

David Giron

List of Publications by Year in descending order

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

Version: 2024-02-01

57
papers

2,747
citations

186265

28
h-index

189892

50
g-index

62
all docs

62
docs citations

62
times ranked

2611
citing authors

#	ARTICLE	IF	CITATIONS
1	Insect-induced effects on plants and possible effectors used by galling and leaf-mining insects to manipulate their host-plant. <i>Journal of Insect Physiology</i> , 2016, 84, 70-89.	2.0	193
2	Cytokinins as key regulators in plant-microbe-insect interactions: connecting plant growth and defence. <i>Functional Ecology</i> , 2013, 27, 599-609.	3.6	178
3	Plant green-island phenotype induced by leaf-miners is mediated by bacterial symbionts. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 2311-2319.	2.6	174
4	A specialist root herbivore exploits defensive metabolites to locate nutritious tissues. <i>Ecology Letters</i> , 2012, 15, 55-64.	6.4	146
5	Plant-insect interactions under bacterial influence: ecological implications and underlying mechanisms. <i>Journal of Experimental Botany</i> , 2015, 66, 467-478.	4.8	146
6	Mothers reduce egg provisioning with age. <i>Ecology Letters</i> , 2003, 6, 273-277.	6.4	123
7	LIFETIME NUTRIENT DYNAMICS REVEAL SIMULTANEOUS CAPITAL AND INCOME BREEDING IN A PARASITOID. <i>Ecology</i> , 2005, 86, 545-554.	3.2	119
8	A handbook for uncovering the complete energetic budget in insects: the van Handel's method (1985) revisited. <i>Physiological Entomology</i> , 2012, 37, 295-302.	1.5	112
9	Aggression by polyembryonic wasp soldiers correlates with kinship but not resource competition. <i>Nature</i> , 2004, 430, 676-679.	27.8	111
10	The physiology of host feeding in parasitic wasps: implications for survival. <i>Functional Ecology</i> , 2002, 16, 750-757.	3.6	98
11	Lifetime allocation of juvenile and adult nutritional resources to egg production in a holometabolous insect. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001, 268, 1231-1237.	2.6	89
12	Cytokinin-mediated leaf manipulation by a leafminer caterpillar. <i>Biology Letters</i> , 2007, 3, 340-343.	2.3	88
13	Lipogenesis in an adult parasitic wasp. <i>Journal of Insect Physiology</i> , 2003, 49, 141-147.	2.0	77
14	Leaf-Miners Co-opt Microorganisms to Enhance their Nutritional Environment. <i>Journal of Chemical Ecology</i> , 2013, 39, 969-977.	1.8	71
15	Association between border cell responses and localized root infection by pathogenic <i>Aphanomyces euteiches</i> . <i>Annals of Botany</i> , 2011, 108, 459-469.	2.9	69
16	Promises and challenges in insect-plant interactions. <i>Entomologia Experimentalis Et Applicata</i> , 2018, 166, 319-343.	1.4	66
17	Lifetime gains of host-feeding in a synovigenic parasitic wasp. <i>Physiological Entomology</i> , 2004, 29, 436-442.	1.5	64
18	Shared weapons of blood- and plant-feeding insects: Surprising commonalities for manipulating hosts. <i>Journal of Insect Physiology</i> , 2016, 84, 4-21.	2.0	50

#	ARTICLE	IF	CITATIONS
19	Leaf-mining by <i>Phyllonorycter blancardella</i> reprograms the host-leaf transcriptome to modulate phytohormones associated with nutrient mobilization and plant defense. <i>Journal of Insect Physiology</i> , 2016, 84, 114-127.	2.0	44
20	Cytokinin-Induced Phenotypes in Plant-Insect Interactions: Learning from the Bacterial World. <i>Journal of Chemical Ecology</i> , 2014, 40, 826-835.	1.8	43
21	Correlation between the green-island phenotype and <i>Wolbachia</i> infections during the evolutionary diversification of Gracillariidae leaf-mining moths. <i>Ecology and Evolution</i> , 2015, 5, 4049-4062.	1.9	42
22	Costs and consequences of superparasitism in the polyembryonic parasitoid <i>Copidosoma koehleri</i> (Hymenoptera: Encyrtidae). <i>Ecological Entomology</i> , 2006, 31, 277-283.	2.2	41
23	Gall-Inducing Parasites: Convergent and Conserved Strategies of Plant Manipulation by Insects and Nematodes. <i>Annual Review of Phytopathology</i> , 2020, 58, 1-22.	7.8	37
24	Ecophysiological attributes of adult overwintering in insects: insights from a field study of the nut weevil, <i>Curculio nucum</i> . <i>Physiological Entomology</i> , 2009, 34, 61-70.	1.5	35
25	Pivoting from Arabidopsis to wheat to understand how agricultural plants integrate responses to biotic stress. <i>Journal of Experimental Botany</i> , 2015, 66, 513-531.	4.8	35
26	Feeding activity pattern in a parasitic wasp when foraging in the field. <i>Ecological Research</i> , 2010, 25, 419-428.	1.5	34
27	Host resistance and the evolution of kin recognition in polyembryonic wasps. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, S395-8.	2.6	33
28	Gall Wasp Transcriptomes Unravel Potential Effectors Involved in Molecular Dialogues With Oak and Rose. <i>Frontiers in Physiology</i> , 2019, 10, 926.	2.8	33
29	Presence of soldier larvae determines the outcome of competition in a polyembryonic wasp. <i>Journal of Evolutionary Biology</i> , 2007, 20, 165-172.	1.7	31
30	Mitigation of egg limitation in parasitoids: immediate hormonal response and enhanced oogenesis after host use. <i>Ecology</i> , 2009, 90, 537-545.	3.2	28
31	CHASE-Containing Histidine Kinase Receptors in Apple Tree: From a Common Receptor Structure to Divergent Cytokinin Binding Properties and Specific Functions. <i>Frontiers in Plant Science</i> , 2017, 8, 1614.	3.6	27
32	Dynamics and origin of cytokinins involved in plant manipulation by a leaf-mining insect. <i>Insect Science</i> , 2017, 24, 1065-1078.	3.0	26
33	Caterpillars induce jasmonates in flowers and alter plant responses to a second attacker. <i>New Phytologist</i> , 2018, 217, 1279-1291.	7.3	25
34	Inside the horn of plenty: Leaf-mining micromoth manipulates its host plant to obtain unending food provisioning. <i>PLoS ONE</i> , 2018, 13, e0209485.	2.5	24
35	The Evolution of Endophagy in Herbivorous Insects. <i>Frontiers in Plant Science</i> , 2020, 11, 581816.	3.6	24
36	Origin of gall-inducing from leaf-mining in <i>Caloptilia</i> micromoths (Lepidoptera, Gracillariidae). <i>Scientific Reports</i> , 2019, 9, 6794.	3.3	23

