David Giron

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1607817/publications.pdf

Version: 2024-02-01

57	2,747	186265	189892
papers	citations	28	50
		h-index	g-index

62	62	62	2611
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Plant metabolism and defence strategies in the flowering stage: Timeâ€dependent responses of leaves and flowers under attack. Plant, Cell and Environment, 2022, 45, 2841-2855.	5.7	7
2	Multiple Attack to Inflorescences of an Annual Plant Does Not Interfere with the Attraction of Parasitoids and Pollinators. Journal of Chemical Ecology, 2021, 47, 175-191.	1.8	4
3	Bacterial Long-Range Warfare: Aerial Killing of Legionella pneumophila by Pseudomonas fluorescens. Microbiology Spectrum, 2021, 9, e0040421.	3.0	6
4	The Evolution of Endophagy in Herbivorous Insects. Frontiers in Plant Science, 2020, 11, 581816.	3.6	24
5	Extend standardised methods and protocols for insect diet composition to insect energy and nutrient budgets. Journal of Insects As Food and Feed, 2020, 6, 441-443.	3.9	0
6	Gall-Inducing Parasites: Convergent and Conserved Strategies of Plant Manipulation by Insects and Nematodes. Annual Review of Phytopathology, 2020, 58, 1-22.	7.8	37
7	Symbiosis disruption in the olive fruit fly, <scp>Bactrocera oleae</scp> (Rossi), as a potential tool for sustainable control. Pest Management Science, 2020, 76, 3199-3207.	3.4	19
8	Salivary proteins of Phloeomyzus passerinii, a plant-manipulating aphid, and their impact on early gene responses of susceptible and resistant poplar genotypes. Plant Science, 2020, 294, 110468.	3.6	5
9	Editorial: Plant-Arthropod Interactions: Effectors and Elicitors of Arthropods and Their Associated Microbes. Frontiers in Plant Science, 2020, 11, 610160.	3.6	0
10	Gall Wasp Transcriptomes Unravel Potential Effectors Involved in Molecular Dialogues With Oak and Rose. Frontiers in Physiology, 2019, 10, 926.	2.8	33
11	Origin of gall-inducing from leaf-mining in Caloptilia micromoths (Lepidoptera, Gracillariidae). Scientific Reports, 2019, 9, 6794.	3.3	23
12	Caterpillars induce jasmonates in flowers and alter plant responses to a second attacker. New Phytologist, 2018, 217, 1279-1291.	7.3	25
13	Modulation of plant cytokinin levels in the <scp>W</scp>olbachiaâ€free leafâ€mining species <scp>P</scp>hyllonorycter mespilella. Entomologia Experimentalis Et Applicata, 2018, 166, 428-438.	1.4	8
14	Inside the horn of plenty: Leaf-mining micromoth manipulates its host plant to obtain unending food provisioning. PLoS ONE, 2018, 13, e0209485.	2.5	24
15	Promises and challenges in insectâ€“plant interactions. Entomologia Experimentalis Et Applicata, 2018, 166, 319-343.	1.4	66
16	A host-feeding wasp shares several features of nitrogen management with blood-feeding mosquitoes. Journal of Insect Physiology, 2018, 110, 1-5.	2.0	1
17	Dynamics and origin of cytokinins involved in plant manipulation by a leafâ€mining insect. Insect Science, 2017, 24, 1065-1078.	3.0	26
18	CHASE-Containing Histidine Kinase Receptors in Apple Tree: From a Common Receptor Structure to Divergent Cytokinin Binding Properties and Specific Functions. Frontiers in Plant Science, 2017, 8, 1614.	3.6	27

