Gianandrea Salerno

List of Publications by Year
in descending order

75	1,808	257450 24	315739 38
papers	citations	h-index	g-index

77	77	77	1373
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Insect oviposition induces volatile emission in herbaceous plants that attracts egg parasitoids. Journal of Experimental Biology, 2004, 207, 47-53.	1.7	186
2	Volatile and Contact Chemicals Released by Nezara viridula (Heteroptera:Pentatomidae) Have a Kairomonal Effect on the Egg Parasitoid Trissolcus basalis (Hymenoptera: Scelionidae). Biological Control, 1999, 16, 310-317.	3.0	139
3	Chemical cues from Murgantia histrionica eliciting host location and recognition in the egg parasitoid Trissolcus brochymenae. Journal of Chemical Ecology, 2003, 29, 115-130.	1.8	80
4	The role of host semiochemicals in parasitoid specificity: a case study with Trissolcus brochymenae and Trissolcus simoni on pentatomid bugs. Biological Control, 2004, 29, 435-444.	3.0	67
5	Influence of Feeding and Oviposition by Phytophagous Pentatomids on Photosynthesis of Herbaceous Plants. Journal of Chemical Ecology, 2010, 36, 629-641.	1.8	55
6	Sub-lethal effects of two pyrethroids on biological parameters and behavioral responses to host cues in the egg parasitoid Telenomus busseolae. Biological Control, 2010, 53, 153-160.	3.0	51
7	Sub-lethal effects of deltamethrin on walking behaviour and response to host kairomone of the egg parasitoidTrissolcus basalis. Pest Management Science, 2002, 58, 663-668.	3.4	49
8	Kairomone involvement in the host specificity of the egg parasitoid Trissolcus basalis (Hymenoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.2	45
9	Short-range allelochemicals from a plantâ€“herbivore association: a singular case of oviposition-induced synomone for an egg parasitoid. Journal of Experimental Biology, 2010, 213, 3911-3919.	1.7	44
10	Activity of endo-polygalacturonases in mirid bugs (Heteroptera: Miridae) and their inhibition by plant cell wall proteins (PGIPs). European Journal of Entomology, 2006, 103, 515-522.	1.2	44
11	Changes in the volatile profile of Brassica oleracea due to feeding and oviposition by Murgantia histrionica (Heteroptera: Pentatomidae). European Journal of Entomology, 2008, 105, 839-847.	1.2	40
12	Oviposition behaviour in Lygus rugulipennis : a morphoâ€functional study. Entomologia Experimentalis Et Applicata, 2005, 115, 17-25.	1.4	35
13	Role of the plantâ€“conspecific complex in host location and intraâ€specific communication of Lygus rugulipennis. Physiological Entomology, 2008, 33, 129-137.	1.5	35
14	Attachment ability of the polyphagous bug Nezara viridula (Heteroptera: Pentatomidae) to different host plant surfaces. Scientific Reports, 2018, 8, 10975.	3.3	35
15	A finely tuned strategy adopted by an egg parasitoid to exploit chemical traces from host adults. Journal of Experimental Biology, 2009, 212, 1825-1831.	1.7	33
16	Vicia fabaâ€“Lygus rugulipennis Interactions: Induced Plant Volatiles and Sex Pheromone Enhancement. Journal of Chemical Ecology, 2009, 35, 201-208.	1.8	33
17	Attachment ability of the southern green stink bug Nezara viridula (Heteroptera: Pentatomidae). Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2017, 203, 601-611.	1.6	32
18	Olfaction in dragonflies: Electrophysiological evidence. Journal of Insect Physiology, 2012, 58, 270-277.	2.0	31

