

Ezio Peri

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

1,670
citations

279487

23
h-index

329751

37
g-index

74
all docs

74
docs citations

74
times ranked

1269
citing authors

#	ARTICLE	IF	CITATIONS
1	Insect oviposition induces volatile emission in herbaceous plants that attracts egg parasitoids. <i>Journal of Experimental Biology</i> , 2004, 207, 47-53.	0.8	186
2	The Egg Parasitoid <i>Trissolcus basalis</i> uses n-nonadecane, a Cuticular Hydrocarbon from its Stink Bug Host <i>Nezara viridula</i> , to Discriminate Between Female and Male Hosts. <i>Journal of Chemical Ecology</i> , 2007, 33, 1405-1420.	0.9	88
3	Effect of host kairomones and oviposition experience on the arrestment behavior of an egg parasitoid. <i>Journal of Experimental Biology</i> , 2006, 209, 3629-3635.	0.8	60
4	Biological control of invasive stink bugs: review of global state and future prospects. <i>Entomologia Experimentalis Et Applicata</i> , 2021, 169, 28-51.	0.7	60
5	Interspecific competition/facilitation among insect parasitoids. <i>Current Opinion in Insect Science</i> , 2016, 14, 12-16.	2.2	59
6	Influence of Feeding and Oviposition by Phytophagous Pentatomids on Photosynthesis of Herbaceous Plants. <i>Journal of Chemical Ecology</i> , 2010, 36, 629-641.	0.9	55
7	Chemo-orientation responses in hymenopteran parasitoids induced by substrate-borne semiochemicals. <i>BioControl</i> , 2014, 59, 1-17.	0.9	48
8	Interspecific extrinsic and intrinsic competitive interactions in egg parasitoids. <i>BioControl</i> , 2012, 57, 719-734.	0.9	47
9	Responses of <i>Rhynchophorus ferrugineus</i> adults to selected synthetic palm esters: electroantennographic studies and trap catches in an urban environment. <i>Pest Management Science</i> , 2011, 67, 77-81.	1.7	45
10	Kairomone involvement in the host specificity of the egg parasitoid <i>Trissolcus basalis</i> (Hymenoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.2	45
11	Chemical ecology meets conservation biological control: identifying plant volatiles as predictors of floral resource suitability for an egg parasitoid of stink bugs. <i>Journal of Pest Science</i> , 2017, 90, 299-310.	1.9	42
12	The response of <i>Trissolcus basalis</i> to footprint contact kairomones from <i>Nezara viridula</i> females is mediated by leaf epicuticular waxes. <i>Die Naturwissenschaften</i> , 2009, 96, 975-981.	0.6	41
13	Intraguild interactions between two egg parasitoids exploring host patches. <i>BioControl</i> , 2011, 56, 173-184.	0.9	39
14	Lures for red palm weevil trapping systems: aggregation pheromone and synthetic kairomone. <i>Pest Management Science</i> , 2017, 73, 223-231.	1.7	37
15	Native egg parasitoids recorded from the invasive <i>Halyomorpha halys</i> successfully exploit volatiles emitted by the plant-herbivore complex. <i>Journal of Pest Science</i> , 2017, 90, 1087-1095.	1.9	35
16	Investigation of cuticular hydrocarbons from <i>Bagrada hilaris</i> genders by SPME/GC-MS. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 389, 1259-1265.	1.9	33
17	Behavioral response of the egg parasitoid <i>Ooencyrtus telenomicida</i> to host-related chemical cues in a tritrophic perspective. <i>BioControl</i> , 2011, 56, 163-171.	0.9	32
18	Assessment of synthetic chemicals for disruption of <i>Rhynchophorus ferrugineus</i> response to attractant-baited traps in an urban environment. <i>Phytoparasitica</i> , 2013, 41, 79-88.	0.6	32