#	Article	IF	Citations
19	From Plant Exploitation to Mutualism. Advances in Botanical Research, 2017, 81, 55-109.	1.1	5
20	Maternal age affects offspring nutrient dynamics. Journal of Insect Physiology, 2017, 101, 123-131.	2.0	20
21	Editorial. Journal of Insect Physiology, 2016, 84, 1.	2.0	0
22	Insect-induced effects on plants and possible effectors used by galling and leaf-mining insects to manipulate their host-plant. Journal of Insect Physiology, 2016, 84, 70-89.	2.0	193
23	Shared weapons of blood- and plant-feeding insects: Surprising commonalities for manipulating hosts. Journal of Insect Physiology, 2016, 84, 4-21.	2.0	50
24	Leaf-mining by Phyllonorycter blancardella reprograms the host-leaf transcriptome to modulate phytohormones associated with nutrient mobilization and plant defense. Journal of Insect Physiology, 2016, 84, 114-127.	2.0	44
25	Correlation between the greenâ€island phenotype and Wolbachia infections during the evolutionary diversification of Gracillariidae leafâ€mining moths. Ecology and Evolution, 2015, 5, 4049-4062.	1.9	42
26	Effects of fertilisation on amino acid mobilisation by a plantâ€manipulating insect. Ecological Entomology, 2015, 40, 814-822.	2.2	15
27	Increasing metabolic rate despite declining body weight in an adult parasitoid wasp. Journal of Insect Physiology, 2015, 79, 27-35.	2.0	13
28	Hypermetamorphosis in a leaf-miner allows insects to cope with a confined nutritional space. Arthropod-Plant Interactions, 2015, 9, 75-84.	1.1	18
29	Amino acid composition of the bushcricket spermatophore and the function of courtship feeding: Variable composition suggests a dynamic role of the nuptial gift. Physiology and Behavior, 2015, 151, 463-468.	2.1	10
30	Pivoting from Arabidopsis to wheat to understand how agricultural plants integrate responses to biotic stress. Journal of Experimental Botany, 2015, 66, 513-531.	4.8	35
31	Plant-insect interactions under bacterial influence: ecological implications and underlying mechanisms. Journal of Experimental Botany, 2015, 66, 467-478.	4.8	146
32	Cytokinin-Induced Phenotypes in Plant-Insect Interactions: Learning from the Bacterial World. Journal of Chemical Ecology, 2014, 40, 826-835.	1.8	43
33	Leaf-Miners Co-opt Microorganisms to Enhance their Nutritional Environment. Journal of Chemical Ecology, 2013, 39, 969-977.	1.8	71
34	Cytokinins as key regulators in plantâ€“microbeâ€“insect interactions: connecting plant growth and defence. Functional Ecology, 2013, 27, 599-609.	3.6	178
35	From Income to Capital Breeding: When Diversified Strategies Sustain Species Coexistence. PLoS ONE, 2013, 8, e76086.	2.5	15
36	Chapitre 20. Manipulation de la plante par les insectes endophytes. , 2013, , 295-302.		0

#	Article	IF	Citations
37	A specialist root herbivore exploits defensive metabolites to locate nutritious tissues. Ecology Letters, 2012, 15, 55-64.	6.4	146
38	Evolution of metabolic rate in a parasitic wasp: The role of limitation in intrinsic resources. Journal of Insect Physiology, 2012, 58, 979-984.	2.0	9
39	A handbook for uncovering the complete energetic budget in insects: the van Handel's method (1985) revisited. Physiological Entomology, 2012, 37, 295-302.	1.5	112
40	A genomically tractable and ecologically relevant model herbivore for a model plant: new insights into the mechanisms of insectâ€“plant interactions and evolution. Molecular Ecology, 2011, 20, 990-994.	3.9	7
41	Association between border cell responses and localized root infection by pathogenic Aphanomyces euteiches. Annals of Botany, 2011, 108, 459-469.	2.9	69
42	Feeding activity pattern in a parasitic wasp when foraging in the field. Ecological Research, 2010, 25, 419-428.	1.5	34
43	Plant green-island phenotype induced by leaf-miners is mediated by bacterial symbionts. Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 2311-2319.	2.6	174
44	Ecophysiological attributes of adult overwintering in insects: insights from a field study of the nut weevil, Curculio nucum. Physiological Entomology, 2009, 34, 61-70.	1.5	35
45	Mitigation of egg limitation in parasitoids: immediate hormonal response and enhanced oogenesis after host use. Ecology, 2009, 90, 537-545.	3.2	28
46	Cytokinin-mediated leaf manipulation by a leafminer caterpillar. Biology Letters, 2007, 3, 340-343.	2.3	88
47	Male soldier caste larvae are non-aggressive in the polyembryonic wasp Copidosoma floridanum. Biology Letters, 2007, 3, 431-434.	2.3	19
48	Presence of soldier larvae determines the outcome of competition in a polyembryonic wasp. Journal of Evolutionary Biology, 2007, 20, 165-172.	1.7	31
49	Costs and consequences of superparasitism in the polyembryonic parasitoidCopidosoma koehleri(Hymenoptera: Encyrtidae). Ecological Entomology, 2006, 31, 277-283.	2.2	41
50	LIFETIME NUTRIENT DYNAMICS REVEAL SIMULTANEOUS CAPITAL AND INCOME BREEDING IN A PARASITOID. Ecology, 2005, 86, 545-554.	3.2	119
51	Lifetime gains of host-feeding in a synovigenic parasitic wasp. Physiological Entomology, 2004, 29, 436-442.	1.5	64
52	Host resistance and the evolution of kin recognition in polyembryonic wasps. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, S395-8.	2.6	33
53	Aggression by polyembryonic wasp soldiers correlates with kinship but not resource competition. Nature, 2004, 430, 676-679.	27.8	111
54	Lipogenesis in an adult parasitic wasp. Journal of Insect Physiology, 2003, 49, 141-147.	2.0	77

#	Article	IF	Citations
55	Mothers reduce egg provisioning with age. Ecology Letters, 2003, 6, 273-277.	6.4	123
56	The physiology of host feeding in parasitic wasps: implications for survival. Functional Ecology, 2002, 16, 750-757.	3.6	98
57	Lifetime allocation of juvenile and adult nutritional resources to egg production in a holometabolous insect. Proceedings of the Royal Society B: Biological Sciences, 2001, 268, 1231-1237.	2.6	89