Rodrigo Cogni

List of Publications by Year
in descending order

32 papers	799 citations	516710 16 h-index	580821 25 g-index
36 all docs	36 docs citations	36 times ranked	942 citing authors

#	Article	IF	Citations
1	The Causes and Consequences of Changes in Virulence following Pathogen Host Shifts. PLoS Pathogens, 2015, 11, e1004728.	4.7	110
2	THE INTENSITY OF SELECTION ACTING ON THECOUCH POTATOGENE-SPATIAL-TEMPORAL VARIATION IN A DIAPAUSE CLINE. Evolution; International Journal of Organic Evolution, 2014, 68, 538-548.	2.3	67
3	The genetic architecture of resistance to virus infection in Drosophila. Molecular Ecology, 2016, 25, 5228-5241.	3.9	50
4	Influence of prey size on predation success by Zelus longipes L. (Het., Reduviidae). Journal of Applied Entomology, 2002, 126, 74-78.	1.8	48
5	Addicted? Reduced host resistance in populations with defensive symbionts. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20160778.	2.6	44
6	The Antiviral Effects of the Symbiont Bacteria Wolbachia in Insects. Frontiers in Immunology, 2020, 11, 626329.	4.8	42
7	A free lunch? No cost for acquiring defensive plant pyrrolizidine alkaloids in a specialist arctiid moth (<scp>U</scp>tetheisa ornatrix). Molecular Ecology, 2012, 21, 6152-6162.	3.9	39
8	A Small Systemâ€"High-Resolution Study of Metabolic Adaptation in the Central Metabolic Pathway to Temperate Climates in Drosophila melanogaster. Molecular Biology and Evolution, 2014, 31, 2032-2041.	8.9	36
9	Resistance to Plant Invasion? A Native Specialist Herbivore Shows Preference for and Higher Fitness on an Introduced Host. Biotropica, 2010, 42, 188-193.	1.6	35
10	Local adaptation in a plant herbivore interaction depends on the spatial scale. Biological Journal of the Linnean Society, 0, 97, 494-502.	1.6	33
11	Patterns in foraging and nesting ecology in the neotropical ant, Gnamptogenys moelleri (Formicidae,) Tj ETQq1 1 0.784314 rgBT /Ove	1.2	31
12	Variation inDrosophila melanogastercentral metabolic genes appears driven by natural selection both within and between populations. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20142688.	2.6	28
13	Seed cleaning of Cupania vernalis (Sapindaceae) by ants: edge effect in a highland forest in south-east Brazil. Journal of Tropical Ecology, 2002, 18, 303-307.	1.1	27
14	Complex Coding and Regulatory Polymorphisms in a Restriction Factor Determine the Susceptibility of Drosophila to Viral Infection. Genetics, 2017, 206, 2159-2173.	2.9	26
15	Wolbachia reduces virus infection in a natural population of Drosophila. Communications Biology, 2021, 4, 1327.	4.4	26
16	Interhabitat differences in ant activity on plant foliage: ants at extrafloral nectaries of Hibiscus pernambucensis in sandy and mangrove forests. Entomologia Experimentalis Et Applicata, 2003, 107, 125-131.	1.4	25
17	Varying Herbivore Population Structure Correlates with Lack of Local Adaptation in a Geographic Variable Plant-Herbivore Interaction. PLoS ONE, 2011, 6, e29220.	2.5	18
18	On the Long-term Stability of Clines in Some Metabolic Genes in Drosophila melanogaster. Scientific Reports, 2017, 7, 42766.	3.3	18

#	Article	IF	Citations
19	Pyrrolizidine Alkaloids Negatively Affect a Generalist Herbivore Feeding on the Chemically Protected Legume Crotalaria pallida. Neotropical Entomology, 2016, 45, 252-257.	1.2	12
20	Recruitment Behavior During Foraging in the Neotropical Ant Gnamptogenys moelleri (Formicidae:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.7	11
21	Preference for high concentrations of plant pyrrolizidine alkaloids in the specialist arctiid moth Utetheisa ornatrix depends on previous experience. Arthropod-Plant Interactions, 2013, 7, 169-175.	1.1	10
22	A novel transposable element-mediated mechanism causes antiviral resistance in Drosophila through truncating the Veneno protein. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	10
23	From the leaf to the community: Distinct dimensions of phytochemical diversity shape insectâ€“plant interactions within and among individual plants. Journal of Ecology, 2021, 109, 2475-2487.	4.0	8
24	Clinal and seasonal changes are correlated in Drosophila melanogaster natural populations. Evolution; International Journal of Organic Evolution, 2021, 75, 2042-2054.	2.3	8
25	Common-Garden Experiments Reveal Geographical Variation in the Interaction Among Crotalaria pallida (Leguminosae: Papilionideae), Utetheisa ornatrix L. (Lepidoptera: Arctiidae), and Extrafloral Nectary Visiting Ants. Neotropical Entomology, 2013, 42, 223-229.	1.2	7
26	Temporal distribution in a tri-trophic system associated with Piper amalago L. in a tropical seasonal forest. Arthropod-Plant Interactions, 2019, 13, 647-652.	1.1	7
27	The geographical and seasonal mosaic in a plant-herbivore interaction: patterns of defences and herbivory by a specialist and a non-specialist. Scientific Reports, 2019, 9, 15206.	3.3	6
28	Host-shift as the cause of emerging infectious diseases: Experimental approaches using Drosophila-virus interactions. Genetics and Molecular Biology, 2021, 44, e20200197.	1.3	5
29	Ehrlich and Raven escape and radiate coevolution hypothesis at different levels of organization: Past and future perspectives. Evolution; International Journal of Organic Evolution, 2022, 76, 1108-1123.	2.3	4
30	Galling Insects (Diptera: Cecidomyiidae) Survive Inundation during Host Plant Flooding in Central Amazonia1. Biotropica, 2003, 35, 115.	1.6	3
31	Genomic Responses to Climate Change: Making the Most of the Drosophila Model. Frontiers in Genetics, 2021, 12, 676218.	2.3	1
32	The Chemistry and Chemical Ecology of Lepidopterans as Investigated in Brazil. Progress in the Chemistry of Organic Natural Products, 2021, 116, 37-66.	1.1	0