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19	Role of volatile and contact pheromones in the mating behaviour of <i>Bagrada hilaris</i> (Heteroptera: Tj ETQq1 1 0.784314 rgBT/Overlock 1.2	1.2	32
20	The ovipositing female of <i>Ooencyrtus telenomicida</i> relies on physiological mechanisms to mediate intrinsic competition with <i>Trissolcus basalis</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2012, 143, 155-163.	0.7	28
21	Egg parasitoid attraction toward induced plant volatiles is disrupted by a non-host herbivore attacking above or belowground plant organs. <i>Frontiers in Plant Science</i> , 2014, 5, 601.	1.7	27
22	Fine Structure of Antennal Sensilla of <i>Paysandisia archon</i> and Electrophysiological Responses to Volatile Compounds Associated with Host Palms. <i>PLoS ONE</i> , 2015, 10, e0124607.	1.1	27
23	Behaviour-modifying compounds for management of the red palm weevil (<i>Rhynchophorus</i>) Tj ETQq1 1 0.784314 rgBT/Overlock 1.7	1.7	25
24	Thermal stress affects patch time allocation by preventing forgetting in a parasitoid wasp. <i>Behavioral Ecology</i> , 2015, 26, 1326-1334.	1.0	25
25	Chemical Composition and Evaluation of Insecticidal Activity of <i>Calendula incana</i> subsp. <i>maritima</i> and <i>Laserpitium siler</i> subsp. <i>siculum</i> Essential Oils against Stored Products Pests. <i>Molecules</i> , 2022, 27, 588.	1.7	25
26	An invasive insect herbivore disrupts plant volatile-mediated tritrophic signalling. <i>Journal of Pest Science</i> , 2017, 90, 1079-1085.	1.9	23
27	Intraguild Interactions between Two Egg Parasitoids of a True Bug in Semi-Field and Field Conditions. <i>PLoS ONE</i> , 2014, 9, e99876.	1.1	23
28	Electrophysiological and behavioural responses of the housefly to "sweet" volatiles of the flowers of <i>Caralluma europaea</i> (Guss.) N.E. Br.. <i>Arthropod-Plant Interactions</i> , 2013, 7, 485-489.	0.5	22
29	Intraguild Interactions between Egg Parasitoids: Window of Opportunity and Fitness Costs for a Facultative Hyperparasitoid. <i>PLoS ONE</i> , 2013, 8, e64768.	1.1	22
30	Host Sex Discrimination by an Egg Parasitoid on Brassica Leaves. <i>Journal of Chemical Ecology</i> , 2011, 37, 622-628.	0.9	21
31	Host Chemical Footprints Induce Host Sex Discrimination Ability in Egg Parasitoids. <i>PLoS ONE</i> , 2013, 8, e79054.	1.1	21
32	Volatile compounds released by disturbed and undisturbed adults of <i>Anchomenus dorsalis</i> (Coleoptera, Carabidae, Platynini) and structure of the pygidial gland. <i>ZooKeys</i> , 2011, 81, 13-25.	0.5	20
33	Contrasting olfactory responses of two egg parasitoids to buckwheat floral scent are reflected in field parasitism rates. <i>Journal of Pest Science</i> , 2019, 92, 747-756.	1.9	20
34	<i>Trichoderma harzianum</i> Strain T22 Modulates Direct Defense of Tomato Plants in Response to <i>Nezara viridula</i> Feeding Activity. <i>Journal of Chemical Ecology</i> , 2021, 47, 455-462.	0.9	18
35	Host Searching by Egg Parasitoids: Exploitation of Host Chemical Cues. , 2009, , 97-147.		17
36	Host kairomone learning and foraging success in an egg parasitoid: a simulation model. <i>Ecological Entomology</i> , 2009, 34, 193-203.	1.1	15

