of Neotropical Tephritidae (Diptera). <i>Environmental Entomology</i> , 2013, 42, 717-723.	1.4	22
115	Identification of Chemicals Emitted by Calling Males of the Sapote Fruit Fly, <i>Anastrepha serpentina</i> . <i>Journal of Chemical Ecology</i> , 2009, 35, 601-609.	1.8	21
116	Influence of walnut cultivar on infestation by <i>Rhagoletis completa</i> : behavioural and management implications. <i>Entomologia Experimentalis Et Applicata</i> , 2011, 140, 207-217.	1.4	21
117	Effect of host diet and adult parasitoid diet on egg load dynamics and egg size of braconid parasitoids attacking <i>Anastrepha ludens</i> . <i>Physiological Entomology</i> , 2012, 37, 177-184.	1.5	21
118	Effect of Host Plant Chemistry on Genetic Differentiation and Reduction of Gene Flow Among <i>Anastrepha fraterculus</i> (Diptera: Tephritidae) Populations Exploiting Sympatric, Synchronic Hosts. <i>Environmental Entomology</i> , 2013, 42, 790-798.	1.4	21
119	The Effect of Seasonal Humidity on Survival and Duration of Dormancy on Diverging Mexican <i>Rhagoletis pomonella</i> (Diptera: Tephritidae) Populations Inhabiting Different Environments. <i>Environmental Entomology</i> , 2019, 48, 1121-1128.	1.4	21
120	Human Urine and Chicken Feces as Fruit Fly (Diptera: Tephritidae) Attractants for Resource-Poor Fruit Growers. <i>Journal of Economic Entomology</i> , 2003, 96, 334-340.	1.8	20
121	Long Aculeus and Behavior of <i>Anastrepha ludens</i> Render Gibberellic Acid Ineffective as an Agent to Reduce "Ruby Red" Grapefruit Susceptibility to the Attack of This Pestiferous Fruit Fly in Commercial Groves. <i>Journal of Economic Entomology</i> , 2006, 99, 1184-1193.	1.8	20
122	Temporal dynamics of host-marking in the tropical tephritid fly, <i>Anastrepha ludens</i> . <i>Physiological Entomology</i> , 1993, 18, 279-284.	1.5	19
123	The geometry of search movements of insects in plant canopies. <i>Behavioral Ecology</i> , 1997, 8, 37-45.	2.2	19
124	Application of Feces Extracts and Synthetic Analogues of the Host Marking Pheromone of <i>Anastrepha ludens</i> ; Significantly Reduces Fruit Infestation by <i>A. obliqua</i> in Tropical Plum and Mango Backyard Orchards. <i>Journal of Economic Entomology</i> , 2009, 102, 2268-2278.	1.8	19
125	Effect of larval host food substrate on egg load dynamics, egg size and adult female size in four species of braconid fruit fly (Diptera: Tephritidae) parasitoids. <i>Journal of Insect Physiology</i> , 2011, 57, 1471-1479.	2.0	19
126	Distribution, host plant affiliation, phenology, and phylogeny of walnut-infesting <i>Rhagoletis</i> flies (Diptera: Tephritidae) in Mexico. <i>Biological Journal of the Linnean Society</i> , 2013, 110, 765-779.	1.6	19

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127	Niche breadth and interspecific competition between <i>Doryctobracon crawfordi</i> and <i>Diachasmimorpha longicaudata</i> (Hymenoptera: Braconidae), native and introduced parasitoids of <i>Anastrepha</i> spp. fruit flies (Diptera: Tephritidae). <i>Biological Control</i> , 2015, 82, 86-95.	3.0	19
128	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> . <i>Annals of the Entomological Society of America</i> , 2001, 94, 268-274.	2.5	18
129	Divergence and evolution of reproductive barriers among three allopatric populations of <i>Rhagoletis cingulata</i> across eastern North America and Mexico. <i>Entomologia Experimentalis Et Applicata</i> , 2015, 156, 301-311.	1.4	18
130	A Survey of the Economically Important Fruit Flies (Diptera: Tephritidae) Present in Chiapas and a Few Other Fruit Growing Regions in Mexico. <i>Florida Entomologist</i> , 1987, 70, 320.	0.5	17
