Andrea Lucchi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6883370/publications.pdf

Version: 2024-02-01

62	1,755	257450 24	302126 39
papers	citations	h-index	g-index

63	63	63	1285
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chemical Ecology and Management of Lobesia botrana (Lepidoptera: Tortricidae). Journal of Economic Entomology, 2011, 104, 1125-1137.	1.8	140
2	Green Micro- and Nanoemulsions for Managing Parasites, Vectors and Pests. Nanomaterials, 2019, 9, 1285.	4.1	107
3	Manipulating behaviour with substrateâ€borne vibrations â€“ potential for insect pest control. Pest Management Science, 2015, 71, 15-23.	3.4	87
4	Reproductive strategy of the Nearctic leafhopper Scaphoideus titanus Ball (Hemiptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	1.0	86
5	Disruption of the reproductive behaviour of Scaphoideus titanus by playback of vibrational signals. Entomologia Experimentalis Et Applicata, 2009, 133, 174-185.	1.4	86
6	Exploitation of Insect Vibrational Signals Reveals a New Method of Pest Management. PLoS ONE, 2012, 7, e32954.	2.5	84
7	Synthetic Grape Volatiles Attract Mated Lobesia botrana Females in Laboratory and Field Bioassays. Journal of Chemical Ecology, 2009, 35, 1054-1062.	1.8	82
8	Semiochemical Strategies for Tortricid Moth Control in Apple Orchards and Vineyards in Italy. Journal of Chemical Ecology, 2016, 42, 571-583.	1.8	66
9	Inter-Plant Vibrational Communication in a Leafhopper Insect. PLoS ONE, 2011, 6, e19692.	2.5	58
10	Sex Pheromone Aerosol Devices for Mating Disruption: Challenges for a Brighter Future. Insects, 2019, 10, 308.	2.2	55
11	Developing a Highly Stable Carlina acaulis Essential Oil Nanoemulsion for Managing Lobesia botrana. Nanomaterials, 2020, 10, 1867.	4.1	55
12	Towards pesticide-free farming? Sharing needs and knowledge promotes Integrated Pest Management. Environmental Science and Pollution Research, 2018, 25, 13439-13445.	5.3	52
13	The process of pair formation mediated by substrate-borne vibrations in a small insect. Behavioural Processes, 2014, 107, 68-78.	1.1	47
14	Eco-friendly pheromone dispensersâ€"a green route to manage the European grapevine moth?. Environmental Science and Pollution Research, 2018, 25, 9426-9442.	5.3	36
15	Mating Behavior of <I>Hyalesthes obsoletus</I> (Hemiptera: Cixiidae). Annals of the Entomological Society of America, 2010, 103, 813-822.	2.5	33
16	Oviposition Response of the Moth Lobesia botrana to Sensory Cues from a Host Plant. Chemical Senses, 2011, 36, 633-639.	2.0	33
17	Vibrational Communication Networks: Eavesdropping and Biotic Noise. Animal Signals and Communication, 2014, , 93-123.	0.8	33
18	Grape Berry Moths in Western European Vineyards and Their Recent Movement into the New World. , 2012, , 339-359.		32

