

Antonino Cusumano

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

44
papers

664
citations

17
h-index

24
g-index

47
ext. papers

846
ext. citations

4.4
avg, IF

4.3
L-index

#	Paper	IF	Citations
44	Volatile-mediated foraging behaviour of three parasitoid species under conditions of dual insect herbivore attack. <i>Animal Behaviour</i> , 2016 , 111, 197-206	2.8	44
43	Interspecific competition/facilitation among insect parasitoids. <i>Current Opinion in Insect Science</i> , 2016 , 14, 12-16	5.1	41
42	Chemo-orientation responses in hymenopteran parasitoids induced by substrate-borne semiochemicals. <i>BioControl</i> , 2014 , 59, 1-17	2.3	40
41	Interspecific extrinsic and intrinsic competitive interactions in egg parasitoids. <i>BioControl</i> , 2012 , 57, 719-734	3.4	38
40	Symbiotic polydnavirus and venom reveal parasitoid to its hyperparasitoids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 5205-5210	11.5	36
39	Attraction of egg-killing parasitoids toward induced plant volatiles in a multi-herbivore context. <i>Oecologia</i> , 2015 , 179, 163-74	2.9	35
38	Intraguild interactions between two egg parasitoids exploring host patches. <i>BioControl</i> , 2011 , 56, 173-184	3.3	33
37	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	2.3	28
36	Parasitic wasp-associated symbiont affects plant-mediated species interactions between herbivores. <i>Ecology Letters</i> , 2018 , 21, 957-967	10	25
35	Prospects of herbivore egg-killing plant defenses for sustainable crop protection. <i>Ecology and Evolution</i> , 2016 , 6, 6906-6918	2.8	25
34	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 ^{2.1}	2.1	22
33	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	6.2	22
32	Understanding insect foraging in complex habitats by comparing trophic levels: insights from specialist host-parasitoid-hyperparasitoid systems. <i>Current Opinion in Insect Science</i> , 2019 , 32, 54-60	5.1	20
31	Microbial Symbionts of Parasitoids. <i>Annual Review of Entomology</i> , 2020 , 65, 171-190	21.8	20
30	Thermal stress affects patch time allocation by preventing forgetting in a parasitoid wasp. <i>Behavioral Ecology</i> , 2015 , 26, 1326-1334	2.3	19
29	Intraguild interactions between two egg parasitoids of a true bug in semi-field and field conditions. <i>PLoS ONE</i> , 2014 , 9, e99876	3.7	19
28	Intraguild interactions between egg parasitoids: window of opportunity and fitness costs for a facultative hyperparasitoid. <i>PLoS ONE</i> , 2013 , 8, e64768	3.7	17

27	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	2.1	17
26	Exploiting chemical ecology to manage hyperparasitoids in biological control of arthropod pests. <i>Pest Management Science</i> , 2020 , 76, 432-443	4.6	15
25	Hyperparasitoids exploit herbivore-induced plant volatiles during host location to assess host quality and non-host identity. <i>Oecologia</i> , 2019 , 189, 699-709	2.9	12
24	Fitness costs of intrinsic competition in two egg parasitoids of a true bug. <i>Journal of Insect Physiology</i> , 2015 , 81, 52-9	2.4	11
23	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	2.4	11
22	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, 629-39	2.7	11
21	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	3.1	9
20	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	2.4	9
19	The response of an egg parasitoid to substrate-borne semiochemicals is affected by previous experience. <i>Scientific Reports</i> , 2016 , 6, 27098	4.9	9
18	Disentangling higher trophic level interactions in the cabbage aphid food web using high-throughput DNA sequencing. <i>Metabarcoding and Metagenomics</i> , 1, e13709		8
17	<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	2.7	8
16	Testing the habituation assumption underlying models of parasitoid foraging behavior. <i>PeerJ</i> , 2017 , 5, e3097	3.1	7
15	Semiochemical Exploitation of Host-Associated Cues by Seven <i>Melittobia</i> Parasitoid Species: Behavioral and Phylogenetic Implications. <i>Frontiers in Ecology and Evolution</i> , 2018 , 5,	3.7	6
14	Influence of parasitoid-associated viral symbionts on plant-insect interactions and biological control. <i>Current Opinion in Insect Science</i> , 2021 , 44, 64-71	5.1	6
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	4.6	5
12	How to escape from insect egg parasitoids: a review of potential factors explaining parasitoid absence across the Insecta. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020 , 287, 20200344	4.4	5
11	Western European Populations of the Ichneumonid Wasp <i>Hyposoter didymator</i> Belong to a Single Taxon. <i>Frontiers in Ecology and Evolution</i> , 2019 , 7,	3.7	4
10	An Insight in the Reproductive Biology of (Hymenoptera, Braconidae, and Agathidinae), a Potential Biological Control Agent against the Legume Pod Borer (Lepidoptera, Crambidae). <i>Psyche: Journal of Entomology</i> , 2017 , 2017, 3156534	0.2	3

9	Application of Chemical Cues in Arthropod Pest Management for Orchards and Vineyards 2013 , 245-265		3
8	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 , 45-51	1.2	3
7	Volatiles from (Lepidoptera, Crambidae) host plants influence olfactory responses of the parasitoid (Hymenoptera, Braconidae, Agathidinae). <i>Biological Control</i> , 2019 , 130, 104-109	3.8	3
6	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	2.3	3
5	Plant-phenotypic changes induced by parasitoid ichnoviruses enhance the performance of both unparasitized and parasitized caterpillars. <i>Molecular Ecology</i> , 2021 , 30, 4567-4583	5.7	3
4	Attraction of <i>Trichogramma</i> Wasps to Butterfly Oviposition-Induced Plant Volatiles Depends on Brassica Species, Wasp Strain and Leaf Necrosis. <i>Frontiers in Ecology and Evolution</i> , 2021 , 9,	3.7	2
3	Ecosystem Services Provided by Unmanaged Habitats in Agricultural Landscapes 2017 , 151-173		1
2	Impact of parasitoid-associated polydnviruses on plant-mediated herbivore interactions. <i>Current Opinion in Insect Science</i> , 2021 , 49, 56-62	5.1	1
1	Escaping the evolutionary trap: Can size-related contest advantage compensate for juvenile mortality disadvantage when parasitoids develop in unnatural invasive hosts?. <i>Journal of Theoretical Biology</i> , 2021 , 527, 110821	2.3	1