131	The Distributions of the Caribbean Fruit Fly, <i>Anastrepha suspensa</i> (Tephritidae) and Its Parasitoids (Hymenoptera: Braconidae) within the Canopies of Host Trees. <i>Florida Entomologist</i> , 1999, 82, 72.	0.5	17
132	Survival analysis and demographic parameters of the pupal parasitoid <i>Coptera haywardi</i> (Hymenoptera: Tetracampidae) on <i>Anastrepha ludens</i> (Diptera: Tephritidae). <i>Journal of Economic Entomology</i> , 2010, 93, 100-107.	3.0	17
133	Improved Pheromone-Based Trapping Systems to Monitor <i>Toxotrypana curvicauda</i> (Diptera: Tephritidae). <i>Journal of Economic Entomology</i> , 2011, 94, 107-114.	0.55	16
134	Development of <i>Coptera haywardi</i> (Hymenoptera: Diapriidae) in Irradiated and Unirradiated Pupae of the Caribbean Fruit Fly and the Mediterranean Fruit Fly (Diptera: Tephritidae). <i>Florida Entomologist</i> , 1998, 81, 567.	0.5	16
135	Two Low-Cost Food Attractants for Capturing <i>Toxotrypana curvicauda</i> (Diptera: Tephritidae) in the Field. <i>Journal of Economic Entomology</i> , 2004, 97, 310-315.	1.8	15
136	Sex Pheromone Investigation of <i>Anastrepha serpentina</i> (Diptera: Tephritidae). <i>Annals of the Entomological Society of America</i> , 2009, 102, 560-566.	2.5	15
137	Host Marking Pheromone (HMP) in the Mexican Fruit Fly <i>Anastrepha ludens</i> . <i>Chimia</i> , 2010, 64, 37.	0.6	15
138	Distribution and Basic Biology of Black Cherry-Infesting <i>Rhagoletis</i> (Diptera: Tephritidae) in Mexico. <i>Annals of the Entomological Society of America</i> , 2011, 104, 202-211.	2.5	15
139	Comparative demography of three neotropical larval-prepupal parasitoid species associated with <i>Anastrepha fraterculus</i> (Diptera: Tephritidae). <i>Biological Control</i> , 2014, 69, 8-17.	3.0	15
140	Agar and Carrageenan as Cost-Effective Gelling Agents in Yeast-Reduced Artificial Diets for Mass-Rearing Fruit Flies and Their Parasitoids. <i>Insects</i> , 2020, 11, 131.	2.2	15
141	A new species of <i>Anastrepha</i> (Diptera: Tephritidae) from <i>Euphorbia</i> and <i>tehuacana</i> (Euphorbiaceae) in Mexico. <i>Zootaxa</i> , 2014, 3780, 567.	0.5	14
142	Mixture-Amount Design and Response Surface Modeling to Assess the Effects of Flavonoids and Phenolic Acids on Developmental Performance of <i>Anastrepha ludens</i> . <i>Journal of Chemical Ecology</i> , 2014, 40, 297-306.	1.8	14
143	Parasitism by <i>Coptera haywardi</i> and <i>Diachasmimorpha longicaudata</i> on <i>Anastrepha</i> flies with different fruits under laboratory and field cage conditions. <i>BioControl</i> , 2014, 59, 287-295.	2.0	14
144	The effect of winter length on survival and duration of dormancy of four sympatric species of <i>Rhagoletis</i> exploiting plants with different fruiting phenology. <i>Bulletin of Entomological Research</i> , 2016, 106, 818-826.	1.0	14

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145	FIRST REPORT OF JUGLANS AUSTRALIS (JUGLANDACEAE) AS A NATURAL HOST PLANT FOR ANASTREPHA SCHULTZI (DIPTERA: TEPHRITIDAE) WITH NOTES ON PROBABLE PARASITISM BY DORYCTOBRACON AREOLATUS, D. BRASILIENSIS, OPIUS BELLUS (BRACONIDAE) AND AGANASPIS PELLERANOI (FIGITIDAE). Florida Entomologist, 2004, 87, 597-599.	0.5	13
146	Longevity of multiple species of tephritid (Diptera) fruit fly parasitoids (Hymenoptera: Braconidae: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1463-1470.	2.0	13
147	Basic Biology and Host Use Patterns of Tephritid Flies (Phytalmiinae: Acanthonevrini, Dacinae: Tj ETQq1 1 0.784314 rgBT /Overlock 1 America, 2014, 107, 184-203.	2.5	13
148	Sexual Competitiveness of Anastrepha ludens (Diptera: Tephritidae) Males Exposed to Citrus aurantium and Citrus paradisi Essential Oils. Journal of Economic Entomology, 2015, 108, 621-628.	1.8	13
