

Stefano Colazza

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1448441/publications.pdf>

Version: 2024-02-01

94
papers

3,093
citations

156536

32
h-index

242451

47
g-index

118
all docs

118
docs citations

118
times ranked

2161
citing authors

#	ARTICLE	IF	CITATIONS
1	Editorial: Chemical Ecology and Conservation Biological Control. <i>Frontiers in Ecology and Evolution</i> , 2022, 10, .	1.1	0
2	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
3	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
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	The invasive stink bug <i>Halyomorpha halys</i> affects the reproductive success and the experience-mediated behavioural responses of the egg parasitoid <i>Trissolcus basalis</i> . <i>BioControl</i> , 2021, 66, 329-342.	0.9	3
6	<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
7	Detection and monitoring of <i>Drosophila suzukii</i> in raspberry and cherry orchards with volatile organic compounds in the USA and Europe. <i>Scientific Reports</i> , 2021, 11, 6860.	1.6	6
8	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
9	Intrinsic competition between two European egg parasitoids of the brown marmorated stink bug. <i>Journal of Applied Entomology</i> , 2020, 144, 669-677.	0.8	8
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	Foraging behavior of two egg parasitoids exploiting chemical cues from the stink bug <i>Piezodorus guildinii</i> (Hemiptera: Pentatomidae). <i>Anais Da Academia Brasileira De Ciencias</i> , 2019, 91, e20180597.	0.3	4
18	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

#	ARTICLE	IF	CITATIONS
19	Volatile unsaturated hydrocarbons emitted by seedlings of Brassica species provide host location cues to <i>Bagrada hilaris</i> . PLoS ONE, 2018, 13, e0209870.	1.1	12
20	Applied Chemical Ecology to Enhance Insect Parasitoid Efficacy in the Biological Control of Crop Pests. , 2018, , 234-267.		11
21	Lures for red palm weevil trapping systems: aggregation pheromone and synthetic kairomone. Pest Management Science, 2017, 73, 223-231.	1.7	37
22	Chemical ecology meets conservation biological control: identifying plant volatiles as predictors of floral resource suitability for an egg parasitoid of stink bugs. Journal of Pest Science, 2017, 90, 299-310.	1.9	42
23	An invasive insect herbivore disrupts plant volatile-mediated tritrophic signalling. Journal of Pest Science, 2017, 90, 1079-1085.	1.9	23
24	Impact of the invasive painted bug <i>Bagrada hilaris</i> on physiological traits of its host <i>Brassica oleracea</i> var <i>botrytis</i> . Arthropod-Plant Interactions, 2017, 11, 649-658.	0.5	14
25	Effects of water stress on emission of volatile organic compounds by <i>Vicia faba</i> , and consequences for attraction of the egg parasitoid <i>Trissolcus basalis</i> . Journal of Pest Science, 2017, 90, 635-647.	1.9	29
26	Infestation of Broad Bean (<i>Vicia faba</i>) by the Green Stink Bug (<i>Nezara viridula</i>) Decreases Shoot Abscisic Acid Contents under Well-Watered and Drought Conditions. Frontiers in Plant Science, 2017, 8, 959.	1.7	8
27	The Plant as a Habitat for Entomophagous Insects. Advances in Botanical Research, 2017, 81, 179-223.	0.5	25
28	Chapter 8 Plant and Stink Bug Interactions at Different Trophic Levels. , 2017, , 180-199.		2
29	Testing the habituation assumption underlying models of parasitoid foraging behavior. PeerJ, 2017, 5, e3097.	0.9	10
30	Foraging behaviour of an egg parasitoid exploiting plant volatiles induced by pentatomids: the role of adaxial and abaxial leaf surfaces. PeerJ, 2017, 5, e3326.	0.9	12
31	The response of an egg parasitoid to substrate-borne semiochemicals is affected by previous experience. Scientific Reports, 2016, 6, 27098.	1.6	15
32	Prospects of herbivore egg-killing plant defenses for sustainable crop protection. Ecology and Evolution, 2016, 6, 6906-6918.	0.8	38
33	Interspecific competition/facilitation among insect parasitoids. Current Opinion in Insect Science, 2016, 14, 12-16.	2.2	59
34	The gut microbiota of the wood-feeding termite <i>Reticulitermes lucifugus</i> (Isoptera; Rhinotermitidae). Annals of Microbiology, 2016, 66, 253-260.	1.1	20
35	Behaviour-modifying compounds for management of the red palm weevil (<i>Rhynchophorus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.7	25
36	Attraction of egg-killing parasitoids toward induced plant volatiles in a multi-herbivore context. Oecologia, 2015, 179, 163-174.	0.9	45

