

Eric Conti

List of Publications by Year in descending order

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65
papers

1,777
citations

218677

26
h-index

315739

38
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68
all docs

68
docs citations

68
times ranked

1485
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.	1.7	186
2	Characterization of the Complex Locus of Bean Encoding Polygalacturonase-Inhibiting Proteins Reveals Subfunctionalization for Defense against Fungi and Insects. <i>Plant Physiology</i> , 2004, 135, 2424-2435.	4.8	122
3	Chemical cues from <i>Murgantia histrionica</i> eliciting host location and recognition in the egg parasitoid <i>Trissolcus brochymenae</i> . <i>Journal of Chemical Ecology</i> , 2003, 29, 115-130.	1.8	80
4	The role of host semiochemicals in parasitoid specificity: a case study with <i>Trissolcus brochymenae</i> and <i>Trissolcus simoni</i> on pentatomid bugs. <i>Biological Control</i> , 2004, 29, 435-444.	3.0	67
5	Biological control of invasive stink bugs: review of global state and future prospects. <i>Entomologia Experimentalis Et Applicata</i> , 2021, 169, 28-51.	1.4	60
6	Influence of Feeding and Oviposition by Phytophagous Pentatomids on Photosynthesis of Herbaceous Plants. <i>Journal of Chemical Ecology</i> , 2010, 36, 629-641.	1.8	55
7	Sub-lethal effects of two pyrethroids on biological parameters and behavioral responses to host cues in the egg parasitoid <i>Telenomus busseolae</i> . <i>Biological Control</i> , 2010, 53, 153-160.	3.0	51
8	Chemical Ecology of Egg Parasitoids Associated with True Bugs. <i>Psyche: Journal of Entomology</i> , 2012, 2012, 1-11.	0.9	48
9	Kairomone involvement in the host specificity of the egg parasitoid <i>Trissolcus basalis</i> (Hymenoptera: Tj ETQq1 1 0.784314 rgBT /Over	1.2	45
10	Activity of endo-polygalacturonases in mirid bugs (Heteroptera: Miridae) and their inhibition by plant cell wall proteins (PGIPs). <i>European Journal of Entomology</i> , 2006, 103, 515-522.	1.2	44
11	Exotic ladybirds for biological control of herbivorous insects â€“ a review. <i>Entomologia Experimentalis Et Applicata</i> , 2021, 169, 6-27.	1.4	43
12	Oviposition Behavior of <i>Anaphes iole</i> , an Egg Parasitoid of <i>Lygus hesperus</i> (Hymenoptera: Mymaridae;) Tj ETQq0 0 0.0 rgBT /Overlock 10 T	2.58	42
13	Molecular Cloning and in Situ Expression Patterns of Two New Pheromone-Binding Proteins from the Corn Stem Borer <i>Sesamia nonagrioides</i> . <i>Journal of Chemical Ecology</i> , 2006, 32, 1703-1717.	1.8	41
14	Changes in the volatile profile of <i>Brassica oleracea</i> due to feeding and oviposition by <i>Murgantia histrionica</i> (Heteroptera: Pentatomidae). <i>European Journal of Entomology</i> , 2008, 105, 839-847.	1.2	40
15	An Egg Parasitoid Efficiently Exploits Cues From a Coevolved Host But Not Those From a Novel Host. <i>Frontiers in Physiology</i> , 2019, 10, 746.	2.8	37
16	Oviposition behaviour in <i>Lygus rugulipennis</i> : a morphoâ€“functional study. <i>Entomologia Experimentalis Et Applicata</i> , 2005, 115, 17-25.	1.4	35
17	Role of the plantâ€“conspecific complex in host location and intraâ€“specific communication of <i>Lygus rugulipennis</i> . <i>Physiological Entomology</i> , 2008, 33, 129-137.	1.5	35
18	Origin and taxonomic status of the Palearctic population of the stem borer <i>Sesamia nonagrioides</i> (Lefebvre) (Lepidoptera: Noctuidae). <i>Biological Journal of the Linnean Society</i> , 2011, 103, 904-922.	1.6	35