149	Occurrence of diapause in neotropical parasitoids attacking <i>Anastrepha fraterculus</i> (Diptera: Tephritidae) in a subtropical rainforest from Argentina. Austral Entomology, 2016, 55, 274-283.	1.4	13
150	Combined effect of larval and pupal parasitoid use for <i>Anastrepha fraterculus</i> (Diptera: Tephritidae) control. Biological Control, 2016, 95, 94-102.	3.0	13
151	Topics in the Evolution of Sexual Behavior in the Tephritidae. , 1999, , 751-792.		13
152	Geographic and Ecological Dimensions of Host Plant-Associated Genetic Differentiation and Speciation in the <i>Rhagoletis cingulata</i> (Diptera: Tephritidae) Sibling Species Group. Insects, 2019, 10, 275.	2.2	12
153	Evolution of Fruit Fly Oviposition Behavior. , 1999, , 811-849.		12
154	Experimental hybridization and reproductive isolation between two sympatric species of tephritid fruit flies in the <i>Anastrepha fraterculus</i> species group. Insect Science, 2018, 25, 1045-1055.	3.0	11
155	Dynamics of soluble sugars and secondary metabolites in fruit of <i>Juglans australis</i> attacked by <i>Anastrepha fraterculus</i> and <i>Ceratitis capitata</i> (Diptera: Tephritidae). Arthropod-Plant Interactions, 2019, 13, 411-421.	1.1	11
156	Mediterranean Fruit Fly <i>Ceratitis capitata</i> : Behavior in Nature in Relation to Different Jackson Traps. Florida Entomologist, 1988, 71, 154.	0.5	10
157	Alternative Mating Tactics as Potential Prezygotic Barriers to Gene Flow Between Two Sister Species of Frugivorous Fruit Flies. Journal of Insect Behavior, 2013, 26, 708-720.	0.7	10
158	Effect of Resin Ducts and Sap Content on Infestation and Development of Immature Stages of <i>Anastrepha obliqua</i> and <i>Anastrepha ludens</i> (Diptera: Tephritidae) in Four Mango (Sapindales: Anacardiaceae) Cultivars. Journal of Economic Entomology, 2017, 110, tow279.	1.8	10
159	Genetic Variation in <i>Anastrepha obliqua</i> (Diptera: Tephritidae) in a Highly Diverse Tropical Environment in the Mexican State of Veracruz. Journal of Economic Entomology, 2019, 112, 2952-2965.	1.8	10
160	Metagenomic Survey of the Highly Polyphagous <i>Anastrepha ludens</i> Developing in Ancestral and Exotic Hosts Reveals the Lack of a Stable Microbiota in Larvae and the Strong Influence of Metamorphosis on Adult Gut Microbiota. Frontiers in Microbiology, 2021, 12, 685937.	3.5	10
161	Unusual Calling Behavior of <i>Anastrepha robusta</i> Flies (Diptera: Tephritidae) in Nature. Florida Entomologist, 1993, 76, 391.	0.5	9
162	Title is missing!. Journal of Insect Behavior, 2002, 15, 139-151.	0.7	9

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163	Human Urine and Chicken Feces as Fruit Fly (Diptera: Tephritidae) Attractants for Resource-Poor Fruit Growers. <i>Journal of Economic Entomology</i> , 2003, 96, 334-340.	1.8	9
164	Limits to the host range of the highly polyphagous tephritid fruit fly <i>Anastrepha ludens</i> in its natural habitat. <i>Bulletin of Entomological Research</i> , 2015, 105, 743-753.	1.0	9
165	A First Glimpse of the Mexican Fruit Fly <i>Anastrepha ludens</i> (Diptera: Tephritidae) Antenna Morphology and Proteome in Response to a Proteinaceous Attractant. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8086.	4.1	9
166	Host Plant and Antibiotic Effects on Scent Bouquet Composition of <i>Anastrepha ludens</i> and <i>Anastrepha obliqua</i> Calling Males, Two Polyphagous Tephritid Pests. <i>Insects</i> , 2020, 11, 309.	2.2	9
167	Nonhost status of <i>Citrus sinensis</i> cultivar valencia and <i>C. paradisi</i> cultivar ruby red to Mexican <i>Anastrepha fraterculus</i> (Diptera: Tephritidae). <i>Journal of Economic Entomology</i> , 2003, 96, 1693-703.	1.8	9
168	Diet quality and conspecific larval density predict functional trait variation and performance in a polyphagous frugivorous fly. <i>Functional Ecology</i> , 2022, 36, 1163-1176.	3.6	9