#	ARTICLE	IF	CITATIONS
37	Thermal stress affects patch time allocation by preventing forgetting in a parasitoid wasp. <i>Behavioral Ecology</i> , 2015, 26, 1326-1334.	1.0	25
38	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
39	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
40	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
41	Chemo-orientation responses in hymenopteran parasitoids induced by substrate-borne semiochemicals. <i>BioControl</i> , 2014, 59, 1-17.	0.9	48
42	The predatory mirid <i>Dicyphus maroccanus</i> as a new potential biological control agent in tomato crops. <i>BioControl</i> , 2014, 59, 565-574.	0.9	37
43	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
44	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
45	Female-Released Sex Pheromones Mediating Courtship Behavior in <i>Lysiphlebus testaceipes</i> Males. <i>Journal of Insect Science</i> , 2013, 13, 1-14.	0.9	6
46	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
47	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
48	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
49	Host Chemical Footprints Induce Host Sex Discrimination Ability in Egg Parasitoids. <i>PLoS ONE</i> , 2013, 8, e79054.	1.1	21
50	First report of <i>Melittobia australica</i> Girault in Europe and new record of <i>M. acasta</i> (Walker) for Italy. <i>ZooKeys</i> , 2012, 181, 45-51.	0.5	4
51	Chemical Ecology of Egg Parasitoids Associated with True Bugs. <i>Psyche: Journal of Entomology</i> , 2012, 1-11.	0.4	48
52	Interspecific extrinsic and intrinsic competitive interactions in egg parasitoids. <i>BioControl</i> , 2012, 57, 719-734.	0.9	47
53	The culturable bacterial community of frass produced by larvae of <i>Rhynchophorus ferrugineus</i> Olivier (Coleoptera: Curculionidae) in the Canary island date palm. <i>Letters in Applied Microbiology</i> , 2012, 54, 530-536.	1.0	42
54	A female-produced short-range sex pheromone in the egg parasitoid <i>Tetraneura rissolcus brochymenae</i> . <i>Invertebrate Biology</i> , 2012, 131, 144-153.	0.3	10

#	ARTICLE	IF	CITATIONS
55	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
56	Host Sex Discrimination by an Egg Parasitoid on Brassica Leaves. <i>Journal of Chemical Ecology</i> , 2011, 37, 622-628.	0.9	21
57	Behavioral and Chemical Investigations of Contact Kairomones Released by the Mud Dauber Wasp <i>Trypoxylon politum</i> , a Host of the Parasitoid <i>Melittobia digitata</i> . <i>Journal of Chemical Ecology</i> , 2011, 37, 629-639.	0.9	15
58	Intraguild interactions between two egg parasitoids exploring host patches. <i>BioControl</i> , 2011, 56, 173-184.	0.9	39
59	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
60	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
61	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
62	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
63	Behavioral responses of the parasitoid <i>Melittobia digitata</i> to volatiles emitted by its natural and laboratory hosts. <i>Entomologia Experimentalis Et Applicata</i> , 2010, 136, 301-307.	0.7	20
64	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
65	Host kairomone learning and foraging success in an egg parasitoid: a simulation model. <i>Ecological Entomology</i> , 2009, 34, 193-203.	1.1	15
66	A finely tuned strategy adopted by an egg parasitoid to exploit chemical traces from host adults. <i>Journal of Experimental Biology</i> , 2009, 212, 1825-1831.	0.8	33
67	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
68	Noise effects in two different biological systems. <i>European Physical Journal B</i> , 2009, 69, 133-146.	0.6	21
69	Host Searching by Egg Parasitoids: Exploitation of Host Chemical Cues. , 2009, , 97-147.		17
70	Evidence of stochastic resonance in the mating behavior of <i>Nezara viridula</i> (L.). <i>European Physical Journal B</i> , 2008, 65, 453-458.	0.6	33
71	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 32	1.2	32
72	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

