Marcelo G Lorenzo

List of Publications by Year
in descending order

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35 papers	1,407 citations	331670 21 h-index	377865 34 g-index
35 all docs	35 docs citations	35 times ranked	1110 citing authors

#	Article	IF	Citations
1	Molecular and functional basis of high-salt avoidance in a blood-sucking insect. IScience, 2022, 25, 104502.	4.1	10
2	Triggering the proboscis extension reflex (PER) in Rhodnius prolixus. Journal of Insect Physiology, 2021, 132, 104249.	2.0	1
3	Sensory Biology of Triatomines. True Bugs (Heteroptera) of the Neotropics, 2021, , 197-214.	1.2	0
4	Triatomines of the Genus Rhodnius Do Not Mark Shelters with Feces. Journal of Chemical Ecology, 2020, 46, 865-870.	1.8	5
5	Species-specific patterns of shelter exploitation in Chagas disease vectors of the genus Rhodnius. Acta Tropica, 2020, 205, 105433.	2.0	8
6	Mechanism and plasticity of vectorsâ€™ host-seeking behavior. Current Opinion in Insect Science, 2020, 40, 1-5.	4.4	13
7	Molecular bases of sensory processes in kissing bugs, vectors of Chagas disease. Current Opinion in Insect Science, 2019, 34, 80-84.	4.4	7
8	Attraction of Rhodnius prolixus males to a synthetic female-pheromone blend. Parasites and Vectors, 2018, 11, 418.	2.5	14
9	An inside look at the sensory biology of triatomines. Journal of Insect Physiology, 2017, 97, 3-19.	2.0	57
10	Temperature and parasite life-history are important modulators of the outcome ofTrypanosoma rangeliâ€“Rhodnius prolixusinteractions. Parasitology, 2016, 143, 1459-1468.	1.5	10
11	Molecular basis of peripheral olfactory plasticity in Rhodnius prolixus, a Chagas disease vector. Frontiers in Ecology and Evolution, 2015, 3, .	2.2	17
12	Genome of Rhodnius prolixus , an insect vector of Chagas disease, reveals unique adaptations to hematophagy and parasite infection. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 14936-14941.	7.1	329
13	Thermosensation and the TRPV channel in Rhodnius prolixus. Journal of Insect Physiology, 2015, 81, 145-156.	2.0	29
14	Trypanosoma cruzi, Etiological Agent of Chagas Disease, Is Virulent to Its Triatomine Vector Rhodnius prolixus in a Temperature-Dependent Manner. PLoS Neglected Tropical Diseases, 2015, 9, e0003646.	3.0	55
15	A Multi-species Bait for Chagas Disease Vectors. PLoS Neglected Tropical Diseases, 2014, 8, e2677.	3.0	27
16	Substrate texture properties induce triatomine probing on bitten warm surfaces. Parasites and Vectors, 2011, 4, 111.	2.5	4
17	Flight Initiation by Male Rhodnius prolixus is Promoted by Female Odors. Journal of Chemical Ecology, 2010, 36, 449-451.	1.8	28
18	A standardizable protocol for infection of Rhodnius prolixus with Trypanosoma rangeli, which mimics natural infections and reveals physiological effects of infection upon the insect. Journal of Invertebrate Pathology, 2010, 105, 91-97.	3.2	26

#	Article	IF	Citations
19	Copulation and Mate Guarding Behavior in <I>Triatoma brasiliensis</I> (Hemiptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.8	43
20	Behavioral and Electrophysiological Responses of Triatoma brasiliensis Males to Volatiles Produced in the Metasternal Glands of Females. Journal of Chemical Ecology, 2009, 35, 1212-1221.	1.8	47
21	Exploiting triatomine behaviour: alternative perspectives for their control. Memorias Do Instituto Oswaldo Cruz, 2009, 104, 65-70.	1.6	31
22	Metasternal Gland Volatiles and Sexual Communication in the Triatomine Bug, Rhodnius prolixus. Journal of Chemical Ecology, 2008, 34, 450-457.	1.8	65
23	Flight dispersal of the Chagas disease vectors Triatoma brasiliensis and Triatoma pseudomaculata in northeastern Brazil. Acta Tropica, 2007, 101, 115-119.	2.0	63
24	Evaluation of cultures of Saccharomyces cerevisae as baits for Triatoma dimidiata and Triatoma pallidipennis. Memorias Do Instituto Oswaldo Cruz, 2007, 102, 229-231.	1.6	11
25	Do Haematophagous Bugs Assess Skin Surface Temperature to Detect Blood Vessels?. PLoS ONE, 2007, 2, e932.	2.5	50
26	Chemical Communication in Chagas Disease Vectors. Source, Identity, and Potential Function of Volatiles Released by the Metasternal and Brindley's Glands of Triatoma infestans Adults. Journal of Chemical Ecology, 2006, 32, 2035-2052.	1.8	75
27	Relative humidity and water loss in Triatoma brasiliensis. Physiological Entomology, 2005, 30, 338-342.	1.5	7
28	The effect of temperature on the behaviour and development of Triatoma brasiliensis. Physiological Entomology, 2003, 28, 185-191.	1.5	43
29	The effect of relative humidity on the behaviour and development of Triatoma brasiliensis. Physiological Entomology, 2002, 27, 142-147.	1.5	51
30	Aggregation mediated by faeces and footprints in Triatoma pseudomaculata (Heteroptera: Reduviidae), a Chagas disease vector. Memorias Do Instituto Oswaldo Cruz, 2002, 97, 865-867.	1.6	28
31	Performance of yeast-baited traps with Triatoma sordida, Triatoma brasiliensis, Triatoma pseudomaculata, and Panstrongylus megistus in laboratory assays. Revista Panamericana De Salud Publica/Pan American Journal of Public Health, 2000, 7, 384-388.	1.1	10
32	Aspectos microclimÃ¡ticos del hÃ¡bitat de Triatoma brasiliensis. Cadernos De Saude Publica, 2000, 16, S69-S74.	1.0	26
33	Temperature and relative humidity affect the selection of shelters by Triatoma infestans, vector of Chagas disease. Acta Tropica, 1999, 72, 241-249.	2.0	55
34	Activity pattern in relation to refuge exploitation and feeding in Triatoma infestans (Hemiptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14	2.0	80
35	The spatial pattern of defaecation in Triatoma infestans and the role of faeces as a chemical mark of the refuge. Journal of Insect Physiology, 1996, 42, 903-907.	2.0	82