169	Effect of Cold Storage on Larval and Adult <i>Anastrepha ludens</i> (Diptera: Tephritidae) Viability in Commercially Ripe, Artificially Infested <i>Persea americana</i> "Hass"™. <i>Journal of Economic Entomology</i> , 2010, 103, 2000-2008.	1.8	8
170	Establishment of the West Indian Fruit Fly (Diptera: Tephritidae) Parasitoid <i>Doryctobracon areolatus</i> (Hymenoptera: Braconidae) in the Dominican Republic. <i>Florida Entomologist</i> , 2011, 94, 809-816.	0.5	8
171	Artificial selection, pre-release diet, and gut symbiont inoculation effects on sterile male longevity for area-wide fruit fly management. <i>Entomologia Experimentalis Et Applicata</i> , 2015, 157, 325-333.	1.4	8
172	Relative roles of resource stimulus and vegetation architecture on the paths of flies foraging for fruit. <i>Oikos</i> , 2015, 124, 337-346.	2.7	8
173	Chitosan coatings reduce fruit fly (<i>Anastrepha obliqua</i>) infestation and development of the fungus <i>Colletotrichum gloeosporioides</i> in Manila mangoes. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 2756-2766.	3.5	8
174	Testing the potential contribution of <i>Wolbachia</i> to speciation when cytoplasmic incompatibility becomes associated with host-related reproductive isolation. <i>Molecular Ecology</i> , 2022, 31, 2935-2950.	3.9	8
175	Consideration of <i>Eurytoma sivinskii</i> Gates and Grissell, a eurytomid (Hymenoptera) with unusual foraging behaviors, as a biological control agent of tephritid (Diptera) fruit flies. <i>Biological Control</i> , 2010, 53, 9-17.	3.0	6
176	Interplay between foraging behaviour, adult density and fruit ripeness determines the effectiveness of gibberellic acid and host-marking pheromone in reducing susceptibility of grapefruit to infestation by the Mexican fruit-fly, <i>Anastrepha ludens</i> . <i>International Journal of Pest Management</i> , 2011, 57, 321-328.	1.8	6
177	Responses of Multiple Species of Tephritid (Diptera) Fruit Fly Parasitoids (Hymenoptera: Braconidae: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	0.5	6
178	The Effect of Winter Length on Duration of Dormancy and Survival of <i>Rhagoletis completa</i> (Diptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.5	6
179	Evidence for spatial clines and mixed geographic modes of speciation for North American cherry-infesting <i>Rhagoletis</i> (Diptera: Tephritidae) flies. <i>Ecology and Evolution</i> , 2020, 10, 12727-12744.	1.9	6
180	Host Suitability and Fitness-Related Parameters in <i>Coptera haywardi</i> (Hymenoptera: Diapriidae) Reared on Irradiated <i>Ceratitis capitata</i> (Diptera: Tephritidae) Pupae Stemming From the tsl Vienna-8 Genetic Sexing Strain. <i>Journal of Economic Entomology</i> , 2020, 113, 1666-1674.	1.8	6

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182	Two Low-Cost Food Attractants for Capturing <i>Toxotrypana curvicauda</i> (Diptera: Tephritidae) in Field Studies. <i>Journal of Economic Entomology</i> , 2021, 54, 1010-1015.	1.8	5
183	<i>Wolbachia</i> in two populations of <i>Melittobia digitata</i> Dahms (Hymenoptera: Eulophidae). <i>Neotropical Entomology</i> , 2008, 37, 633-640.	1.2	5
184	Temporal dynamics of diversity in a tropical fruit fly (Tephritidae) ensemble and their implications on pest management and biodiversity conservation. <i>Biodiversity and Conservation</i> , 2013, 22, 1557-1575.	2.6	5
185	Phylogeography of Walnut-Infesting <i>Rhagoletis suavis</i> (Diptera: Tephritidae) Flies. <i>Insect Systematics and Diversity</i> , 2018, 2, .	1.7	5
186	Effects of Larval Density and Support Substrate in Liquid Diet on Productivity and Quality of Artificially Reared <i>Anastrepha ludens</i> (Diptera: Tephritidae). <i>Journal of Economic Entomology</i> , 2018, 111, 2281-2287.	1.8	5