#	ARTICLE	IF	CITATIONS
73	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
74	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
75	Kairomone involvement in the host specificity of the egg parasitoid <i>Trissolcus basalis</i> (Hymenoptera: Tj ETQq1 1 0.784314 rgBT /Ove	1.2	45
76	Olfactory response of two aphid parasitoids, <i>Lysiphlebus testaceipes</i> and <i>Aphidius colemani</i> , to aphid-infested plants from a distance. <i>Entomologia Experimentalis Et Applicata</i> , 2004, 110, 159-164.	0.7	30
77	Genetic variation in the mechanisms of direct mutual interference in a parasitic wasp: consequences in terms of patch time allocation. <i>Journal of Animal Ecology</i> , 2004, 73, 1179-1189.	1.3	59
78	Identification of Volatile Synomones, Induced by <i>Nezara viridula</i> Feeding and Oviposition on Bean spp., That Attract the Egg Parasitoid <i>Trissolcus basalis</i> . <i>Journal of Chemical Ecology</i> , 2004, 30, 945-964.	0.9	120
79	Chemical and Physical Signals Mediating Conspecific and Heterospecific Aggregation Behavior of First Instar Stink Bugs. <i>Journal of Chemical Ecology</i> , 2004, 30, 1257-1269.	0.9	40
80	Responses of <i>Metaphycus</i> sp. nr. <i>flavus</i> to semiochemicals released from a scale host, <i>Coccus hesperidum</i> . <i>Chemoecology</i> , 2004, 14, 151.	0.6	5
81	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
82	A comparative analysis of patch-leaving decision rules in a parasitoid family. <i>Journal of Animal Ecology</i> , 2003, 72, 618-626.	1.3	49
83	Kairomonal effect of walking traces from <i>Euschistus heros</i> (Heteroptera: Pentatomidae) on two strains of <i>Telenomus podisi</i> (Hymenoptera: Scelionidae). <i>Physiological Entomology</i> , 2003, 28, 349-355.	0.6	69
84	Inter and intra-guild interactions in egg parasitoid species of the soybean stink bug complex. <i>Pesquisa Agropecuaria Brasileira</i> , 2002, 37, 1541-1549.	0.9	43
85	Sub-lethal effects of deltamethrin on walking behaviour and response to host kairomone of the egg parasitoid <i>Trissolcus basalis</i> . <i>Pest Management Science</i> , 2002, 58, 663-668.	1.7	49
86	Title is missing!. <i>BioControl</i> , 2002, 47, 617-624.	0.9	11
87	Differences in the searching behaviour of two strains of the egg parasitoid <i>Telenomus busseolae</i> (Hymenoptera: Scelionidae). <i>European Journal of Entomology</i> , 2001, 98, 47-52.	1.2	17
88	Genetic variation in patch time allocation in a parasitic wasp. <i>Journal of Animal Ecology</i> , 1999, 68, 121-133.	1.3	68
89	Volatile and Contact Chemicals Released by <i>Nezara viridula</i> (Heteroptera: Pentatomidae) Have a Kairomonal Effect on the Egg Parasitoid <i>Trissolcus basalis</i> (Hymenoptera: Scelionidae). <i>Biological Control</i> , 1999, 16, 310-317.	1.4	139
90	Genetic variability in the area searched by a parasitic wasp: analysis from automatic video tracking of the walking path. <i>Journal of Insect Physiology</i> , 1998, 44, 437-444.	0.9	26

#	ARTICLE	IF	CITATIONS
91	Response of Egg Parasitoid <i>Telenomus busseolae</i> to Sex Pheromone of <i>Sesamia nonagrioides</i> . <i>Journal of Chemical Ecology</i> , 1997, 23, 2437-2444.	0.9	41
92	Fortuitous Introduction and Successful Establishment of <i>Trichopoda pennipes</i> F.: Adult Parasitoid of <i>Nezara viridula</i> (L.). <i>Biological Control</i> , 1996, 6, 409-411.	1.4	25
93	Efficiency of <i>Trissolcus basalis</i> (Hymenoptera: Scelionidae) as an Egg Parasitoid of <i>Nezara viridula</i> (Heteroptera: Pentatomidae) in Central Italy. <i>Environmental Entomology</i> , 1995, 24, 1703-1707.	0.7	45
94	Growth patterns of teratocytes in the immature stages of <i>Trissolcus basalis</i> (Woll.) (Hymenoptera : Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Structure and Development, 1992, 21, 323-336.	0.4	47