

# Gianandrea Salerno

## List of Publications by Year in descending order

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Version: 2024-02-01

75  
papers

1,808  
citations

257450

24  
h-index

315739

38  
g-index

77  
all docs

77  
docs citations

77  
times ranked

1373  
citing authors

#	ARTICLE	IF	CITATIONS
1	Coleoptera claws and trichome interlocking. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2023, 209, 299-312.	1.6	9
2	Attachment devices and the tarsal gland of the bug <i>Coreus marginatus</i> (Hemiptera: Coreidae). <i>Zoomorphology</i> , 2021, 140, 85-102.	0.8	8
3	Tests of search image and learning in the wild: Insights from sexual conflict in damselflies. <i>Ecology and Evolution</i> , 2021, 11, 4399-4412.	1.9	3
4	In the tripartite combination <i>Botrytis cinerea</i> – <i>Arabidopsis</i> – <i>Eurydema oleracea</i> , the fungal pathogen alters the plant–insect interaction via jasmonic acid signalling activation and inducible plant-emitted volatiles. <i>Journal of Plant Research</i> , 2021, 134, 523-533.	2.4	7
5	Cuticular modified air sacs underlie white coloration in the olive fruit fly, <i>Bactrocera oleae</i> . <i>Communications Biology</i> , 2021, 4, 881.	4.4	4
6	Reduction in Insect Attachment Caused by Different Nanomaterials Used as Particle Films (Kaolin, TiO <sub>2</sub> , ZnO, Ag, Cu, Zn, and ZnO). <i>Journal of Nanoparticles</i> , 2021, 2021, 1-10.	3.2	5
7	Kaolin nano-powder effect on insect attachment ability. <i>Journal of Pest Science</i> , 2020, 93, 315-327.	3.7	21
8	<i>Eurydema oleracea</i> negatively affects defenses in <i>Arabidopsis</i> by inducing salicylic acid-mediated signaling pathway. <i>Arthropod-Plant Interactions</i> , 2020, 14, 139-148.	1.1	6
9	Salicylic acid induced by herbivore feeding antagonizes jasmonic acid mediated plant defenses against insect attack. <i>Plant Signaling and Behavior</i> , 2020, 15, 1704517.	2.4	22
10	Role of chemical cues in cabbage stink bug host plant selection. <i>Journal of Insect Physiology</i> , 2020, 120, 103994.	2.0	9
11	Variation of attachment ability of <i>Nezara viridula</i> (Hemiptera: Pentatomidae) during nymphal development and adult aging. <i>Journal of Insect Physiology</i> , 2020, 127, 104117.	2.0	9
12	The Antennal Pathway of Dragonfly Nymphs, from Sensilla to the Brain. <i>Insects</i> , 2020, 11, 886.	2.2	3
13	Air-entrapping capacity in the hair coverage of <i>Malacosoma castrensis</i> (Lasiocampidae). <i>Journal of Insect Physiology</i> , 2020, 127, 104117.	1.7	3
14	Role of Fruit Epicuticular Waxes in Preventing <i>Bactrocera oleae</i> (Diptera: Tephritidae) Attachment in Different Cultivars of <i>Olea europaea</i> . <i>Insects</i> , 2020, 11, 189.	2.2	22
15	Mechanical ecology of fruit-insect interaction in the adult Mediterranean fruit fly <i>Ceratitis capitata</i> (Diptera: Tephritidae). <i>Zoology</i> , 2020, 139, 125748.	1.2	20
16	Entrapment of <i>Bradysia paupera</i> (Diptera: Sciaridae) by <i>Phaseolus vulgaris</i> (Fabaceae) plant leaf. <i>Arthropod-Plant Interactions</i> , 2020, 14, 499-509.	1.1	11
17	Andean Flora as a Source of New Repellents against Insect Pests: Behavioral, Morphological and Electrophysiological Studies on <i>Sitophilus zeamais</i> (Coleoptera: Curculionidae). <i>Insects</i> , 2019, 10, 171.	2.2	17
18	Aquatic Insect Sensilla: Morphology and Function. <i>Insectes</i> , 2019, 139-166.		9

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19	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
20	Structure and biomechanics of the antennal grooming mechanism in the southern green stink bug <i>Nezara viridula</i> . <i>Journal of Insect Physiology</i> , 2019, 112, 57-67.	2.0	13
21	Tarsal attachment devices of the southern green stink bug <i>Nezara viridula</i> (Heteroptera: Pentatomidae). <i>Journal of Insect Physiology</i> , 2019, 112, 1-14.	1.2	28
22	Field tests of multiple sensory cues in sex recognition and harassment of a colour polymorphic damselfly. <i>Animal Behaviour</i> , 2018, 136, 127-136.	1.9	12
23	Resistance to dehydration and positive hygrotaxis in the invasive red swamp crayfish <i>Procambarus clarkii</i> . <i>Knowledge and Management of Aquatic Ecosystems</i> , 2018, , 36.	1.1	9
24	Contribution of different tarsal attachment devices to the overall attachment ability of the stink bug <i>Nezara viridula</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2018, 204, 627-638.	1.6	25
25	Attachment ability of the polyphagous bug <i>Nezara viridula</i> (Heteroptera: Pentatomidae) to different host plant surfaces. <i>Scientific Reports</i> , 2018, 8, 10975.	3.3	35
26	Antennal responses to volatile organic compounds in a stonefly. <i>Journal of Insect Physiology</i> , 2017, 98, 231-237.	2.0	8
27	Attachment ability of the southern green stink bug <i>Nezara viridula</i> (Heteroptera: Pentatomidae). <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2017, 203, 601-611.	1.6	32
28	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> . <i>Journal of Pest Science</i> , 2017, 90, 635-647.	3.7	29
29	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. <i>Frontiers in Plant Science</i> , 2017, 8, 959.	3.6	8
30	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
31	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
32	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
33	Carbon dioxide detection in adult Odonata. <i>Zoology</i> , 2016, 119, 137-142.	1.2	8
34	Volatile cues can drive the oviposition behavior in Odonata. <i>Journal of Insect Physiology</i> , 2016, 91-92, 34-38.	2.0	10
35	Scent of a Dragonfly: Sex Recognition in a Polymorphic Coenagrionid. <i>PLoS ONE</i> , 2015, 10, e0136697.	2.5	17
36	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