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19	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.	3.7	35
20	Physical and Chemical Factors Involved in Host Recognition Behavior of <i>Anaphes iole</i> Girault, an Egg Parasitoid of <i>Lygus hesperus</i> Knight (Hymenoptera: Mymaridae; Heteroptera: Miridae). <i>Biological Control</i> , 1996, 7, 10-16.	3.0	33
21	<i>Vicia faba</i> - <i>Lygus rugulipennis</i> Interactions: Induced Plant Volatiles and Sex Pheromone Enhancement. <i>Journal of Chemical Ecology</i> , 2009, 35, 201-208.	1.8	33
22	<i>Vicia faba</i> plants respond to oviposition by invasive <i>Halyomorpha halys</i> activating direct defences against offspring. <i>Journal of Pest Science</i> , 2018, 91, 671-679.	3.7	33
23	Development and application of molecular gut content analysis to detect aphid and coccinellid predation by <i>Harmonia axyridis</i> (Coleoptera: Coccinellidae) in Italy. <i>Insect Science</i> , 2015, 22, 719-730.	3.0	32
24	Behavioural and physiological responses to prey-related cues reflect higher competitiveness of invasive vs. native ladybirds. <i>Scientific Reports</i> , 2017, 7, 3716.	3.3	30
25	First evidence of the use of olfaction in Odonata behaviour. <i>Journal of Insect Physiology</i> , 2014, 62, 26-31.	2.0	29
26	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.	3.6	27
27	Lethal and sublethal effects of preimaginal treatments with two pyrethroids on the life history of the egg parasitoid <i>Telenomus busseolae</i> . <i>BioControl</i> , 2010, 55, 697-710.	2.0	26
28	Role of volatile semiochemicals in host location by the egg parasitoid <i>A. nagrus</i> <i>breviphragma</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2012, 144, 311-316.	1.4	26
29	Microplastics alter behavioural responses of an insect herbivore to a plant-soil system. <i>Science of the Total Environment</i> , 2021, 787, 147716.	8.0	24
30	Short-range cues mediate parasitoid searching behavior on maize: The role of oviposition-induced plant synomones. <i>Biological Control</i> , 2013, 64, 247-254.	3.0	23
31	An invasive insect herbivore disrupts plant volatile-mediated tritrophic signalling. <i>Journal of Pest Science</i> , 2017, 90, 1079-1085.	3.7	23
32	Host Chemical Footprints Induce Host Sex Discrimination Ability in Egg Parasitoids. <i>PLoS ONE</i> , 2013, 8, e79054.	2.5	21
33	Host Searching by Egg Parasitoids: Exploitation of Host Chemical Cues. , 2009, , 97-147.		17
34	Intraguild Predation Responses in Two Aphidophagous Coccinellids Identify Differences among Juvenile Stages and Aphid Densities. <i>Insects</i> , 2014, 5, 974-983.	2.2	17
35	Scent of a Dragonfly: Sex Recognition in a Polymorphic Coenagrionid. <i>PLoS ONE</i> , 2015, 10, e0136697.	2.5	17
36	Colleterial glands of <i>Sesamia nonagrioides</i> as a source of the host-recognition kairomone for the egg parasitoid <i>Telenomus busseolae</i> . <i>Physiological Entomology</i> , 2008, 33, 7-16.	1.5	16