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19	First evidence of the use of olfaction in Odonata behaviour. Journal of Insect Physiology, 2014, 62, 26-31.	2.0	29
20	Effects of water stress on emission of volatile organic compounds by Vicia faba, and consequences for attraction of the egg parasitoid Trissolcus basalis. Journal of Pest Science, 2017, 90, 635-647.	3.7	29
21	Tarsal attachment devices of the southern green stink bug Nezara viridula (Heteroptera:) Tj ETQq1 1 0.784314 rgBT /Overlock	1.2	28
22	Egg parasitoid attraction toward induced plant volatiles is disrupted by a non-host herbivore attacking above or belowground plant organs. Frontiers in Plant Science, 2014, 5, 601.	3.6	27
23	Lethal and sublethal effects of preimaginal treatments with two pyrethroids on the life history of the egg parasitoid Telenomus busseolae. BioControl, 2010, 55, 697-710.	2.0	26
24	Role of volatile semiochemicals in host location by the egg parasitoid <scp>A</scp>nagrus breviphragma. Entomologia Experimentalis Et Applicata, 2012, 144, 311-316.	1.4	26
25	Electrophysiological identification of thermo- and hygro-sensitive receptor neurons on the antennae of the dragonfly Libellula depressa. Journal of Insect Physiology, 2011, 57, 1391-1398.	2.0	25
26	Contribution of different tarsal attachment devices to the overall attachment ability of the stink bug Nezara viridula. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2018, 204, 627-638.	1.6	25
27	Short-range cues mediate parasitoid searching behavior on maize: The role of oviposition-induced plant synomones. Biological Control, 2013, 64, 247-254.	3.0	23
28	Salicylic acid induced by herbivore feeding antagonizes jasmonic acid mediated plant defenses against insect attack. Plant Signaling and Behavior, 2020, 15, 1704517.	2.4	22
29	Role of Fruit Epicuticular Waxes in Preventing Bactrocera oleae (Diptera: Tephritidae) Attachment in Different Cultivars of Olea europaea. Insects, 2020, 11, 189.	2.2	22
30	Kaolin nano-powder effect on insect attachment ability. Journal of Pest Science, 2020, 93, 315-327.	3.7	21
31	Host Chemical Footprints Induce Host Sex Discrimination Ability in Egg Parasitoids. PLoS ONE, 2013, 8, e79054.	2.5	21
32	Mechanical ecology of fruit-insect interaction in the adult Mediterranean fruit fly Ceratitis capitata (Diptera: Tephritidae). Zoology, 2020, 139, 125748.	1.2	20
33	Host Searching by Egg Parasitoids: Exploitation of Host Chemical Cues. , 2009, , 97-147.		17
34	Scent of a Dragonfly: Sex Recognition in a Polymorphic Coenagrionid. PLoS ONE, 2015, 10, e0136697.	2.5	17
35	Andean Flora as a Source of New Repellents against Insect Pests: Behavioral, Morphological and Electrophysiological Studies on Sitophilus zeamais (Coleoptera: Curculionidae). Insects, 2019, 10, 171.	2.2	17
36	Behaviour of the larval dragonflyLibellula depressa(Odonata Libellulidae) in drying pools. Ethology Ecology and Evolution, 2007, 19, 127-136.	1.4	16

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37	Colleterial glands of Sesamia nonagrioides as a source of the hostâ€recognition kairomone for the egg parasitoid Telenomus busseolae. Physiological Entomology, 2008, 33, 7-16.	1.5	16
38	Sex allocation in Telenomus busseolae, a solitary parasitoid of concealed eggs: the influence of host patch size. Entomologia Experimentalis Et Applicata, 2004, 111, 141-149.	1.4	15
39	Water deprivation tolerance and humidity response in a larval dragonfly: a possible adaptation for survival in drying ponds. Physiological Entomology, 2007, 32, 121-126.	1.5	15
40	A method for rearing a large number of damselflies (Ischnura elegans, Coenagrionide) in the laboratory. International Journal of Odonatology, 2015, 18, 125-136.	0.5	15
41	The response of an egg parasitoid to substrate-borne semiochemicals is affected by previous experience. Scientific Reports, 2016, 6, 27098.	3.3	15
42	The sense of smell in Odonata: An electrophysiological screening. Journal of Insect Physiology, 2014, 70, 49-58.	2.0	14
43	Structure and biomechanics of the antennal grooming mechanism in the southern green stink bug Nezara viridula. Journal of Insect Physiology, 2019, 112, 57-67.	2.0	13
44	Oviposition site selection and attachment ability of Propylea quatuordecimpunctata and Harmonia axyridis from the egg to the adult stage. Physiological Entomology, 0, , .	1.5	13
45	Cabbage waxes affect Trissolcus brochymenae response to shortâ€range synomones. Insect Science, 2013, 20, 753-762.	3.0	12
46	The role of contact chemoreception in the host location process of an egg parasitoid. Journal of Insect Physiology, 2016, 91-92, 63-75.	2.0	12
47	Field tests of multiple sensory cues in sex recognition and harassment of a colour polymorphic damselfly. Animal Behaviour, 2018, 136, 127-136.	1.9	12
48	Foraging behaviour of an egg parasitoid exploiting plant volatiles induced by pentatomids: the role of adaxial and abaxial leaf surfaces. PeerJ, 2017, 5, e3326.	2.0	12
49	Title is missing!. BioControl, 2002, 47, 617-624.	2.0	11
50	Entrapment of Bradysia paupera (Diptera: Sciaridae) by Phaseolus vulgaris (Fabaceae) plant leaf. Arthropod-Plant Interactions, 2020, 14, 499-509.	1.1	11
51	Biology and Behaviour of Cirrospilus diallus and Cirrospilus pictus, Parasitoids of Phyllocnistis citrella. BioControl, 2005, 50, 921-935.	2.0	10
52	A femaleâ€produced shortâ€range sex pheromone in the egg parasitoid <scp>T</scp>rissolcus brochymenae. Invertebrate Biology, 2012, 131, 144-153.	0.9	10
53	Volatile cues can drive the oviposition behavior in Odonata. Journal of Insect Physiology, 2016, 91-92, 34-38.	2.0	10
54	Mating Status of an Herbivorous Stink Bug Female Affects the Emission of Oviposition-Induced Plant Volatiles Exploited by an Egg Parasitoid. Frontiers in Physiology, 2019, 10, 398.	2.8	10