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37	A method for rearing a large number of damselflies ( <i>Ischnura elegans</i> , Coenagrionide) in the laboratory. <i>International Journal of Odonatology</i> , 2015, 18, 125-136.	0.5	15
38	The antenna of a burrowing dragonfly larva, <i>Onychogomphus forcipatus</i> (Anisoptera, Gomphidae). <i>Arthropod Structure and Development</i> , 2015, 44, 595-603.	1.4	5
39	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
40	First evidence of the use of olfaction in Odonata behaviour. <i>Journal of Insect Physiology</i> , 2014, 62, 26-31.	2.0	29
41	The sense of smell in Odonata: An electrophysiological screening. <i>Journal of Insect Physiology</i> , 2014, 70, 49-58.	2.0	14
42	Cabbage waxes affect <i>Trissolcus brochymenae</i> response to short-range synomones. <i>Insect Science</i> , 2013, 20, 753-762.	3.0	12
43	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
44	Host Chemical Footprints Induce Host Sex Discrimination Ability in Egg Parasitoids. <i>PLoS ONE</i> , 2013, 8, e79054.	2.5	21
45	Identification of sex pheromone components in <i>Trissolcus brochymenae</i> females. <i>Journal of Insect Physiology</i> , 2012, 58, 1635-1642.	2.0	8
46	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
47	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
48	Role of volatile semiochemicals in host location by the egg parasitoid <i>Anagrus breviphragma</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2012, 144, 311-316.	1.4	26
49	Olfaction in dragonflies: Electrophysiological evidence. <i>Journal of Insect Physiology</i> , 2012, 58, 270-277.	2.0	31
50	Electrophysiological identification of thermo- and hygro-sensitive receptor neurons on the antennae of the dragonfly <i>Libellula depressa</i> . <i>Journal of Insect Physiology</i> , 2011, 57, 1391-1398.	2.0	25
51	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
52	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
53	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
54	Short-range allelochemicals from a plant-herbivore association: a singular case of oviposition-induced synomone for an egg parasitoid. <i>Journal of Experimental Biology</i> , 2010, 213, 3911-3919.	1.7	44

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55	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.	1.7	33
56	Vicia faba "Lygus rugulipennis Interactions: Induced Plant Volatiles and Sex Pheromone Enhancement. <i>Journal of Chemical Ecology</i> , 2009, 35, 201-208.	1.8	33
57	Host Searching by Egg Parasitoids: Exploitation of Host Chemical Cues. , 2009, , 97-147.		17
58	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
59	Role of the plant conspecific complex in host location and intra-specific communication of <i>Lygus rugulipennis</i> . <i>Physiological Entomology</i> , 2008, 33, 129-137.	1.5	35
60	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
61	Water deprivation tolerance and humidity response in a larval dragonfly: a possible adaptation for survival in drying ponds. <i>Physiological Entomology</i> , 2007, 32, 121-126.	1.5	15
62	Behaviour of the larval dragonfly <i>Libellula depressa</i> (Odonata Libellulidae) in drying pools. <i>Ethology Ecology and Evolution</i> , 2007, 19, 127-136.	1.4	16
63	Influence of different diets and oviposition substrates on <i>Lygus rugulipennis</i> biology (Heteroptera: Tj ETQq1 1 0.784314 rgBT /Overl	1.2	17
64	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
65	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
66	Oviposition behaviour in <i>Lygus rugulipennis</i> : a morpho-functional study. <i>Entomologia Experimentalis Et Applicata</i> , 2005, 115, 17-25.	1.4	35
67	Biology and Behaviour of <i>Cirrospilus diallus</i> and <i>Cirrospilus pictus</i> , Parasitoids of <i>Phyllocnistis citrella</i> . <i>BioControl</i> , 2005, 50, 921-935.	2.0	10
68	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
69	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
70	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
71	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
72	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.	3.4	49

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73	Title is missing!. BioControl, 2002, 47, 617-624.	2.0	11
74	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). Biological Control, 1999, 16, 310-317.	3.0	139
75	Oviposition site selection and attachment ability of <i>Propylea quatuordecimpunctata</i> and <i>Harmonia axyridis</i> from the egg to the adult stage. Physiological Entomology, 0, , .	1.5	13