

# Marcelo G Lorenzo

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Genome of <i>Rhodnius prolixus</i> , an insect vector of Chagas disease, reveals unique adaptations to hematophagy and parasite infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14936-14941.	7.1	329
2	The spatial pattern of defaecation in <i>Triatoma infestans</i> and the role of faeces as a chemical mark of the refuge. <i>Journal of Insect Physiology</i> , 1996, 42, 903-907.	2.0	82
3	Activity pattern in relation to refuge exploitation and feeding in <i>Triatoma infestans</i> (Hemiptera: Tj ETQq1 1 0.784314 rgBT /Overlock 80	2.0	80
4	Chemical Communication in Chagas Disease Vectors. Source, Identity, and Potential Function of Volatiles Released by the Metasternal and Brindley's Glands of <i>Triatoma infestans</i> Adults. <i>Journal of Chemical Ecology</i> , 2006, 32, 2035-2052.	1.8	75
5	Metasternal Gland Volatiles and Sexual Communication in the Triatomine Bug, <i>Rhodnius prolixus</i> . <i>Journal of Chemical Ecology</i> , 2008, 34, 450-457.	1.8	65
6	Flight dispersal of the Chagas disease vectors <i>Triatoma brasiliensis</i> and <i>Triatoma pseudomaculata</i> in northeastern Brazil. <i>Acta Tropica</i> , 2007, 101, 115-119.	2.0	63
7	An inside look at the sensory biology of triatomines. <i>Journal of Insect Physiology</i> , 2017, 97, 3-19.	2.0	57
8	Temperature and relative humidity affect the selection of shelters by <i>Triatoma infestans</i> , vector of Chagas disease. <i>Acta Tropica</i> , 1999, 72, 241-249.	2.0	55
9	<i>Trypanosoma cruzi</i> , Etiological Agent of Chagas Disease, Is Virulent to Its Triatomine Vector <i>Rhodnius prolixus</i> in a Temperature-Dependent Manner. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003646.	3.0	55
10	The effect of relative humidity on the behaviour and development of <i>Triatoma brasiliensis</i> . <i>Physiological Entomology</i> , 2002, 27, 142-147.	1.5	51
11	Do Haematophagous Bugs Assess Skin Surface Temperature to Detect Blood Vessels?. <i>PLoS ONE</i> , 2007, 2, e932.	2.5	50
12	Behavioral and Electrophysiological Responses of <i>Triatoma brasiliensis</i> Males to Volatiles Produced in the Metasternal Glands of Females. <i>Journal of Chemical Ecology</i> , 2009, 35, 1212-1221.	1.8	47
13	The effect of temperature on the behaviour and development of <i>Triatoma brasiliensis</i> . <i>Physiological Entomology</i> , 2003, 28, 185-191.	1.5	43
14	Copulation and Mate Guarding Behavior in <i>Triatoma brasiliensis</i> (Hemiptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22	1.8	43
15	Exploiting triatomine behaviour: alternative perspectives for their control. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2009, 104, 65-70.	1.6	31
16	Thermosensation and the TRPV channel in <i>Rhodnius prolixus</i> . <i>Journal of Insect Physiology</i> , 2015, 81, 145-156.	2.0	29
17	Aggregation mediated by faeces and footprints in <i>Triatoma pseudomaculata</i> (Heteroptera: Reduviidae), a Chagas disease vector. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2002, 97, 865-867.	1.6	28
18	Flight Initiation by Male <i>Rhodnius prolixus</i> is Promoted by Female Odors. <i>Journal of Chemical Ecology</i> , 2010, 36, 449-451.	1.8	28

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19	A Multi-species Bait for Chagas Disease Vectors. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2677.	3.0	27
20	Aspectos microclimáticos del hábitat de <i>Triatoma brasiliensis</i> . <i>Cadernos De Saude Publica</i> , 2000, 16, S69-S74.	1.0	26
21	A standardizable protocol for infection of <i>Rhodnius prolixus</i> with <i>Trypanosoma rangeli</i> , which mimics natural infections and reveals physiological effects of infection upon the insect. <i>Journal of Invertebrate Pathology</i> , 2010, 105, 91-97.	3.2	26
22	Molecular basis of peripheral olfactory plasticity in <i>Rhodnius prolixus</i> , a Chagas disease vector. <i>Frontiers in Ecology and Evolution</i> , 2015, 3, .	2.2	17
23	Attraction of <i>Rhodnius prolixus</i> males to a synthetic female-pheromone blend. <i>Parasites and Vectors</i> , 2018, 11, 418.	2.5	14
24	Mechanism and plasticity of vectors'™ host-seeking behavior. <i>Current Opinion in Insect Science</i> , 2020, 40, 1-5.	4.4	13
25	Evaluation of cultures of <i>Saccharomyces cerevisiae</i> as baits for <i>Triatoma dimidiata</i> and <i>Triatoma pallidipennis</i> . <i>Memorias Do Instituto Oswaldo Cruz</i> , 2007, 102, 229-231.	1.6	11
26	Performance of yeast-baited traps with <i>Triatoma sordida</i> , <i>Triatoma brasiliensis</i> , <i>Triatoma pseudomaculata</i> , and <i>Panstrongylus megistus</i> in laboratory assays. <i>Revista Panamericana De Salud Publica/Pan American Journal of Public Health</i> , 2000, 7, 384-388.	1.1	10
27	Temperature and parasite life-history are important modulators of the outcome of <i>Trypanosoma rangeli</i> – <i>Rhodnius prolixus</i> interactions. <i>Parasitology</i> , 2016, 143, 1459-1468.	1.5	10
28	Molecular and functional basis of high-salt avoidance in a blood-sucking insect. <i>IScience</i> , 2022, 25, 104502.	4.1	10
29	Species-specific patterns of shelter exploitation in Chagas disease vectors of the genus <i>Rhodnius</i> . <i>Acta Tropica</i> , 2020, 205, 105433.	2.0	8
30	Relative humidity and water loss in <i>Triatoma brasiliensis</i> . <i>Physiological Entomology</i> , 2005, 30, 338-342.	1.5	7
31	Molecular bases of sensory processes in kissing bugs, vectors of Chagas disease. <i>Current Opinion in Insect Science</i> , 2019, 34, 80-84.	4.4	7
32	Triatomines of the Genus <i>Rhodnius</i> Do Not Mark Shelters with Feces. <i>Journal of Chemical Ecology</i> , 2020, 46, 865-870.	1.8	5
33	Substrate texture properties induce triatomine probing on bitten warm surfaces. <i>Parasites and Vectors</i> , 2011, 4, 111.	2.5	4
34	Triggering the proboscis extension reflex (PER) in <i>Rhodnius prolixus</i> . <i>Journal of Insect Physiology</i> , 2021, 132, 104249.	2.0	1
35	Sensory Biology of Triatomines. <i>True Bugs (Heteroptera) of the Neotropics</i> , 2021, , 197-214.	1.2	0