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55	Resistance to dehydration and positive hygrotaxis in the invasive red swamp crayfish Procambarus clarkii. Knowledge and Management of Aquatic Ecosystems, 2018, , 36.	1.1	9
56	Aquatic Insect Sensilla: Morphology and Function. , 2019, , 139-166.		9
57	Role of chemical cues in cabbage stink bug host plant selection. Journal of Insect Physiology, 2020, 120, 103994.	2.0	9
58	Variation of attachment ability of Nezara viridula (Hemiptera: Pentatomidae) during nymphal development and adult aging. Journal of Insect Physiology, 2020, 127, 104117.	2.0	9
59	Coleoptera claws and trichome interlocking. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2023, 209, 299-312.	1.6	9
60	Identification of sex pheromone components in Trissolcus brochymenae females. Journal of Insect Physiology, 2012, 58, 1635-1642.	2.0	8
61	Carbon dioxide detection in adult Odonata. Zoology, 2016, 119, 137-142.	1.2	8
62	Antennal responses to volatile organic compounds in a stonefly. Journal of Insect Physiology, 2017, 98, 231-237.	2.0	8
63	Infestation of Broad Bean (Vicia faba) by the Green Stink Bug (Nezara viridula) Decreases Shoot Abscisic Acid Contents under Well-Watered and Drought Conditions. Frontiers in Plant Science, 2017, 8, 959.	3.6	8
64	Attachment devices and the tarsal gland of the bug Coreus marginatus (Hemiptera: Coreidae). Zoomorphology, 2021, 140, 85-102.	0.8	8
65	In the tripartite combinationÂBotrytis cinereaâ€“Arabidopsisâ€“Eurydema oleracea, the fungal pathogen alters the plantâ€“insect interaction via jasmonic acid signalling activation and inducible plant-emitted volatiles. Journal of Plant Research, 2021, 134, 523-533.	2.4	7
66	Influence of different diets and oviposition substrates on Lygus rugulipennis biology (Heteroptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.2	7
67	Eurydema oleracea negatively affects defenses in Arabidopsis by inducing salicylic acid-mediated signaling pathway. Arthropod-Plant Interactions, 2020, 14, 139-148.	1.1	6
68	The antenna of a burrowing dragonfly larva, Onychogomphus forcipatus (Anisoptera, Gomphidae). Arthropod Structure and Development, 2015, 44, 595-603.	1.4	5
69	Reduction in Insect Attachment Caused by Different Nanomaterials Used as Particle Films (Kaolin,) Tj ETQq1 1 0.784314 rgBT /Overlo	3.2	5
70	Antennal gustatory perception and behavioural responses in Trissolcus brochymenae females. Journal of Insect Physiology, 2015, 78, 15-25.	2.0	4
71	Cuticular modified air sacs underlie white coloration in the olive fruit fly, Bactrocera oleae. Communications Biology, 2021, 4, 881.	4.4	4
72	The Antennal Pathway of Dragonfly Nymphs, from Sensilla to the Brain. Insects, 2020, 11, 886.	2.2	3

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73	Air-entrapping capacity in the hair coverage of Malacosoma castrensis (Lasiocampidae:) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.7	3
74	Tests of search image and learning in the wild: Insights from sexual conflict in damselflies. Ecology and Evolution, 2021, 11, 4399-4412.	1.9	3
75	Oviposition Behaviour of Lygus rugulipennis and its Preferences for Plant Wounds. Journal of Insect Behavior, 2012, 25, 339-351.	0.7	1