187	OUP accepted manuscript. <i>Journal of Insect Science</i> , 2019, 19, .	1.5	5
188	Characterization of reproductive proteins in the Mexican fruit fly points towards the evolution of novel functions. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, .	2.6	5
189	Behaviour of female and male Mediterranean fruit flies, <i>Ceratitis capitata</i> in and around Jackson traps placed on fruiting host trees. <i>International Journal of Tropical Insect Science</i> , 1989, 10, 285-294.	1.0	4
190	Biology and Taxonomy of <i>Rhagoletotrypeta</i> (Diptera: Tephritidae): A New Species from Cuba and New Host Plant, Parasitoid, and Distribution Records from Northwestern Argentina. <i>Annals of the Entomological Society of America</i> , 2005, 98, 252-258.	2.5	4
191	Bionomics of <i>Opius bellus</i> (Hymenoptera: Braconidae), an endoparasitoid of <i>Anastrepha fraterculus</i> (Diptera: Tephritidae) in fruit-growing areas of Northwestern Argentina. <i>Biocontrol Science and Technology</i> , 2014, 24, 375-388.	1.3	4
192	Nutrient uptake and allocation capacity during immature development determine reproductive capacity in <i>Diachasmimorpha longicaudata</i> (Hymenoptera: Braconidae: Opiinae), a parasitoid of tephritid flies. <i>Biological Control</i> , 2016, 100, 37-45.	3.0	4
193	Precopulatory mating and postzygotic isolation between two walnut-infesting species of <i>Rhagoletis</i> from Mexican highlands. <i>Entomologia Experimentalis Et Applicata</i> , 2018, 166, 713-723.	1.4	4
194	Host marking pheromone and GF120™ applied in a push-pull scheme reduce grapefruit infestation by <i>Anastrepha ludens</i> in field-cage studies. <i>Journal of Pest Science</i> , 2020, 93, 507-518.	3.7	4
195	Insights into the Interaction between the Monophagous Tephritid Fly <i>Anastrepha acris</i> and its Highly Toxic Host <i>Hippomane mancinella</i> (Euphorbiaceae). <i>Journal of Chemical Ecology</i> , 2020, 46, 430-441.	1.8	4
196	Future Trends in Fruit Fly Management. , 2020, , 309-320.		4
197	Human urine and chicken feces as fruit fly (Diptera: Tephritidae) attractants for resource-poor fruit growers. <i>Journal of Economic Entomology</i> , 2003, 96, 334-40.	1.8	4
198	<i>Physalis peruviana</i> L. (Solanaceae) Is Not a Host of <i>Ceratitis capitata</i> (Diptera: Tephritidae): Evidence from Multi-Year Field and Laboratory Studies in Colombia. <i>Insects</i> , 2019, 10, 434.	2.2	3

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199	Pupation Substrate Type and Volume Affect Pupation, Quality Parameters and Production Costs of a Reproductive Colony of <i>Ceratitis capitata</i> (Diptera: Tephritidae) VIENNA 8 Genetic Sexing Strain. <i>Insects</i> , 2021, 12, 337.	2.2	3
200	Development of a Low-Cost and Effective Trapping Device for Apple Maggot Fly (Diptera: Tephritidae) Monitoring and Control in Mexican Commercial Hawthorn Groves. <i>Journal of Economic Entomology</i> , 2017, 110, 1658-1667.	1.8	2
201	Reproductive compatibility among Mexican populations of <i>Anastrepha obliqua</i> : theoretical and management implications. <i>Journal of Applied Entomology</i> , 2018, 142, 667-678.	1.8	2
202	Can spinosad be effective for the integrated management of <i>Anastrepha ludens</i> (Tephritidae) in soil and fallen fruit, and be compatible with the parasitoid <i>Diachasmimorpha longicaudata</i> (Braconidae)?. <i>Phytoparasitica</i> , 2021, 49, 73-82.	1.2	2
203	Long Term Feeding Patterns Highlight Preference for Sucrose in the Fruit Fly <i>Anastrepha serpentina</i> When Given a Choice over Other More Nutritious Food Sources. <i>Journal of Insect Behavior</i> , 2016, 29, 719-734.	0.7	1
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