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37	The response of an egg parasitoid to substrate-borne semiochemicals is affected by previous experience. <i>Scientific Reports</i> , 2016, 6, 27098.	1.6	15
38	First extensive characterization of the venom gland from an egg parasitoid: structure, transcriptome and functional role. <i>Journal of Insect Physiology</i> , 2018, 107, 68-80.	0.9	15
39	Fitness costs of intrinsic competition in two egg parasitoids of a true bug. <i>Journal of Insect Physiology</i> , 2015, 81, 52-59.	0.9	14
40	Impact of the invasive painted bug <i>Bagrada hilaris</i> on physiological traits of its host <i>Brassica oleracea</i> var <i>botrytis</i> . <i>Arthropod-Plant Interactions</i> , 2017, 11, 649-658.	0.5	14
41	Volatile unsaturated hydrocarbons emitted by seedlings of <i>Brassica</i> species provide host location cues to <i>Bagrada hilaris</i> . <i>PLoS ONE</i> , 2018, 13, e0209870.	1.1	12
42	Foraging behaviour of an egg parasitoid exploiting plant volatiles induced by pentatomids: the role of adaxial and abaxial leaf surfaces. <i>PeerJ</i> , 2017, 5, e3326.	0.9	12
43	Emergence, dispersal, and mate finding via a substrate-borne sex pheromone in the parasitoid <i>Metaphycus luteolus</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2013, 148, 74-83.	0.7	11
44	Odorants of <i>Capsicum</i> spp. Dried Fruits as Candidate Attractants for <i>Lasioderma serricorne</i> F. (Coleoptera: Anobiidae). <i>Insects</i> , 2021, 12, 61.	1.0	11
45	Applied Chemical Ecology to Enhance Insect Parasitoid Efficacy in the Biological Control of Crop Pests. , 2018, , 234-267.		11
46	A female-produced short-range sex pheromone in the egg parasitoid <i>Tetrissolcus brochymenae</i> . <i>Invertebrate Biology</i> , 2012, 131, 144-153.	0.3	10
47	Mating Status of an Herbivorous Stink Bug Female Affects the Emission of Oviposition-Induced Plant Volatiles Exploited by an Egg Parasitoid. <i>Frontiers in Physiology</i> , 2019, 10, 398.	1.3	10
48	Testing the habituation assumption underlying models of parasitoid foraging behavior. <i>PeerJ</i> , 2017, 5, e3097.	0.9	10
49	Insect pests of the Herbarium of the Palermo botanical garden and evaluation of semiochemicals for the control of the key pest <i>Lasioderma serricorne</i> F. (Coleoptera: Anobiidae). <i>Journal of Cultural Heritage</i> , 2020, 43, 37-44.	1.5	9
50	Plant surfaces of vegetable crops mediate interactions between chemical footprints of true bugs and their egg parasitoids. <i>Communicative and Integrative Biology</i> , 2010, 3, 70-74.	0.6	8
51	The Role of (E)-2-octenyl Acetate as a Pheromone of <i>Bagrada hilaris</i> (Burmeister): Laboratory and Field Evaluation. <i>Insects</i> , 2020, 11, 109.	1.0	8
52	Learning can be detrimental for a parasitic wasp. <i>PLoS ONE</i> , 2021, 16, e0238336.	1.1	8
53	Behavioral responses of <i>Hyalesthes obsoletus</i> to host-plant volatiles cues. <i>Arthropod-Plant Interactions</i> , 2017, 11, 71-78.	0.5	7
54	Egg parasitoid exploitation of plant volatiles induced by single or concurrent attack of a zoophytophagous predator and an invasive phytophagous pest. <i>Scientific Reports</i> , 2019, 9, 18956.	1.6	6

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55	<i>Necrobia rufipes</i> (De Geer) Infestation in Pet Food Packaging and Setup of a Monitoring Trap. <i>Insects</i> , 2020, 11, 623.	1.0	6
56	Contrasting reproductive traits of competing parasitoids facilitate coexistence on a shared host pest in a biological control perspective. <i>Pest Management Science</i> , 2022, 78, 3376-3383.	1.7	6
57	Identification of Brassicadiene, a Diterpene Hydrocarbon Attractive to the Invasive Stink Bug <i>Bagrada hilaris</i> , from Volatiles of Cauliflower Seedlings, <i>Brassica oleracea</i> var. <i>botrytis</i> . <i>Organic Letters</i> , 2020, 22, 2972-2975.	2.4	5
58	Only Females Oviposit: Chemical Discrimination of Adult Stink Bug Sex by the Egg Parasitoid <i>Trissolcus japonicus</i> . <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	4
59	Urban landscape evolution as a consequence of an invasive pest: The case of a small sicilian town. <i>Landscape Online</i> , 0, 52, 1-16.	0.0	4
60	The invasive stink bug <i>Halyomorpha halys</i> affects the reproductive success and the experience-mediated behavioural responses of the egg parasitoid <i>Trissolcus basalus</i> . <i>BioControl</i> , 2021, 66, 329-342.	0.9	3
61	Beta-ionone increases catches of <i>Lasioderma serricorne</i> (F.) (Coleoptera: Anobiidae) in traps baited with sex pheromone. <i>Journal of Stored Products Research</i> , 2022, 96, 101948.	1.2	3
62	Genetic variation in the behavioural mechanisms involved in the response of the egg parasitoid <i>Trissolcus brochymenae</i> to contact chemical cues left by the pest <i>Murgantia histrionica</i> . <i>Ecological Entomology</i> , 2021, 46, 100-105.	1.1	2
63	Chapter 8 Plant and Stink Bug Interactions at Different Trophic Levels. , 2017, , 180-199.		2
64	Members of the WRKY gene family are upregulated in Canary palms attacked by Red Palm Weevil. <i>Arthropod-Plant Interactions</i> , 2019, 13, 109-116.	0.5	1
65	Evaluation of Brassicaceae Seedlings as Trap Plants for <i>Bagrada Hilaris</i> Burmeister in Caper Bush Cultivations. <i>Sustainability</i> , 2020, 12, 6361.	1.6	1