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37	Soil functions are affected by transition from conventional to organic mulch-based cropping system. <i>Applied Soil Ecology</i> , 2020, 153, 103639.	4.3	16
38	Sex allocation in <i>Telenomus busseolae</i> , a solitary parasitoid of concealed eggs: the influence of host patch size. <i>Entomologia Experimentalis Et Applicata</i> , 2004, 111, 141-149.	1.4	15
39	The response of an egg parasitoid to substrate-borne semiochemicals is affected by previous experience. <i>Scientific Reports</i> , 2016, 6, 27098.	3.3	15
40	The sense of smell in Odonata: An electrophysiological screening. <i>Journal of Insect Physiology</i> , 2014, 70, 49-58.	2.0	14
41	Antennal sensory organs and glands of the harlequin ladybird, <i>Harmonia axyridis</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2021, 169, 111-124.	1.4	14
42	Molecular detection of field predation among larvae of two ladybird beetles is partially predicted from laboratory experiments. <i>Scientific Reports</i> , 2018, 8, 2594.	3.3	13
43	Physiological host range of <i>Trissolcus mitsukurii</i> , a candidate biological control agent of <i>Halyomorpha halys</i> in Europe. <i>Journal of Pest Science</i> , 2022, 95, 605-618.	3.7	13
44	Cabbage waxes affect <i>Trissolcus brochymenae</i> response to short-range synomones. <i>Insect Science</i> , 2013, 20, 753-762.	3.0	12
45	The role of contact chemoreception in the host location process of an egg parasitoid. <i>Journal of Insect Physiology</i> , 2016, 91-92, 63-75.	2.0	12
46	Antennal Transcriptome Analysis and Identification of Candidate Chemosensory Genes of the Harlequin Ladybird Beetle, <i>Harmonia axyridis</i> (Pallas) (Coleoptera: Coccinellidae). <i>Insects</i> , 2021, 12, 209.	2.2	12
47	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.	2.0	12
48	Native <i>Lygus</i> spp. (Heteroptera: Miridae) Damaging Introduced <i>Hibiscus cannabinus</i> in Italy. <i>Journal of Economic Entomology</i> , 2001, 94, 648-657.	1.8	10
49	A female-produced short-range sex pheromone in the egg parasitoid <i>Trissolcus brochymenae</i> . <i>Invertebrate Biology</i> , 2012, 131, 144-153.	0.9	10
50	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.	2.8	10
51	Olfactory responses of <i>Trissolcus mitsukurii</i> to plants attacked by target and non-target stink bugs suggest low risk for biological control. <i>Scientific Reports</i> , 2022, 12, 1880.	3.3	10
52	Identification of sex pheromone components in <i>Trissolcus brochymenae</i> females. <i>Journal of Insect Physiology</i> , 2012, 58, 1635-1642.	2.0	8
53	Learning can be detrimental for a parasitic wasp. <i>PLoS ONE</i> , 2021, 16, e0238336.	2.5	8
54	Improved Captures of the Invasive Brown Marmorated Stink Bug, <i>Halyomorpha halys</i> , Using a Novel Multimodal Trap. <i>Insects</i> , 2022, 13, 527.	2.2	8

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55	Influence of different diets and oviposition substrates on <i>Lygus rugulipennis</i> biology (Heteroptera: Tj ETQq1 1 0.784314 rgBJ /Overl	1.2	7
56	Field and Laboratory Efficacy of Low-Impact Commercial Products in Preventing Olive Fruit Fly, <i>Bactrocera oleae</i> , Infestation. <i>Insects</i> , 2022, 13, 213.	2.2	6
57	Data on soil physicochemical properties and biodiversity from conventional, organic and organic mulch-based cropping systems.. <i>Data in Brief</i> , 2020, 31, 105718.	1.0	5
58	Behavioural and electrophysiological responses of <i>Philaenus spumarius</i> to odours from conspecifics. <i>Scientific Reports</i> , 2022, 12, 8402.	3.3	5
59	Antennal gustatory perception and behavioural responses in <i>Trissolcus brochymenae</i> females. <i>Journal of Insect Physiology</i> , 2015, 78, 15-25.	2.0	4
60	Augmentative biological control of <i>Halyomorpha halys</i> using the native European parasitoid <i>Anastatus bifasciatus</i> : Efficacy and ecological impact. <i>Biological Control</i> , 2022, 172, 104973.	3.0	4
61	Tracking seasonal emergence dynamics of an invasive gall wasp and its associated parasitoids with an open-source, microcontroller-based device. <i>Journal of Pest Science</i> , 2019, 92, 361-369.	3.7	2
62	Oviposition Behaviour of <i>Lygus rugulipennis</i> and its Preferences for Plant Wounds. <i>Journal of Insect Behavior</i> , 2012, 25, 339-351.	0.7	1
63	Entomophagous insects – an introduction. <i>Entomologia Experimentalis Et Applicata</i> , 2021, 169, 3-5.	1.4	1
64	Effect of microplastics and watering regimes on a plant-soil system: Data on behavioural responses of an insect herbivore. <i>Data in Brief</i> , 2021, 38, 107297.	1.0	1
65	Collection and Processing of Behavioural Data of the Olive Fruit Fly, <i>Bactrocera oleae</i> , When Exposed to Olive Twigs Treated with Different Commercial Products. <i>Data</i> , 2022, 7, 85.	2.3	0