#	Article	IF	Citations
19	Artemisia spp. essential oils against the disease-carrying blowfly Calliphora vomitoria. Parasites and Vectors, 2017, 10, 80.	2.5	32
20	Study on the Role of Olfaction in Host Plant Detection of <I>Scaphoideus titanus</I> (Hemiptera: Cicadellidae) Nymphs. Journal of Economic Entomology, 2009, 102, 974-980.	1.8	29
21	Wax Production in Adults of Planthoppers (Homoptera: Fulgoroidea) with Particular Reference to <I>Metcalfa pruinosa</I> (Flatidae). Annals of the Entomological Society of America, 2004, 97, 1294-1298.	2.5	27
22	Growers, scientists and regulators collaborate on European grapevine moth program. California Agriculture, 2014, 68, 125-133.	0.8	26
23	Disrupting mating of Lobesia botrana using sex pheromone aerosol devices. Environmental Science and Pollution Research, 2018, 25, 22196-22204.	5.3	26
24	Behavioral asymmetries in the mealybug parasitoid Anagyrus sp. near pseudococci: does lateralized antennal tapping predict male mating success?. Journal of Pest Science, 2018, 91, 341-349.	3.7	25
25	Sustainable management of the vine mealybug in organic vineyards. Journal of Pest Science, 2021, 94, 153-185.	3.7	25
26	Lobesia botrana males mainly fly at dusk: video camera-assisted pheromone traps and implications for mating disruption. Journal of Pest Science, 2018, 91, 1327-1334.	3.7	23
27	Managing the vine mealybug, Planococcus ficus, through pheromone-mediated mating disruption. Environmental Science and Pollution Research, 2019, 26, 10708-10718.	5.3	23
28	Toxicity and oviposition deterrence of essential oils of Clinopodium nubigenum and Lavandula angustifolia against the myiasis-inducing blowfly Lucilia sericata. PLoS ONE, 2019, 14, e0212576.	2.5	22
29	The courtship song of fanning males in the fruit fly parasitoid Psyttalia concolor (SzÃ©pligeti) (Hymenoptera: Braconidae). Bulletin of Entomological Research, 2013, 103, 303-309.	1.0	18
30	External anatomy of adult antennal sensilla of the fly, Trichopoda pennipes F. (Diptera: Tachinidae). Arthropod Structure and Development, 1994, 23, 105-113.	0.4	17
31	Feeding Activity of the Flatid Planthopper Metcalfa pruinosa (Hemiptera: Fulgoroidea). Journal of the Kansas Entomological Society, 2007, 80, 175-178.	0.2	17
32	Toxics or Lures? Biological and Behavioral Effects of Plant Essential Oils on Tephritidae Fruit Flies. Molecules, 2021, 26, 5898.	3.8	16
33	Mating Disruption by Vibrational Signals: State of the Field and Perspectives. Animal Signals and Communication, 2019, , 331-354.	0.8	16
34	Braconinae parasitoids (Hymenoptera, Braconidae) emerged from larvae of Lobesia botrana (Denis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 125-150.	1.1	15
35	A review of insect parasitoids associated with Lobesia botrana (Denis & SchiffermÃ¼ller, 1775) in Italy. 1. Diptera Tachinidae and Hymenoptera Braconidae (Lepidoptera, Tortricidae). ZooKeys, 2017, 647, 67-100.	1.1	15
36	Femaleâ€borne cues affecting Psyttalia concolor (Hymenoptera: Braconidae) male behavior during courtship and mating. Insect Science, 2013, 20, 379-384.	3.0	14