#	ARTICLE	IF	CITATIONS
37	Maternal age affects offspring nutrient dynamics. <i>Journal of Insect Physiology</i> , 2017, 101, 123-131.	2.0	20
38	Male soldier caste larvae are non-aggressive in the polyembryonic wasp <i>Copidosoma floridanum</i> . <i>Biology Letters</i> , 2007, 3, 431-434.	2.3	19
39	Symbiosis disruption in the olive fruit fly, <i>Bactrocera oleae</i> (Rossi), as a potential tool for sustainable control. <i>Pest Management Science</i> , 2020, 76, 3199-3207.	3.4	19
40	Hypermetamorphosis in a leaf-miner allows insects to cope with a confined nutritional space. <i>Arthropod-Plant Interactions</i> , 2015, 9, 75-84.	1.1	18
41	Effects of fertilisation on amino acid mobilisation by a plant-manipulating insect. <i>Ecological Entomology</i> , 2015, 40, 814-822.	2.2	15
42	From Income to Capital Breeding: When Diversified Strategies Sustain Species Coexistence. <i>PLoS ONE</i> , 2013, 8, e76086.	2.5	15
43	Increasing metabolic rate despite declining body weight in an adult parasitoid wasp. <i>Journal of Insect Physiology</i> , 2015, 79, 27-35.	2.0	13
44	Amino acid composition of the bushcricket spermatophore and the function of courtship feeding: Variable composition suggests a dynamic role of the nuptial gift. <i>Physiology and Behavior</i> , 2015, 151, 463-468.	2.1	10
45	Evolution of metabolic rate in a parasitic wasp: The role of limitation in intrinsic resources. <i>Journal of Insect Physiology</i> , 2012, 58, 979-984.	2.0	9
46	Modulation of plant cytokinin levels in the <i>Wolbachia</i> -free leaf-mining species <i>Ptyllonorycter mespilella</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2018, 166, 428-438.	1.4	8
47	A genomically tractable and ecologically relevant model herbivore for a model plant: new insights into the mechanisms of insect-plant interactions and evolution. <i>Molecular Ecology</i> , 2011, 20, 990-994.	3.9	7
48	Plant metabolism and defence strategies in the flowering stage: Time-dependent responses of leaves and flowers under attack. <i>Plant, Cell and Environment</i> , 2022, 45, 2841-2855.	5.7	7
49	Bacterial Long-Range Warfare: Aerial Killing of <i>Legionella pneumophila</i> by <i>Pseudomonas fluorescens</i> . <i>Microbiology Spectrum</i> , 2021, 9, e0040421.	3.0	6
50	From Plant Exploitation to Mutualism. <i>Advances in Botanical Research</i> , 2017, 81, 55-109.	1.1	5
51	Salivary proteins of <i>Phloeomyzus passerinii</i> , a plant-manipulating aphid, and their impact on early gene responses of susceptible and resistant poplar genotypes. <i>Plant Science</i> , 2020, 294, 110468.	3.6	5
52	Multiple Attack to Inflorescences of an Annual Plant Does Not Interfere with the Attraction of Parasitoids and Pollinators. <i>Journal of Chemical Ecology</i> , 2021, 47, 175-191.	1.8	4
53	A host-feeding wasp shares several features of nitrogen management with blood-feeding mosquitoes. <i>Journal of Insect Physiology</i> , 2018, 110, 1-5.	2.0	1
54	Editorial. <i>Journal of Insect Physiology</i> , 2016, 84, 1.	2.0	0

#	ARTICLE	IF	CITATIONS
55	Extend standardised methods and protocols for insect diet composition to insect energy and nutrient budgets. <i>Journal of Insects As Food and Feed</i> , 2020, 6, 441-443.	3.9	0
56	Chapitre 20. Manipulation de la plante par les insectes endophytes. , 2013, , 295-302.		0
57	Editorial: Plant-Arthropod Interactions: Effectors and Elicitors of Arthropods and Their Associated Microbes. <i>Frontiers in Plant Science</i> , 2020, 11, 610160.	3.6	0