#	Article	IF	Citations
37	Cultivar-specific transcriptome prediction and annotation in Ficus carica L.. Genomics Data, 2017, 13, 64-66.	1.3	13
38	Updated list of the insect parasitoids (Insecta, Hymenoptera) associated with Lobesia botrana (Denis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Anomaloninae and Campopleginae. ZooKeys, 2018, 772, 47-95.	1.1	11
39	Wingâ€fanning frequency as a releaser boosting male mating successâ€"Highâ€speed video analysis of courtship behavior in Campoplex capitator , a parasitoid of Lobesia botrana. Insect Science, 2020, 27, 1298-1310.	3.0	10
40	Tachinid (Diptera, Tachinidae) parasitoids of Lobesia botrana (Denis & SchiffermÃ¼ller, 1775) (Lepidoptera, Tortricidae) and other moths. ZooKeys, 2020, 934, 111-140.	1.1	10
41	Developing a Bioacoustic Method for Mating Disruption of a Leafhopper Pest in Grapevine. , 2016, , 165-190.		9
42	Protocol for the evaluation of data concerning the necessity of the application of insecticideâ€ active substances to control a serious danger to plant health which cannot be contained by other available means, including nonâ€chemical methods. EFSA Supporting Publications, 2017, 14, 1201E.	0.7	9
43	Multiple Mating in the Citrophilous Mealybug Pseudococcus calceolariae: Implications for Mating Disruption. Insects, 2019, 10, 285.	2.2	9
44	Role of Winter Host Plants in Vineyard Colonization and Phenology ofZygina rhamni(Hemiptera: Cicadellidae: Typhlocybinae). Annals of the Entomological Society of America, 2008, 101, 1003-1009.	2.5	8
45	First records of the genera Histeromerus Wesmael (Hymenoptera, Braconidae, Histeromerinae) and Ecclitura Kokujev (Hymenoptera, Braconidae,ÂEuphorinae) in Italy. ZooKeys, 2013, 310, 29-40.	1.1	8
46	Egg morphology, laying behavior and record of the host plants of Ricania speculum (Walker, 1851), a new alien species for Europe (Hemiptera: Ricaniidae). Zootaxa, 2015, 4044, 93-104.	0.5	8
47	What do we really know on the harmfulness of Cryptoblabes gnidiella (MilliÃ¨re) to grapevine? From ecology to pest management. Phytoparasitica, 2019, 47, 1-15.	1.2	8
48	Eggshell fine structure of Bradysia aprica (Winnertz) (Diptera : Sciaridae). Arthropod Structure and Development, 1995, 24, 109-117.	0.4	7
49	First record of Zombrus bicolor (Enderlein) (Hymenoptera, Braconidae, Doryctinae) inÂWesternÂEurope. ZooKeys, 2012, 219, 87-91.	1.1	7
50	Potential role of the alien planthopper Ricania speculum as vector of Flavescence dorÃ©e phytoplasma. European Journal of Plant Pathology, 2019, 154, 1103-1110.	1.7	6
51	Prey selection behaviour in the multicoloured Asian ladybird, Harmonia axyridis (Coleoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	1.2	6
52	Impacts of Standard Wine-Making Process on the Survival of <I>Lobesia botrana</I> Larvae (Lepidoptera: Tortricidae) in Infested Grape Clusters. Journal of Economic Entomology, 2013, 106, 2349-2353.	1.8	5
53	Scent gland apparatus in the <scp>W</scp>estern conifer seed bug <scp>L</scp>eptoglossus occidentalisâ€...<scp>H</scp>eidemann (<scp>H</scp>eteroptera: <scp>C</scp>oreidae). Entomological Science, 2014, 17, 336-341.	0.6	4
54	Descriptions of the Adult Genitalia and Immatures of the Asian PlanthopperRicania speculum(Hemiptera: Fulgoroidea: Ricaniidae) Recently Introduced to Italy. Annals of the Entomological Society of America, 2016, 109, 899-905.	2.5	4

#	Article	IF	Citations
55	Hymenoptera Parasitoid, a Suitable Biodiversity Resource for Vineyard Environmental Discrimination. Journal of Agricultural Science, 2014, 6, .	0.2	3
56	The Egg-Burster in the Asian PlanthopperRicania speculum(Walker) (Hemiptera Ricaniidae). Annals of the Entomological Society of America, 2016, 109, 121-126.	2.5	3
57	Back to the Wild: The Parasitoid Community of Lobesia botrana (Lepidoptera: Tortricidae) in a Grapevine-Free Natural Environment. Insects, 2022, 13, 627.	2.2	3
58	Old Parasitoids for New Mealybugs: Host Location Behavior and Parasitization Efficacy of Anagyrus vladimiri on Pseudococcus comstocki. Insects, 2021, 12, 257.	2.2	2
59	Taxonomic revision of the Campoplex difformis group (Ichneumonidae, Campopleginae), with particular reference to species of economic importance. European Journal of Taxonomy, 0, 740, .	0.6	2
60	Mating Disruption for Managing the Honeydew Moth, Cryptoblabes gnidiella (MilliÃ¨re), in Mediterranean Vineyards. Insects, 2021, 12, 390.	2.2	2
61	From Insect Pheromones to Mating Disruption: Theory and Practice. Insects, 2021, 12, 698.	2.2	2
62	Echoentomography for Assessing Braconid Parasitization on Soft-Bodied Tephritid Hosts. Insects, 2021, 12, 980.	2.2	0